

Application: 1603

Davenport, Matthew

Page: Applicant Information

Your member profile data has pulled into your application. Please [click Save](#) at the bottom of this Applicant Information page to save the pulled member data to your application.

Review the [FACR Application Guidelines](#) and [Nomination Criteria](#) before beginning your application. There are separate [Military Nomination Criteria](#) for active duty and reserve members.

Upload your CV and Submit your Endorsement Requests then build the rest of your application with data entry and document uploading while awaiting receipt of your required endorsement letters.

*Candidates and their endorsing Fellows must adhere to the [chapter submission deadline](#) with a complete application including endorsements in order to be eligible for review. Radiation oncologists may have their applications reviewed by CARROS rather than their chapters; reach out to FACR@acr.org for a change in chapter review.

Category

Michigan Radiological Society > 10-11 Yrs

Member ID Number

05052513

Full Label Name

Matthew S Davenport, MD

First Name

Matthew

Middle Name

S

Last Name

Davenport

Gender Code

MALE

Speciality

DX

Number of Membership Years

10

ACR Join Date

1/1/2012

Chapter / Branch of Service

Chapter-Michigan Radiological Society

Primary Address

Michigan Medicine - University of Michigan
1500 E Medical Center Dr, B2A209A
Ann Arbor Michigan 48109 US

Primary Telephone

(734) 232-2095

Primary Email

matdaven@med.umich.edu

Membership Profile Information

detected-2020

Page: Membership Info (10-11 Years)

The list below represents the achievements from the FACR Nomination Criteria for your membership year group. At least one criterion must be selected below as referenced in your CV and/or other application pages.

Service to the ACR and/or Organized Radiology Medicine

Prominent national leadership role(s) in ACR (e.g., BOC), Prominent leadership role(s) in other national/international radiology/medical organization(s)

Outstanding Teaching of Radiology

International recognition in teaching; specifically teaching award(s) from international radiology or medical associations.

Significant Scientific or Clinical Research in Radiology and/or Significant Contributions to Literature

International reputation as researcher/investigator/author as evidenced by works presented/shared/used by others in radiological sciences/medicine, Extraordinary original contributions to field(s) of diagnostic radiology/ interventional radiology/nuclear medicine/radiation oncology and/or medical physics

Military Service

No

Page: CV

You must upload your CV before submitting any endorsement requests. The CV is made available for the endorser's reference. Please submit your CV in PDF format. [CV guidance](#) is available for your reference.

Upload your CV

[Download File](#)

Page: Endorsements

*** Your application must contain at least two endorsement letters from current ACR Fellows before submitting the application.**

- Only one endorsement letter may be provided by an ACR Fellow who is employed by the same business entity. You are not required to have a colleague serve as an endorser. All endorsers may be from outside of your organization and/or outside of your chapter.
- Only make an endorsement request to an ACR Fellow that knows your professional background and will support you without reservation.
- You may have up to four letters of endorsement from current ACR Fellows. Endorsers may be from your chapter or any other chapter. Retired Fellows may endorse your application though they are not required to maintain chapter affiliation.

*** You must upload your CV prior to sending endorsement requests.** Your CV is made available for the endorser's reference. A system-generated email will be sent to each endorser with instructions on submitting the endorsement which additionally attests to your professionalism.

- Maintain direct contact with potential endorsing Fellows.
- Remind endorsers of the [chapter's deadline](#).
- Edit with a new endorser request below if someone is unable to endorse.

*** Request your endorsements as soon as possible.**

- Continue building your application while awaiting endorsements.
- Identify **correct email address** by using [ACR Membership Directory](#).
- A [list of current ACR Fellows](#) is available for your reference at the bottom of the [FACR website](#): All ACR Fellows - View List
 - The list of Fellows includes chapter name unless a retired or military Fellow as chapter membership is not required for those ACR members.

If you have not received at least two endorsement letters within 2 or 3 weeks of your chapter's submission deadline, contact the endorsing Fellow and/or resend the endorsement request by clicking below on Send Reminder to send the request again.

Endorsement Letter Status (as indicated in red lettering for each endorser):

Not Sent: The requests have not been emailed yet. You entered and saved endorser details yet you need to click on Send Request.

Not Received: The request email was sent. You are now waiting to receive endorsement letter. Contact your endorser.

Received: The request has been fulfilled and the letter was uploaded to the application. A confirmation was emailed to you.

Name and Email for Endorser 1:

FullName: Richard H. Cohan MD FACR
Email: rcohan@umich.edu

Are you in business practice with this candidate?

Yes, I am in business practice with the Fellow candidate.

Upload Endorsement Letter (PDF file only)

[Download File](#)

Attestation

I agree to endorse the nomination for ACR Fellowship

Enter your name:

Richard H. Cohan, M.D.

Confirmation of Endorser 1

Yes

Name and Email for Endorser 2:

FullName: Jeffrey C Weinreb MD FACR

Email: jeffrey.weinreb@yale.edu

Are you in business practice with the candidate?

No, I am not in business practice with the Fellow candidate.

Upload Endorsement Letter (PDF file only)

[Download File](#)

Attestation

I agree to endorse the nomination for ACR Fellowship

Enter your name:

Jeffrey Weinreb

Confirmation of Endorser 2

No

Would you like to request another endorsement?

No

Page: Certifications

alias0de63c5d8b0e4f7c99290ef6d4bf4683

Certifications

Institution: American Board of Radiology | **Program Type:** Diagnostic Radiology | **Start Date:** {ea793e3a-07e8-4d3b-b44b-e77a331803b4}

Do you have additional certifications to report?

Yes

Additional Certifications

Certifications

Institution: Duke University | **Program Type:** Fellowship - Abdominal Radiology | **Start Date:** {017eaf25-8016-4b23-b7be-81281669cf88}

Page: Activities

This page represents your leadership roles in two sections below. The first section relates to your service to ACR and/or your chapter (current or previous). The second section relates to your leadership at your current/previous places of employment or appointment. You may enter any additional roles that are not automatically pulled from your membership profile. Enter all radiology/medical leadership positions including organization name, position title and start/end date by year.

ACR or Chapter Activities

Activities

ACR or Chapter Activity: Committee on Drugs and Contrast Media I **Position:** Chair
I **Start Date:** 2017 I **End Date:** 2021

ACR or Chapter Activity: Committee On Parameters & Standards - Q&S I
Position: Member I **Start Date:** 2017 I **End Date:** 2021

ACR or Chapter Activity: Commission on Quality and Safety I **Position:** Member I **Start Date:** 2017 I **End Date:** 2020

ACR or Chapter Activity: Subcommittee On Continuous Professional Improvement - Ed. I
Position: Member I **Start Date:** 2018 I **End Date:** 2018

ACR or Chapter Activity: Committee on Drugs and Contrast Media I **Position:** Member
I **Start Date:** 2011 I **End Date:** 2017

ACR or Chapter Activity: Committee on Drugs and Contrast Media I **Position:** RFS
Representative I **Start Date:** 2010 I **End Date:** 2011

ACR or Chapter Activity: Commission on Quality and Safety I **Position:** Vice Chair I **Start Date:** 2020 I **End Date:** 2021

Enter radiological leadership roles (health system, hospital, private practice, university)

Do you have contributions at the hospital or local level to report?

Yes

Local Radiological Activities

Activities

Organization Name or Committee Name: Michigan Medicine Department of Radiology I
Position Title: Associate Chair (Quality) I **Start Date:** 2016 I **End Date:** 2019

Organization Name or Committee Name: Michigan Medicine Department of Radiology I
Position Title: Associate Chair (Operations) I **Start Date:** 2019 I **End Date:** 2021

Organization Name or Committee Name: Michigan Medicine Department of Radiology I
Position Title: Service Chief I **Start Date:** 2019 I **End Date:** 2021

Organization Name or Committee Name: Michigan Medicine Department of Radiology I
Position Title: Director of Body MRI I **Start Date:** 2015 I **End Date:** 2019

Organization Name or Committee Name: Michigan Medicine Department of Radiology I
Position Title: Chair and Founder, Michigan Radiology Quality Collaborative I **Start Date:** 2014 I **End Date:** 2019

Organization Name or Committee Name: Michigan Medicine Advanced Quality Training Program in Radiology I **Position Title:** Co-founder and Chair I **Start Date:** 2017 I **End Date:** 2019

Organization Name or Committee Name: Michigan Medicine Department of Radiology Mentorship Program I **Position Title:** Chair I **Start Date:** 2012 I **End Date:** 2015

Page: Academic Appointments & Honors

Include all academic appointments (Professor, Associate Professor, Instructor, etc.)

Do you have academic appointments in the field of radiology to report?

Yes

Academic Appointments

Academic Appointments

Appointment Details: University of Michigan, Assistant Professor of Radiology

Subject: Diagnostic Radiology I **Number of Students:** 50 I **Type of Students:** Residents and Fellows I **Number of Hours/Year:** 1000 I **Start Date:** 2011 I **End Date:** 2016

Appointment Details: University of Michigan, Assistant Professor of Urology

Subject: Urologic imaging I **Number of Students:** 21 I **Type of Students:** Urology residents I **Number of Hours/Year:** 20 I **Start Date:** 2014 I **End Date:** 2016

Appointment Details: University of Michigan, Associate Professor of Radiology

Subject: Diagnostic Radiology I **Number of Students:** 50 I **Type of Students:** Residents and Fellows I **Number of Hours/Year:** 1000 I **Start Date:** 2016 I **End Date:** 2021

Appointment Details: University of Michigan, Associate Professor of Urology

Subject: Urologic imaging I **Number of Students:** 21 I **Type of Students:** Urology residents I **Number of Hours/Year:** 20 I **Start Date:** 2016 I **End Date:** 2021

Include all awards from teaching achievements

Do you have academic teaching honors to report?

Yes

Teaching Honors

Teaching Honors

Institution: Michigan Medicine I **Subject:** Diagnostic Radiology I **Award:** Outstanding Educator Award ("Teacher of the year") I **Start Date:** 2012 I **End Date:** 2012

Institution: Michigan Medicine I **Subject:** Diagnostic Radiology I **Award:** Excellence in Teaching Award I **Start Date:** 2013 I **End Date:** 2013

Institution: Michigan Medicine I **Subject:** Diagnostic Radiology I **Award:** Excellence in Teaching Award I **Start Date:** 2018 I **End Date:** 2018

Institution: Radiological Society of North America I **Subject:** Genitourinary radiology and contrast media I **Award:** Honored Educator Award I **Start Date:** 2019 I **End Date:** 2019

Institution: Radiological Society of North America I **Subject:** Genitourinary radiology and contrast media I **Award:** Honored Educator Award I **Start Date:** 2020 I **End Date:** 2020

Institution: Society of Abdominal Radiology I **Subject:** Genitourinary radiology and contrast media I **Award:** Richard H Marshak International Lecturer I **Start Date:** 2018 I **End Date:** 2018

Page: Organized Medicine & Medical Community

This page relates to your service with organizations outside of ACR. The first section Organized Medicine is seeking content related to your contributions to other radiological associations or radiological societies. The second section Medical Community is seeking content related to your contributions to organizations, associates and societies that are not focused on radiology.

Service to organized medicine in a local, state, or national medical organization, other than the ACR. Examples: Service to radiology as an officer of a radiology society. Include all offices held in state, regional, and national radiological organizations outside of ACR.

Do you have relevant contributions to report?

Yes

Contributions to Organized Medicine in Radiology

Contributions

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** Fellow I **Start Date:** 2014 I **End Date:** 2021

Radiological Society: Society of Advanced Body Imaging (SABI) I **Number of Members:** 650 members I **Office Held:** Fellow I **Start Date:** 2014 I **End Date:** 2021

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Member) Scientific Program Committee I **Start Date:** 2011 I **End Date:** 2014

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Moderator) Scientific Session - Contrast agents / Quality and Safety I **Start Date:** 2012 I **End Date:** 2012

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Moderator) Scientific Session - Tumors of the GU tract I **Start Date:** 2012 I **End Date:** 2012

Radiological Society: United States Food and Drug Administration - Medical Imaging Drugs Advisory Committee I **Number of Members:** 12 members I **Office Held:** Member I **Start Date:** 2012 I **End Date:** 2016

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Member) Research Awards and Scientific Committee I **Start Date:** 2012 I **End Date:** 2020

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500

members I **Office Held:** (Member) Educational Program Committee I **Start Date:** 2014 I **End Date:** 2016

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Member) Program Planning Committee I **Start Date:** 2014 I **End Date:** 2015

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** Genitourinary workshop coordinator I **Start Date:** 2015 I **End Date:** 2016

Radiological Society: National Cancer Institute Clinical Imaging Steering Committee I **Number of Members:** 20 members I **Office Held:** Special Expert I **Start Date:** 2015 I **End Date:** 2020

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Moderator) Scientific Session I **Start Date:** 2015 I **End Date:** 2015

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Associate Editor) Radiology (<https://pubs.rsna.org/journal/radiology>) I **Start Date:** 2015 I **End Date:** 2021

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Moderator) Scientific Session - Contrast agents I **Start Date:** 2015 I **End Date:** 2015

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Vice Chair) Research Awards and Scientific Committee I **Start Date:** 2015 I **End Date:** 2016

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Member) Program Committee I **Start Date:** 2016 I **End**

Date: 2021

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Chair) Research Awards and Scientific Committee I **Start Date:** 2016 I **End Date:** 2019

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Member) Quality Improvement Committee I **Start Date:** 2016 I **End Date:** 2021

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Moderator) Scientific session - Renal and adrenal imaging I **Start Date:** 2016 I **End Date:** 2016

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Session Chair) Controversy session - intravenous contrast media I **Start Date:** 2016 I **End Date:** 2016

Radiological Society: National Cancer Institute Early Detection Research Network I **Number of Members:** 1500 members I **Office Held:** (Member) Prostate Imaging Working Group I **Start Date:** 2016 I **End Date:** 2021

Radiological Society: International Society of Computed Tomography I **Number of Members:** 200 members I **Office Held:** (Moderator and Program Director) Presentations related to contrast media I **Start Date:** 2017 I **End Date:** 2017

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** (Co-Chair) Disease-Focused Panel on Renal Cell Carcinoma I **Start Date:** 2017 I **End Date:** 2021

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Chair) Scientific session I **Start Date:** 2017 I **End Date:** 2018

Radiological Society: Society of Advanced Body Imaging I **Number of Members:** 650 members I **Office Held:** (Moderator) Gadolinium symposium I **Start Date:** 2017 I **End Date:** 2017

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** (Member) Scientific Program Committee I **Start Date:** 2017 I **End Date:** 2021

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** (Member) Finance Committee I **Start Date:** 2017 I **End Date:** 2021

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Moderator) Scientific session - Prostate MRI I **Start Date:** 2017 I **End Date:** 2017

Radiological Society: RSNA/ACR/NIH gadolinium symposium I **Number of Members:** 60 members I **Office Held:** Writing Committee Member I **Start Date:** 2018 I **End Date:** 2018

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Co-Chair) Quality Symposium - Value in Imaging I **Start Date:** 2018 I **End Date:** 2018

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** (Mentor) Mentoring program luncheon I **Start Date:** 2018 I **End Date:** 2018

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Track Vice Chair) Genitourinary imaging I **Start Date:** 2018 I **End Date:** 2019

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Track Chair) Genitourinary imaging I **Start Date:** 2019 I **End Date:** 2020

Radiological Society: Radiological Society of North America I **Number of Members:** 53000 members I **Office Held:** (Domain Expert) Genitourinary imaging subcommittee I **Start Date:** 2020 I **End Date:** 2021

Radiological Society: Society of Abdominal Radiology I **Number of Members:** 1500 members I **Office Held:** (Co-Chair) Oversight Committee, Disease-Focused Panels I **Start Date:** 2021 I **End Date:** 2021

Please include governmental and health appointments; local, county, state, and national medical societies; major hospital staff appointments (e.g., chief of staff, medical board, or hospital/health system board); and any other contributions to non-radiology organizations.

Do you have relevant services to report?

Yes

Services other than Radiology

Services

Society/Institute: Michigan Medicine I **Details of Service:** Executive Committee on Clinical Affairs (elected member for the health system), also served in ECCA nominations subcommittee for 3 years I **Start Date:** 2018 I **End Date:** 2021

Society/Institute: Michigan Medicine I **Details of Service:** Medical Staff Quality Committee (member) I **Start Date:** 2014 I **End Date:** 2021

Page: Presentations

Itemize each presentation and lecture; upload the list as a PDF

Do you have relevant academic presentations to report?

Yes

Please attach a list of your presentations and invited lectures in standard bibliographic form. File must be in PDF format only.

List of Presentations and Lectures

[Download File](#)

Page: Publications

Please upload your contributions to medical literature below in standard bibliographic form as a PDF. Do not upload copies of published materials.

Do you have relevant publications to report?

Yes

Upload List of Publications

[Download File](#)

Page: Research & Recognition

List other notable research achievements: grants awarded, service on study sections, and research awards.

Do you have research achievements to report?

Yes

Research Achievements

Research Achievements

Achievement: NCI Early Detection Research Network: EDRN Prostate cancer Biomarker Study
Role: Co-investigator Support: 10% effort (1.2 calendar months) I **Year:** 2018

Achievement: 1R37CA22282901A1 Guan Xu (PI) 1/18/2019-12/31/2023 Real Time Fine Needle Assessment of Architectural Heterogeneity in Prostate Cancer \$3,032,113 Support: 5% effort (0.6 calendar months) I **Year:** 2019

Achievement: 1U01CA230694-01 Amit Singal / Neehar Parikh 9/14/2018-7/31/2023 Precision Risk Stratification and Screening for HCC among Patients with Cirrhosis in the United States \$137,771 Support: 14% (1.7 calendar months) in years 1 and 4, 10% (1.2 calendar months) in year 2 I **Year:** 2018

Achievement: Prostate SPORE Arul Chinnaiyan (PI) 9/1/2019-8/31/2024 National Institutes of Health CA186786 Summary: Radiologist liaison for the University of Michigan prostate SPORE Support: 2.5% effort (0.30 CM) Directs: \$6,320,159 I **Year:** 2019

Achievement: Award 790300 Matthew Davenport (PI) 4/1/2012-3/31/2014 Society of UroRadiology Research Grant Multivariate analysis of intravenous iodinated contrast material administration: what is the true effect on renal function? Summary: This analysis isolated and quantified the role of intravenous contrast material as a causative agent for acute kidney injury while minimizing selection bias that contaminated prior smaller reports. Role: PI Support: 5% effort (0.60 CM) \$10,000 direct costs I **Year:** 2012

Achievement: Award: W81XWH-09-1-0146 Maha Hussain (PI) 2/1/2013-6/30/2014 Department of Defense Summary: This was a funded effort to assess chemotherapy response in patients on a variety of tumor treatment protocols. My role was performing RECIST tumor measurements for enrolled patients. Role: Consultant Support: 4% effort (0.48 CM) Annual Directs: \$212,575 I **Year:** 2013

Achievement: Award 895800 Matthew Davenport (PI) 4/1/2013-12/31/2014 Repeatability Assessment of Quantitative DCE-MRI and DWE: A Multicenter Study of Functional Imaging Standardization in the Prostate, American College of Radiology Imaging Network (ACRIN) Summary: ACRIN 6701 QIBA is a test-retest assessment of quantitative MR measurements of whole prostate and prostate tumor lesions on DCE-MRI and DWI scans. Role: Site PI 5% effort (0.60 CM) \$15,000 direct costs I **Year:** 2013

Achievement: W81XWH-09-1-0147 Scher (PI) 11/01/2014 – 03/31/2015 MSKCC / DOD PCCTC Affiliate Clinical Research Sites - The University of Michigan Site Summary: 1). Informative, sequential trial development with individual trials incorporating A) outcome measures corresponding to the unmet needs associated with the specific clinical state of the disease for which the drug is being tested and B) biomarkers tailored to the compound's mechanism of action. 2). Investigator-initiated trials that optimize dose, explore novel combinations, and lead to the discovery and validation of predictive biomarkers of sensitivity that can guide the use of an investigational product. Support: 4% effort (0.48 CM) I **Year:** 2014

Achievement: Prostate Cancer Foundation Grant N009862 Maha Hussain (PI) 1/1/2008 – 12/31/2015 Summary: RECIST measurements for response to therapy in patients with metastatic prostate cancer. Support: 4% effort (0.48 CM) I **Year:** 2011

Achievement: W81XH1520018 Maha Hussain (PI) 6/15/2015-06/14/2016 The Prostate Cancer Clinical Trials Consortium: Application for coordinating center with clinical research site option. Role: Co-Investigator Support: 2% effort (0.24 CM) \$129,000 I **Year:** 2015

Achievement: UMHS Department of Radiology Matthew Davenport (PI) 8/2015 – 8/2016 Bacterial contamination of CT gantries with MRSA Support: Direct costs only (\$3,699) I **Year:** 2015

Achievement: Fostering Innovation Grant Matthew Davenport (PI) 9/2015-8/2016 Incorporation of simulated respiration into a realistic human phantom for ultrasound-guided liver mass biopsy training Sponsor: FIGS (University of Michigan) Support: \$10,000 direct costs I **Year:** 2015

Achievement: Award #W81XWH-12-1-0597 Morand Piert (PI) 12/1/2011-9/29/2016 Department of Defense Investigation of the magnitude of uptake, retention, and spatial distribution pattern of 18F-choline in comparison with MRI and histology obtained from prostate cancer biopsies. Role: co-investigator Support: 5% effort (0.60 CM) I **Year:** 2011

Achievement: Award #W81XWH-15-2-0018 David Smith (PI) 6/15/2016-6/14/2018 Department of Defense Prostate cancer clinical trials consortium: coordinating center. Role: co-investigator Support: 2% effort (0.24 CM) I **Year:** 2016

Achievement: NIH-2P01CA059827 Randall K Ten Haken (PI) 5/15/2014-4/30/2019 High optimization of high-dose conformal therapy Role: Co-Investigator F036410- Project 1 (3% effort) F036412- Project 2 (3% effort) Total project direct cost award: \$8,858,767 Goals: Improve outcome in patients whose tumor data indicate poor initial response to treatment and whose normal tissue responses indicate that they would be more susceptible to complications I **Year:** 2014

Achievement: Radiological Society of North America Seed Grant Davenport (PI) 7/1/2015 – 6/30/2019 Summary: Intracranial gadoteridol deposition in a breast cancer screening population (previously: phase IV double-blind placebo-controlled non-inferiority randomized controlled trial investigating the incidence and significance of contrast-induced acute kidney injury in post-operative patients) Support: \$40,000 direct costs; 10% effort (1.20 CM) I **Year:** 2015

Achievement: UM LAPS U10 Grant Mark Zalupski (PI) 3/1/2014-2/28/2019 National Institutes of Health Summary: Co-investigator and member of the board of directors for the University of Michigan NCTN LAPS-U10 award. Support: 5% effort (0.60 CM) Annual Directs: \$518,552
I **Year:** 2014

Achievement: Prostate SPORE F036252 Arul Chinnaiyan (PI) 9/11/2014-8/31/2019 National Institutes of Health CA186786 Summary: Radiologist liaison for the University of Michigan prostate SPORE clinical applications committee Support: 2.5% effort (0.30 CM) Annual Directs: \$2,272,400 I **Year:** 2014

Achievement: UG1 Mark Zalupski (PI) 3/1/2019-1/30/2020 NCI National Clinical Trials Network (NCTN)—network lead academic participating sites NIH Role: Co-investigator Support: 2.5% effort (0.3 calendar months) I **Year:** 2019

Achievement: Second Place, Scientific Abstract Presentation, Society of Uroradiology
I **Year:** 2008

Achievement: First Place, Scientific Abstract Presentation, Society of Uroradiology
I **Year:** 2009

Achievement: Outstanding Radiology Research Award, University of Michigan Health System, Department of Radiology I **Year:** 2009

Achievement: First Place, Scientific Poster Award (3rd author), Society of Uroradiology
I **Year:** 2010

Achievement: Memorial Award for "outstanding original manuscript", Association of University Radiologists Annual Meeting I **Year:** 2010

Achievement: Executive Council Award, American Roentgen Ray Society, Annual Meeting
I **Year:** 2010

Achievement: Outstanding Radiology Research Award, University of Michigan Health System, Department of Radiology I **Year:** 2010

Achievement: Nuclear Medicine Excellence in Research Award, University of Michigan Health System, Department of Radiology I **Year:** 2010

Achievement: Honorable Mention, Scientific Abstract, European Society of Uroradiology, Annual Meeting I **Year:** 2010

Achievement: Research Prize, Radiological Society of North America I **Year:** 2011

Achievement: Hounsfield Award, Society of Computed Body Tomography and Magnetic Resonance Imaging (best CT manuscript at the annual meeting) I **Year:** 2011

Achievement: Alexander R. Margulis Award for Scientific Excellence (annual award for the best original scientific article published in Radiology), Radiological Society of North America I **Year:** 2013

Achievement: Lauterbur Award, Society of Computed Body Tomography and Magnetic Resonance Imaging (best MR manuscript at the annual meeting) I **Year:** 2013

Achievement: Hounsfield Award, Society of Computed Body Tomography and Magnetic Resonance Imaging (best CT manuscript at the annual meeting) I **Year:** 2012

Achievement: Best Scientific Oral Presentation: Improving Clinical Practice, Society of Abdominal Radiology I **Year:** 2018

Achievement: DFP paper of the year, twice in a row, in Abdominal Radiology (years: 2019 and 2020) I **Year:** 2019

List awards, honors, recognitions and achievements that may or may not be medically related.

Do you have additional recognitions or achievements to report?

Yes

Additional Recognitions

Recognitions/Achievements

Society or Institute: Department of Urology, Michigan Medicine | **Details of Recognition or Achievement:** "In recognition of outstanding collaboration and cooperation in the care of Urologic patients", Department of Urology, Faculty Awards, Michigan Medicine | **Start Date:** 2019 | **End Date:** 2019

Page: Code Of Ethics

Please select Yes or No to the following Code of Ethics questions, and explain the circumstance and outcome where applicable. Additionally, there are two required attestations at the end of this list.

1. Have you ever been convicted of a felony or misdemeanor under any federal, state, or local law, pled "no contest" or "nolo contendere," or entered into a plea bargain regarding such felony or misdemeanor?

No

2. Have you ever been denied clinical privileges or voluntarily surrendered your clinical privileges while under investigation, been censured or warned, or requested to withdraw from the staff of any medical school, residency, or fellowship training, hospital, nursing home, health care facility, or health care provider?

No

3. Have you ever had any of the following disciplinary actions taken against your license to practice medicine, DEA permit, state controlled substances registration, Medicaid, or are any such actions pending?

No

4. Have you ever surrendered a state medical license while under investigation or in lieu of investigation or disciplinary action?

No

5. Have you ever had any membership in a national, state, or local professional society revoked, suspended, or sanctioned?

No

6. Have you voluntarily withdrawn from any professional society while under investigation, or in lieu of disciplinary action?

No

7. Has any group practice or department in which you previously or currently serve imposed any disciplinary action against you?

No

8. Professionalism represents a duty to those we serve, our patients; a duty to those at whose pleasure we serve, our society; and a duty to those with whom we serve, our colleagues and thus our profession itself. Do you affirm your ethical behavior in the profession?

Yes

Attestation

I agree to abide by the current bylaws, policies, and procedures of the College and the Association and any further revisions thereof.

Professionalism Attestation

I hereby pledge to uphold the Code of Ethics, including its principles that serve as goals of exemplary professional conduct for which ACR members should constantly strive and its rules of specific minimal standards of professional conduct.

Page: Submit to Chapter

Submit to Chapter is the final step to your FACR application.

*** You must click on the Save and Submit button below to submit your complete application ***

*** An incomplete application will not submit; all required components must be entered including at least two uploaded endorsement letters before submitting the application.** Direct outreach to the potential endorsing Fellows is advised if you do not have the required endorsement letters within two weeks of the chapter deadline. **Please do not submit your application if you are awaiting a third or fourth endorsement; your application will not include these letters if you submit your FACR application before those letters are electronically received.**

Identify your chapter's [submission deadline](#); late submissions are not accepted.

A submitted application cannot be edited (no changes and no new content). All complete applications are submitted to the chapter on the following business day after a chapter deadline.

NOTE: If you are a radiation oncologist and would like to submit your application to the CARROS chapter for your application review OR if are applying as an active duty military member, please contact FACR@acr.org to update your application review selection; otherwise, the default chapter review will be from your primary chapter affiliation to where you are paying chapter membership dues.

- 1) Chapter: Your application will undergo a chapter review where candidates are either recommended or not approved.
- 2) CFC: If recommended by the chapter, your application will be reviewed by the ACR Committee on Fellowship Credentials. If your application is not approved at the chapter level, you will receive written notification from your chapter leadership.
- 3) BOC: If you are nominated by the CFC, the ACR Board of Chancellors determines which candidates will be approved to receive the award. Notifications to candidates will be mailed and emailed in October or November. If your address or email change this year, please update your ACR profile to update that change.

Reminder: FACR is a distinguished award and a level of membership. Candidates are required to submit 2021 membership dues before June 30, 2021.

*Candidates must continue employment at least part-time given that retired members are not eligible to apply to become ACR Fellows. You may not submit an ACR retired member form until after your convocation ceremony, if approved as a candidate.

* If selected to become a Fellow, your participation at the April 2022 convocation in Washington D.C. is necessary in order for the award to be conferred. If your approval is deferred, you will be invited to participate in a postdated convocation in a subsequent year.

Email FACR@acr.org if you have any questions before clicking on Save and Submit below.

Best of luck to you with your ACR Fellowship application!

Chapter / Branch of Service

Michigan Radiological Society

CURRICULUM VITAE

MATTHEW S. DAVENPORT, MD, FSAB, FSAR
Associate Professor of Radiology and Urology
Associate Chair of Operations
Service Chief for Radiology

University of Michigan Health System
Department of Radiology
Section of Abdominal Radiology, Room B2-A209A
1500 E. Medical Center Drive
Ann Arbor, MI 48109
Phone: 734-232-2095
matdaven@med.umich.edu

Education

Undergraduate	8/1997–6/2001	Bachelor of Science (B.S.), Biological Sciences Bachelor of Arts (B.A.), Psychology Phi Beta Kappa McKibben Medal “most outstanding graduating man” University of Cincinnati, Cincinnati OH
Graduate	7/2001–6/2005	Doctor of Medicine (M.D.) Alpha Omega Alpha University of Cincinnati College of Medicine Cincinnati, OH

Postgraduate Training

7/2005–6/2006	Preliminary Year, Internal Medicine, The Jewish Hospital, Cincinnati OH
7/2006–6/2010	Diagnostic Radiology Residency Program, University of Michigan Health System, Ann Arbor, MI Chief Resident, 2009
7/2010–6/2011	Abdominal Radiology Fellowship Program Duke University Medical Center, Durham NC
1/2014–1/2014	RSNA Clinical Trials Methodology Workshop Scottsdale, AZ
10/2014–5/2015	Patient Safety and Quality Leadership (PASQUAL) Scholars Program University of Michigan Health System, Ann Arbor MI
3/2016–6/2016	Linkage Leadership Academy, Ann Arbor MI
1/2018–4/2018	AAMC, Teaching for Quality Certificate Program (Te4Q)
3/15/2018	Optimizing the Philanthropic Opportunity Seminar
5/29/2018	Unconscious Bias Seminar
7/2018-9/2018	Root Cause Analysis Training
9/2020	Exploring Everyday Bias – an interactive RSNA leadership workshop

Certification

9/2007	American Board of Radiology (ABR) Physics Examination – Pass
--------	--

9/2009 American Board of Radiology (ABR) Clinical Examination – Pass
6/2010 American Board of Radiology (ABR) Oral Examination – Pass
2011-present Basic Life Support (BLS) Provider

Academic, Administrative and Clinical Appointments

7/2008–6/2010 “Moonlighting” Radiologist, St. Joseph Mercy Hospital, 5301 McAuley Drive, Ypsilanti, MI

7/2008–6/2010 “Moonlighting” Radiologist, Chelsea Community Hospital, 775 South Main Street, Chelsea, MI

7/2008–6/2010 “Moonlighting” Radiologist, St. Joseph Mercy Livingston Hospital, 620 Byron Road, Howell, MI

7/2008–6/2010 “Moonlighting” Radiologist, St. Joseph Mercy Saline Hospital, 400 Russell Street, Saline, MI

7/2008–6/2010 “Moonlighting” Radiologist, Bixby Medical Center, 818 Riverside Avenue, Adrian, MI

7/2008–6/2010 “Moonlighting” Radiologist, Herrick Memorial Hospital, 500 East Pottawatomie Street, Tecumseh, MI

7/2009–8/2010 “Moonlighting” Radiologist, St. Mary’s Hospital, 36475 Five Mile Road, Livonia, MI

7/2009–6/2010 Medical Consultant, United States Department of Justice

7/2011–8/2016 Assistant Professor (Radiology, Clinical Track), University of Michigan Health System, Department of Radiology, Section of Abdominal Radiology, 1500 East Medical Center Drive, Ann Arbor, MI

12/2013– UMHS CSC (Clinical Simulation Center) Faculty Member, University of Michigan Clinical Simulation Center

7/2014–8/2019 Chair, Michigan Radiology Quality Collaborative, University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI

10/2014–8/2016 Assistant Professor (Urology), University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI

12/2015–12/2019 Director, Body MRI, University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI

- 7/2016–8/2019 Associate Chair for Quality, Department of Radiology, University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI
- 9/2016– Associate Professor (Radiology, Clinical Track), University of Michigan Health System, Department of Radiology, Section of Abdominal Radiology, 1500 East Medical Center Drive, Ann Arbor, MI
- 9/2016– Associate Professor (Urology), University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI
- 7/2019– Associate Chair for Operations, Department of Radiology, University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI
- 8/2019– Service Chief for Radiology, University of Michigan Health System, Department of Urology, 1500 East Medical Center Drive, Ann Arbor, MI

Grants / Other Support

Active

1. NCI John Wei (PI) 8/1/2018 – 3/31/2020
 NCI Early Detection Research Network: EDRN Prostate cancer Biomarker Study
 Role: Co-investigator
 Support: 10% effort (1.2 calendar months)
2. 1R37CA22282901A1 Guan Xu (PI) 1/18/2019-12/31/2023
 Real Time Fine Needle Assessment of Architectural Heterogeneity in Prostate Cancer
 \$3,032,113
 Support: 5% effort (0.6 calendar months)
3. 1U01CA230694-01 Amit Singal / Neehar Parikh 9/14/2018-7/31/2023
 Precision Risk Stratification and Screening for HCC among Patients with Cirrhosis in the United States
 \$137,771
 Support: 14% (1.7 calendar months) in years 1 and 4, 10% (1.2 calendar months) in year 2
4. Muskegon Radiology remote prostate MRI QA program 1/1/2019 – 6/30/2020
 Role: Director
 Support: Per-case fee (average: 20 examinations per month)
 Goals: Improve prostate MR reporting and technical standards at Muskegon Radiology in Muskegon, MI in partnership with West Shore Urology through remote second interpretations and quality control of prostate MR examinations performed at that center

5. Prostate SPORE Arul Chinnaiyan (PI) 9/1/2019-8/31/2024
National Institutes of Health CA186786
Summary: Radiologist liaison for the University of Michigan prostate SPORE
Support: 2.5% effort (0.30 CM) Directs: \$6,320,159

Pending

1. NIH Neehar Parikh (PI)
Transarterial Chemoembolization (TACE) vs Transarterial Radioembolization (TARE) for the
Treatment of Hepatocellular Carcinoma: A Multicenter Randomized Phase 2
Support: 10% effort (1.2 calendar months)

2. NCI SBIR Yashar Niknafs / Arul Chinnaiyan (PI)
MPS (MyProstateScore) and mpMRI for detection of high-grade prostate cancer
Support: Consultant per-hour fee (minimum: 40 hours / 2 years)

Completed

1. Award 790300 Matthew Davenport (PI) 4/1/2012-3/31/2014
Society of UroRadiology Research Grant
Multivariate analysis of intravenous iodinated contrast material administration: what is the true
effect on renal function?

Summary: This analysis isolated and quantified the role of intravenous contrast material as a
causative agent for acute kidney injury while minimizing selection bias that contaminated prior
smaller reports.

Role: PI

Support: 5% effort (0.60 CM) \$10,000 direct costs

Faculty salary was not included in the grant. No measurable effort was given for this grant
award. Only direct costs are provided to enable statistical support and computing software /
hardware. The listed effort (5% [0.60 CM]) is an estimate of the measurable effort directed
toward this grant by Dr. Davenport.

2. Award: W81XWH-09-1-0146 Maha Hussain (PI) 2/1/2013-6/30/2014
Department of Defense

Summary: This was a funded effort to assess chemotherapy response in patients on a variety of
tumor treatment protocols. My role was performing RECIST tumor measurements for enrolled
patients.

Role: Consultant

Support: 4% effort (0.48 CM) Annual Directs: \$212,575

3. Award 895800 Matthew Davenport (PI) 4/1/2013-12/31/2014
Repeatability Assessment of Quantitative DCE-MRI and DWE: A Multicenter Study of
Functional Imaging Standardization in the Prostate, American College of Radiology Imaging
Network (ACRIN)

Summary: ACRIN 6701 QIBA is a test-retest assessment of quantitative MR measurements of
whole prostate and prostate tumor lesions on DCE-MRI and DWI scans.

Role: Site PI

5% effort (0.60 CM) \$15,000 direct costs

Faculty salary is not included in the grant. Only direct costs are provided to finance the MR studies and clinical coordinator support. The listed effort (5% [0.60 CM]) is an estimate of the measurable effort directed toward this grant by Dr. Davenport.

4. Faculty Discretionary Funding Alva (PI) 5/1/2014-4/30/2015
Renal cell carcinoma response to systemic therapy.
Role: Co-investigator, radiology tumor response assessment
Support: 2% effort (0.24 CM)

5. W81XWH-09-1-0147 Scher (PI) 11/01/2014 – 03/31/2015
MSKCC / DOD PCCTC Affiliate Clinical Research Sites - The University of Michigan Site
Summary: 1). Informative, sequential trial development with individual trials incorporating A) outcome measures corresponding to the unmet needs associated with the specific clinical state of the disease for which the drug is being tested and B) biomarkers tailored to the compound's mechanism of action. 2). Investigator-initiated trials that optimize dose, explore novel combinations, and lead to the discovery and validation of predictive biomarkers of sensitivity that can guide the use of an investigational product.
Support: 4% effort (0.48 CM)

6. Patient Safety and Quality Leadership (PASQUAL) Scholars Program 10/15/2014-5/27/2015
Summary: University of Michigan patient safety, quality, and leadership program. Membership and protected time sponsored by the Department of Radiology at the University of Michigan Health System
Support: 10% effort (1.2 CM)

7. Prostate Cancer Foundation Grant N009862 Maha Hussain (PI) 1/1/2008 – 12/31/2015
Summary: RECIST measurements for response to therapy in patients with metastatic prostate cancer.
Support: 4% effort (0.48 CM)

8. W81XH1520018 Maha Hussain (PI) 6/15/2015-06/14/2016
The Prostate Cancer Clinical Trials Consortium: Application for coordinating center with clinical research site option.
Role: Co-Investigator
Support: 2% effort (0.24 CM) \$129,000

9. UMHS Clinical Simulation Center Mishal Mendiratta-Lala (PI) 9/2015 – 8/2016
Physical phantom simulation training for the preparation of radiology trainees to place image-guided drainage catheters in the clinical setting.
Role: Co-Investigator
Support: 2% effort (0.24 CM)

10. UMHS Department of Radiology Matthew Davenport (PI) 8/2015 – 8/2016
Bacterial contamination of CT gantries with MRSA
Support: Direct costs only (\$3,699)

High optimization of high-dose conformal therapy

Role: Co-Investigator

F036410- Project 1 (3% effort)

F036412- Project 2 (3% effort)

Total project direct cost award: \$8,858,767

Goals: Improve outcome in patients whose tumor data indicate poor initial response to treatment and whose normal tissue responses indicate that they would be more susceptible to complications

19. Radiological Society of North America Seed Grant Davenport (PI) 7/1/2015 – 6/30/2019

Summary: Intracranial gadoteridol deposition in a breast cancer screening population (previously: phase IV double-blind placebo-controlled non-inferiority randomized controlled trial investigating the incidence and significance of contrast-induced acute kidney injury in post-operative patients)

Support: \$40,000 direct costs; 10% effort (1.20 CM)

Faculty salary is not included in the grant. Only direct costs are provided to finance the trial. The listed effort (10% [1.20 CM]) is an estimate of the measurable effort directed toward this grant by Dr. Davenport.

20. UM LAPS U10 Grant Mark Zalupski (PI) 3/1/2014-2/28/2019

National Institutes of Health

Summary: Co-investigator and member of the board of directors for the University of Michigan NCTN LAPS-U10 award.

Support: 5% effort (0.60 CM) Annual Directs: \$518,552

21. Internal seed funding Prasad Shankar (PI) 9/13/2017 – 2019

Temporary health disutility of prostate MRI and transrectal biopsy in active surveillance prostate cancer patients

Role: co-investigator, senior mentor

Support: \$13,213 (direct costs)

22. 1. Prostate SPORE F036252 Arul Chinnaiyan (PI) 9/11/2014-8/31/2019

National Institutes of Health CA186786

Summary: Radiologist liaison for the University of Michigan prostate SPORE clinical applications committee

Support: 2.5% effort (0.30 CM) Annual Directs: \$2,272,400

23. UG1 Mark Zalupski (PI) 3/1/2019-1/30/2020

NCI National Clinical Trials Network (NCTN)—network lead academic participating sites NIH

Role: Co-investigator

Support: 2.5% effort (0.3 calendar months)

24. 1-R01-CA-211217-01-A1 Zhen Xu (PI) 1/9/2018-12/31/2022

Novel, Noninvasive, Rapid Tumor Ablation Technology using Histotripsy

Role: co-investigator
Support: 8% effort (0.96 CM) starting 1/2020

Honors and Awards

1997	Voorheis Cincinnatus Scholarship for Academic Achievement
1997	Mary Rowe Scholarship for Academic Achievement
1999	Research Experience for Undergraduates Grant for Biological Research
2000	Mortar Board Honorary Society
2000	Golden Key National Honors Society
2001	Phi Beta Kappa
2001	McKibben Medal for “most outstanding graduating man”
2001	National Dean’s List
2004	Alpha Omega Alpha (AOA) Medical Honor Society, University of Cincinnati College of Medicine
2007	Resident-in-Training Scholarship, Society of Interventional Radiology
2008	Second Place, Scientific Abstract Presentation, Society of Uroradiology
2009	First Place, ACR / AFIP Cardiac MRI Quiz Competition
2009	First Place Team, Member, Annual Michigan Radiological Society Quiz Bowl
2009	First Place, Scientific Abstract Presentation, Society of Uroradiology
2009	Outstanding Radiology Research Award, University of Michigan Health System, Department of Radiology
2009	Making a Difference Award, University of Michigan Health System
2010	First Place, Scientific Poster Award (3 rd author), Society of Uroradiology
2010	Memorial Award for “outstanding original manuscript”, Association of University Radiologists Annual Meeting
2010	First Place Team, Member, Kay Vydareny Film Interpretation Competition, Association of University Radiologists, Annual Meeting

- 2010 Executive Council Award, American Roentgen Ray Society, Annual Meeting
- 2010 Outstanding Radiology Research Award, University of Michigan Health System, Department of Radiology
- 2010 Nuclear Medicine Excellence in Research Award, University of Michigan Health System, Department of Radiology
- 2010 Honorable Mention, Scientific Abstract, European Society of Uroradiology, Annual Meeting
- 2011 Making a Difference Award, University of Michigan Health System
- 2011 Research Prize, Radiological Society of North America
- 2011 Hounsfield Award, Society of Computed Body Tomography and Magnetic Resonance Imaging (*best CT manuscript at the annual meeting*)
- 2012 Magna Cum Laude Award (*second author*), International Society for Magnetic Resonance in Medicine
- 2012 Third Place, Scientific Abstract Presentation, Society of Uroradiology
- 2012 Outstanding Educator Award (“Teacher of the Year”), University of Michigan Health System, Department of Radiology
- 2012 First Place Scientific Abstract Presentation (*mentored resident, second author*), European Society of Urogenital Radiology
- 2012 Cum Laude Award, Scientific Abstract Presentation (*mentored resident, second author*), Society of Computed Body Tomography and Magnetic Resonance Imaging
- 2012 Best Case Presentation, “Things I wished I’d done differently”, Society of Computed Body Tomography and Magnetic Resonance Imaging
- 2012 Hounsfield Award, Society of Computed Body Tomography and Magnetic Resonance Imaging (*best CT manuscript at the annual meeting*)
- 2013 Excellence in Teaching Award, University of Michigan Health System, Department of Radiology
- 2013 Lauterbur Award, Society of Computed Body Tomography and Magnetic Resonance Imaging (*best MR manuscript at the annual meeting*)
- 2013 Alexander R. Margulis Award for Scientific Excellence (annual award for the best original scientific article published in *Radiology*), Radiological Society of North America

- 2014 Editor's Award with Special Distinction for manuscript review, *Radiology*
- 2014 Michigan Radiological Society Abstract Award, 1st place, Preston M. Hickey Memorial Lecture (*mentored resident, senior author*)
- 2014 Fellow, Society of Abdominal Radiology
- 2014 Fellow, Society of Computed Body Tomography and Magnetic Resonance
- 2014 (*mentee recipient*) Hounsfield Award, (*second author, faculty mentor, presented to Benjamin Mervak, M.D. [PGY-IV]*), Society of Computed Body Tomography and Magnetic Resonance Imaging (*best CT manuscript at the annual meeting*)
- 2014 (*mentee recipient*) Merit Award, (*second author, faculty mentor, presented to Kimberly Shampain, M.D. [PGY-III]*), Society of Computed Body Tomography and Magnetic Resonance Imaging
- 2014 "Making a Difference Award", University of Michigan Health System
- 2015 Editor's Award with Special Distinction for manuscript review, *Radiology*
- 2015 "Making a Difference Award", University of Michigan Health System
- 2015 (*mentee recipient*) Resident Radiology Research Award (*mentored resident, Jeet Patel MD, 1 of 2 awarded in 2015*)
- 2015 (*mentee recipient*) Resident Radiology Research Award (*mentored resident, Ben Mervak MD, 1 of 2 awarded in 2015*)
- 2015 (*mentee recipient*) ESUR Scientific Session Second Place Award, (*senior author, faculty mentor, presented to Ben Mervak, M.D. [PGY-V]*), European Society of Urogenital Radiology
- 2015 (*mentee recipient*) Hounsfield Award, (*senior author, faculty mentor, presented to Benjamin Mervak, M.D. [PGY-V]*), Society of Computed Body Tomography and Magnetic Resonance Imaging (*best CT manuscript at the annual meeting*)
- 2015 Best Doctors in America
- 2016 RSNA Advanced Level Quality Certificate
- 2016 (*mentee recipient*) SAR Travel Award (*senior author, faculty mentor, presented to W. Tania Rahman, M.D. [PGY-III]*), Society of Abdominal Radiology (*merit-based award for outstanding scientific abstract*)
- 2016 (*mentee recipient*) Alexander R. Margulis Award for Outstanding Scientific Presentation by a Trainee (*senior author, faculty mentor,*

- presented to Jordan Brown, M.D. [PGY-V]), Society of Abdominal Radiology*
- 2016 *(mentee recipient) Resident Radiology Research Award (mentored resident, Kushal Parikh MD, 1 of 2 awarded in 2016)*
- 2016 “Making a Difference Award”, University of Michigan Health System
- 2016 *(mentee recipient) RSNA Travel Award (mentored resident, presented to Isaac Wang MD [PG-III]), RSNA 2016*
- 2016 *(mentee recipient) RSNA Travel Award (mentored resident, presented to Jason Bailey MD [PG-V]), RSNA 2016*
- 2016 *(mentee recipient) RSNA Trainee Research Prize (senior author, faculty mentor, presented to Benjamin Mervak MD [PGY-VI]), RSNA 2016*
- 2016 *(mentee recipient) JACR Best in 2016 [Best JACR article published in 2016 for Clinical Practice Management] (senior author, faculty mentor, presented to Elliot Dickerson MD [PGY-V])*
- 2017 *(presented to first author Andrew Smith; middle author of abstract) Best scientific abstract in the clinical / practice improvement session, Society of Abdominal Radiology*
- 2017 *(mentee recipient) Young Investigator Award (senior author, faculty mentor, presented to Sean Woolen MD [PGY-IV])*
- 2018 Society of Abdominal Radiology (SAR) Richard H Marshak International Lecturer
- 2018 Best Scientific Oral Presentation: Improving Clinical Practice, Society of Abdominal Radiology
- 2018 Excellence in Teaching Award, University of Michigan Health System, Department of Radiology
- 2018 “Making a Difference” Award, University of Michigan Health System
- 2018 *(mentee recipient) RSNA Travel Award (mentored resident, presented to Christopher Centonze MD [PGY-IV]), RSNA 2018*
- 2019 *(mentee recipient) Memorial Award (mentored resident, presented to Christopher Centonze MD [PGY-IV]), Association for University Radiologists (AUR)*
- 2019 Best Scientific Paper: Hot Topics in GU *(senior author, presented to first author and mentored faculty Nelly Tan MD from Loma Linda), Society of*

Abdominal Radiology

- 2019 Best Scientific Paper: At the Cutting Edge (*co-author, presented to senior author Richard Cohan MD*), Society of Abdominal Radiology
- 2019 “In recognition of outstanding collaboration and cooperation in the care of Urologic patients”, Department of Urology, Faculty Awards, Michigan Medicine
- 2019 Honored Educator Award, Radiological Society of North America
- 2019 DFP Paper of the Year published in Abdominal Radiology: *Standardized report template for indeterminate renal masses at CT and MRI: a collaborative product of the SAR Disease-Focused Panel on Renal Cell Carcinoma*. First author.
- 2020 Best Educational Poster: *Fidelity of documentation for hypersensitivity reactions to iodinated contrast media (co-author, presented to mentee UTSW resident Nathan Melke DO)*. UT Southwestern Radiology Research Day, Dallas TX
- 2020 Honored Educator Award, Radiological Society of North America
- 2020 Cum Laude: *Implementing Bosniak v2019: challenges and practical tips (Co-Author, presented to Fernando Coelho MD)*, Radiological Society of North America
- 2020 DFP Paper of the Year published in Abdominal Radiology: *Lexicon for renal mass terms at CT and MRI: a consensus of the society of abdominal radiology disease-focused panel on renal cell carcinoma*. Second author.
- 2021 AJR Live selection (1 neuroradiology article published in AJR in year 2020 selected by section editor for AJR Live): *Differences in outcomes associated with individual radiologists for emergency department patients with headache imaged with CT: a retrospective cohort study of 25,596 patients*. American Roentgen Ray Society

Membership in Professional Societies

- 2007–2012 Society of Uroradiology (SUR) [merged in 2012 to form SAR]
- 2007– Radiological Society of North America (RSNA)
- 2007– American Roentgen Ray Society (ARRS)
- 2007– American College of Radiology (ACR)
- 2010– Society of Advanced Body Imaging (formerly: Society of Computed Body Tomography and Magnetic Resonance); “Fellow” status granted 2014
- 2010– Hodges Society
- 2012– Society of Abdominal Radiology (SAR); “Fellow” status granted 2014

Peer-Review Service

Journal Reviewer

2011–	Urology
2011–	Prostate Cancer and Prostatic Diseases
2011–	Pancreas
2011–	Acta Radiologica
2012–	Journal of Hospital Medicine
2012–	Medical Physics
2012–	Radiology 2015-present, Associate Editor (contrast media)
2012–	European Radiology
2013–	Critical Care Medicine
2013–	Journal of Vascular and Interventional Radiology
2013–	Journal of Clinical Endocrinology
2014–	JAMA (Journal of the American Medical Association)
2014–	The Netherlands Journal of Medicine
2015–	Journal of the American College of Radiology (JACR)
2017–	Urologic Oncology: Seminars and Original Investigations
2018–	European Journal of Endocrinology
2018–	BMJ (British Medical Journal)
2018–	Pediatric Radiology
2018–	Journal of Patient Experience
2018–	American Journal of Kidney Disease
2019–	Gastroenterology
2019–	European Urology
2019–	Liver Transplantation

Scientific Abstract Reviewer

2010–2011	American Roentgen Ray Society, Annual Meeting, Genitourinary Section
2011–2017	Radiological Society of North America, Annual Meeting, Genitourinary Section
2013–	Society of Computed Body Tomography and Magnetic Resonance, Annual Meeting
2016–	Radiological Society of North America, Annual Meeting, Quality Improvement
2016–	American College of Radiology, Annual Meeting
2018–	Society of Abdominal Radiology, Annual Meeting

External Reviews for Faculty Promotion

2017	University of Ottawa – Nicola Schieda MD: Associate Professor
------	---

2017	Mayo Clinic – Robert McDonald MD PhD: Associate Professor
2018	Harvard Medical School – Atul Shinagare MD: Associate Professor
2019	Mayo Clinic – Jennifer McDonald PhD: Associate Professor
2020	UCSF – Sean Woolen MD: Assistant Professor

Teaching

Invited Presentations (Local)

1. **Davenport MS**, “Utility of delayed whole body bone scintigraphy following directed 3-phase examinations. University of Michigan Health System, Department of Radiology, Grand Rounds, 11/2008
2. **Davenport MS**. “Basic computed tomography physics and interpretation”. University of Michigan Health System, Department of Internal Medicine, Morning Report, 9/2009.
3. **Davenport MS**. “Treatment of contrast-related complications”, University of Michigan Health System, Department of Radiology, Contrast Reaction Course, 10/2009.
4. **Davenport MS**. “Basic plain film interpretation and x-ray physics”. University of Michigan Health System, Department of Internal Medicine, Ambulatory Conference. 10/2009, repeated 1/2010.
5. **Davenport MS**. “Treatment of contrast reactions”, University of Michigan Health System, Department of Radiology, Contrast Reaction Course, 9/2010, 9/2011
6. Leder R, **Davenport MS**. “Contrast Media Update”, Duke University Medical Center, Department of Radiology, Grand Rounds, 9/2010.
7. **Davenport MS**. “Basic Computed Tomography of the Abdomen and Pelvis”, Duke University Medical Center, Department of Radiology, 10/2010.
8. **Davenport MS**, “MR Imaging of Prostate Cancer”, Duke University Medical Center, Prostate Cancer Workgroup, 10/2010.
9. **Davenport MS**, “Management of acute contrast reactions”, Duke University Medical Center, Radiation Oncology Department, 1/2011
10. **Davenport MS**, “GU Board Review: 1”, Duke University Medical Center, Radiology Department, Resident Oral Board Review, 2/2011
11. **Davenport MS**, “GU Board Review: 2”, Duke University Medical Center, Radiology Department, Resident Oral Board Review, 3/2011
12. **Davenport MS**, “GU Section, Mock Oral Boards”, Radiology Department, Duke University Medical Center, 4/2011

13. **Davenport MS**, “Prostate MRI – Didn’t we give up on this 10 years ago? GU Oncology Multidisciplinary Conference, Duke University Medical Center, 6/2011
14. **Davenport MS**, “Corticosteroid Prophylaxis”, University of Michigan Health System, Contrast Reaction Course, 9/2011
15. Cohan RH, **Davenport MS**, “University of Michigan Contrast Media Policies”, University of Michigan Health System, Grand Rounds, Department of Radiology, 11/2012.
16. **Davenport MS**, “Bladder-Related Imaging: An Indication-Based Review”, Urogynecology Multidisciplinary Conference, University of Michigan Health System, 7/17/2013.
17. **Davenport MS**, “Core Exam Review”, University of Michigan Health System, 8/20/2013.
18. **Davenport MS**, “Corticosteroid Premedication”, University of Michigan Health System, 8/21/2013, 8/20/2014
19. **Davenport MS**, “Management of acute contrast reactions”, University of Michigan Health System, 8/21/2013
20. **Davenport MS**, “The Shifting Landscape of Contrast-Induced Nephrotoxicity”, 100th Anniversary of the Radiology Department (CME course), University of Michigan Health System, 10/2013
21. **Davenport MS**, Hussain HK. “Standardizing hepatocellular carcinoma reporting”, Department of Radiology Grand Rounds, University of Michigan Health System, 10/30/2013.
22. **Davenport MS**. “What really works to prevent contrast-induced nephrotoxicity?” Update on Advanced Cardiac Imaging CME Course, University of Michigan Health System, 3/8/2014.
23. **Davenport MS**, “Core Exam Review: Contrast Media”, University of Michigan Health System, 4/10/2014.
24. **Davenport MS**, “Technique and future of prostate MRI”, Fellows conference, University of Michigan Health System, 4/2014
25. **Davenport MS**, “When and How to Use Epinephrine in the Radiology Department”, University of Michigan Health System, Department of Radiology 8/20/2014
26. **Davenport MS**, “Quality Indicators”, Faculty meeting, University of Michigan Health System, Department of Radiology 10/22/2014

27. **Davenport MS**, “Faculty interpretation of prostate MRI”, University of Michigan Health System, Department of Radiology 12/11/2014
28. **Davenport MS**, “Intravenous contrast media-related complications”, Residency interviewee lecture, University of Michigan Health System, Department of Radiology 12/12/2014
29. **Davenport MS**, “Quality Revolution in the U.S. 2010-2013”, Faculty meeting, University of Michigan Health System, Department of Radiology 12/17/2014 and 1/14/2015.
30. **Davenport MS**, “Prostate MRI”, Grand Rounds, Department of Urology, University of Michigan Health System, 6/11/2015
31. **Davenport MS**, “Department of Radiology Quality Program”, Medical Staff Quality Committee Meeting, Michigan University of Michigan Health System, 6/23/2015
32. **Davenport MS**, “Contrast Media Reactions: Simulation Training”, Clinical Simulation Center, University of Michigan Health System, 7/7/2015
33. **Davenport MS**, “CIN”, University of Michigan Health System, Department of Radiology, Contrast Reaction Course, 8/17/2015
34. **Davenport MS**, “Prostate MRI at UM and Across the State of Michigan”, prostate SPORE, University of Michigan, 8/4/2016
35. **Davenport MS**, “Radiology quality assurance: We need to change”, Faculty meeting, University of Michigan Health System, Department of Radiology 9/14/2016.
36. **Davenport MS**, “Michigan Radiology Quality Collaborative: The first two years”, Grand Rounds, University of Michigan Health System, Department of Radiology 10/5/2016
37. **Davenport MS**, “Eovist: Technical Considerations”, Resident Applicant Interview Lecture, University of Michigan Health System, Department of Radiology 11/14/2016
38. **Davenport MS**, “HCC Diagnosis and Response Assessment”, Division of Interventional Radiology, University of Michigan Health System 6/9/2017
39. **Davenport MS**, “MRQC: Novel Radiology QA Indicators”, University of Michigan Department of Radiology, Faculty Meeting, 6/27/2017
40. **Davenport MS**, “Contrast Media at UM”, University of Michigan Department of Radiology, Noon Conference 7/12/2017
41. **Davenport MS**, “Contrast Media: Myths and Science”, University of Michigan Department of Radiology, Research Symposium, 7/17/2017

42. **Davenport MS**, “Contrast Media: The Important Stuff”, University of Michigan Contrast Course, Department of Radiology, 8/16/2017
43. **Davenport MS**, “The Diagnostic Process: More Than Just Interpreting Images”, Interview Day Lecture, Department of Radiology, 10/30/2017
44. **Davenport MS**, “Michigan Radiology Quality Collaborative”, Michigan Quality Council, Michigan Medicine, 11/16/2017
45. **Davenport MS**, “MRQC: Effective Communication, Gadolinium Updates”, University of Michigan Department of Radiology, Faculty Meeting, 12/20/2017
46. **Davenport MS**, “Liver Tumor Board: Basics and Details”, First Invitational Lecture, University of Michigan Department of Radiology, 3/13/2018
47. **Davenport MS**, “Communication and professionalism”, University of Michigan Department of Radiology, Faculty Meeting, 5/30/2018
48. **Davenport MS**, “360 evaluations”, University of Michigan Department of Radiology, Faculty Meeting, 6/27/2018
49. **Davenport MS**, “Contrast media controversies”, University of Michigan Department of Internal Medicine, Grand Rounds, 6/29/2018
50. **Davenport MS**, “Contrast media basics”, University of Michigan Department of Radiology, Incoming faculty presentation, 7/16/2018
51. **Davenport MS**, “Prostate MRI: ensuring quality care”, Reed M. Nesbit Society Guest Speaker, Michigan Medicine, 9/21/2018
52. **Davenport MS**, “Clinical faculty promotions: Research Scholar track”, New Faculty Orientation, Michigan Medicine, 10/18/2018
53. **Davenport MS**, “CT body composition assessment”, fellows lecture, Michigan Medicine, 10/19/2018
54. **Davenport MS**, “Living liver donor assessment at CT”, fellows lecture, Michigan Medicine, 10/19/2018
55. **Davenport MS**, “Renal mass MRI basics and reporting”, urology resident lecture, Michigan Medicine, 12/19/2018
56. **Davenport MS**, “Research design, p-values, and methodological rigor”, Abdominal Faculty Journal Club, Michigan Medicine, 1/9/2019
57. **Davenport MS**, “Creating an institutional quality collaborative”, AAMC Teaching for

Quality Course (Te4Q), Michigan Medicine, 1/10/2019

58. **Davenport MS**, “Contrast reaction and extravasation management”, Certified Radiology Nurse Review Course, Michigan Medicine, 1/12/2019

59. **Davenport MS**, “Why in healthcare do we ignore quality?”, Noon conference, Michigan Medicine, 1/24/2019

60. **Davenport MS**, “CT scanning and nephrectomy: overdiagnosis and overtreatment”, Abdominal Radiology Journal Club, Michigan Medicine, 3/6/2019

61. **Davenport MS**, “Prostate MRI basics and case review”, Radiation Oncology Residents Conference, Michigan Medicine, 5/10/2019

62. **Davenport MS**, “Contrast media safety overview”, New trainee orientation, Department of Radiology, Michigan Medicine, 7/8/2019

63. **Davenport MS**, “Communication in Radiology”, Department of Radiology, Michigan Medicine, 8/9/2019

64. **Davenport MS**, “Contrast media: the interesting stuff”, Department of Radiology Contrast Course, Michigan Medicine, 8/20/2019

65. **Davenport MS**, “Balancing workload, academic productivity, and emotional wellness”, Department of Physical Medicine and Rehabilitation, Michigan Medicine, 12/12/2019

66. **Davenport MS**, “Making major career decisions”, Department of Physical Medicine and Rehabilitation, Michigan Medicine, 12/12/2019

67. **Davenport MS**, “Bosniak v.2019”, Department of Urology, Michigan Medicine, 12/17/2019

68. **Davenport MS**, “Bosniak v.2019”, Department of Radiology, Michigan Medicine, 12/20/2019

69. **Davenport MS**, “Balancing workload, academic productivity, and emotional wellness”, Department of Radiology, Michigan Medicine, 12/20/2019

70. **Davenport MS**, “Team building and effective communication: interactive experience”, Cross-sectional Interventional Radiology, Michigan Medicine, 1/9/2020

71. **Davenport MS**, “Hepatocellular carcinoma imaging”, Radiation Oncology resident teaching conference, Michigan Medicine 1/17/2020

72. **Davenport MS**, “Risk of nephrogenic systemic fibrosis from gadoxetic acid”, Abdominal Radiology Journal Club, Michigan Medicine, 10/7/2020

73. **Davenport MS**, “Bosniak v.2019”, Urology Residents, Michigan Medicine, 11/17/2020
74. **Davenport MS**, “Prostate MRI”, Urology Residents, Michigan Medicine, 11/17/2020
75. **Davenport MS**, “GU Cases: Part 1”, Radiology Residents, Michigan Medicine, 1/5/2021
76. **Davenport MS**, “GU Cases: Part 2”, Radiology Residents, Michigan Medicine, 1/5/2021
77. **Davenport MS**, “Board Review Part 1”, Radiology Residents, Michigan Medicine, 1/7/2021
78. **Davenport MS**, “Board Review Part 2”, Radiology Residents, Michigan Medicine, 1/7/2021

Extramural Seminars and Presentations

1. Cohan RH, **Davenport MS**, Ellis JH. “Roid rage: the continuing battle over steroid preps”. Society of Uroradiology Annual Meeting (2010)
2. Cohan RH, **Davenport MS**. “A patient is crashing in your CT suite after receiving IV contrast. Do you know what to do?” Society of Uroradiology Annual Meeting (2011)
3. **Davenport MS**. “Corticosteroid Prophylaxis”, European Society of Uroradiology, Annual Meeting (2011)
4. Leder R, **Davenport MS**. “Contrast Media Update 2011: Pre-assessment strategies and contrast reaction management”, American College of Radiology North Carolina Chapter, Annual Meeting, 3/2011
5. **Davenport MS**, Cohan RH, Ellis JH. “Contrast media controversies: premedication, CIN, renal functional assessment prior to contrast [IV contrast-induced nephrotoxicity: real, fake, or somewhere in-between?]”, Society of Uroradiology Annual Meeting (2012)
6. **Davenport MS**, Halvorsen RA. “Contrast Media Policies and Use of eGFR and Point of Care testing”, roundtable discussion faculty, Society of Computed Body Tomography and Magnetic Resonance Imaging, Annual Meeting, 2012.
7. **Davenport MS**, “Radiology Vortex”, ‘Cases I wish I’d done differently’, Society of Computed Body Tomography and Magnetic Resonance Imaging, Annual Meeting, 2012.
8. **Davenport MS**, “Management of Acute Contrast Reactions”, MD Anderson Cancer Center, Visiting Professor, 12/5/2012
9. **Davenport MS**, “The Shifting Landscape of Contrast-Induced Nephrotoxicity [CIN]”, MD Anderson Cancer Center Visiting Professor, 12/5/2012

10. **Davenport MS**, “Contrast Media”, University of Chicago, Specialty Review in Urology, 4/19/2013
11. **Davenport MS**, “Renal Infection”, University of Chicago, Specialty Review in Urology, 4/19/2013
12. **Davenport MS**, “Urolithiasis”, University of Chicago, Specialty Review in Urology, 4/19/2013
13. **Davenport MS**, “Scrotal Ultrasound”, University of Chicago, Specialty Review in Urology, 4/19/2013
14. **Davenport MS**, “Retroperitoneal Fibrosis”, University of Chicago, Specialty Review in Urology, 4/19/2013
15. **Davenport MS**, “Management of contrast-related complications”, Michigan Radiological Society Keynote Speaker, 10/24/2013.
16. **Davenport MS**, Caoili EM, “Percutaneous renal mass biopsy: Techniques and opportunities”, Society of Abdominal Radiology Annual Meeting (2013)
17. **Davenport MS**, “Current ACR guidelines for IV contrast media”, Society of Abdominal Radiology Annual Meeting (2013), Plenary Session
18. **Davenport MS**. Selected Radiology Podcast (radiology.rsna.org) re: A comparison of acute transient dyspnea following the intravenous administration of gadoxetate disodium and gadobenate dimeglumine: effect on arterial phase imaging quality. Podcast published on radiology.rsna.org (2013).
19. **Davenport MS** et al. Selected Radiology Podcast (radiology.rsna.org) re: Isolating the role of intravenously administered low-osmolality iodinated contrast material on the development of contrast-induced nephrotoxicity. Podcast published on radiology.rsna.org (2013).
20. **Davenport MS**, “Missed Cases: Technique and Process Limitations”, Plenary Session, Society of Abdominal Radiology Annual Meeting, 3/26/2014.
21. **Davenport MS**, “Report on the 2012 SUR grant award: Contrast-induced nephrotoxicity”, Society of Abdominal Radiology, Annual Meeting, 3/23/2014.
22. **Davenport MS**, “Adrenal glands”, University of Chicago, Specialty Review in Urology, 4/27/2014
23. **Davenport MS**, “Prostate MRI”, University of Chicago, Specialty Review in Urology, 4/27/2014
24. **Davenport MS**, McDonald RJ. Selected Radiology Podcast (radiology.rsna.org) re: Margulis Award and Contrast-Induced Nephrotoxicity. Podcast published on

radiology.rsna.org (2014).

25. **Davenport MS**, Newhouse JH, Hartman RP. “CIN: The Great Debate”, Society of Abdominal Radiology Annual Meeting (2014).
26. **Davenport MS**, Baron R. Selected Radiology Podcast (radiology.rsna.org) re: “Repeatability of major diagnostic features and scoring systems for hepatocellular carcinoma using dynamic contrast-enhanced magnetic resonance imaging”. Podcast published on radiology.rsna.org (2014).
27. **Unknown Case Panel**, Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR), Annual Meeting, 9/2014
28. **Davenport MS**, Essentials Course, “Intravenous contrast media”, Radiological Society of North America, Annual Meeting, 12/2014
29. **Davenport, MS**, Keynote Speaker, “CT contrast agents—administration and safety”, Radiological Society of North America, Annual Meeting, 12/2014
30. Montgomery JS, **Davenport MS**. “New facts of cancer: part 2”. Interviewed for a local news spot on Channel 7 and Channel 4 news (Northern Michigan) regarding fusion prostate biopsy technique and opportunity. 11/2014.
31. **Davenport MS**, “Prostate MRI”, Michigan Urological Surgery Improvement Collaborative (MUSIC), Quarterly Meeting, 1/30/2015
32. **Davenport MS**. “ABR-style core exam review: genitourinary imaging”, Yale Diagnostic Radiology, Visiting Professor, 2/26/2015.
33. **Davenport MS**. “Intravenous contrast media: contrast-induced AKI and other matters”, Yale Diagnostic Radiology, Visiting Professor, 2/26/2015.
34. **Davenport MS**. “Genitourinary imaging: Core Exam review”, Osler Institute, Crush the Core (Chicago, IL), 3/20/2015.
35. **Davenport MS**. “What makes a good screening test?” Society of Abdominal Radiology, Annual Meeting, 3/22/2015.
36. **Davenport MS**, Hussain HK. “Benefits and challenges of HCC reporting systems”, Society of Abdominal Radiology, Annual Meeting, 3/24/2015.
37. **Davenport MS**. “Prostate MRI”, Michigan State University, Department of Radiology, Atis K. Freimanis Visiting Professor, 4/7/2015
38. **Davenport MS**. “Contrast reaction management”, Michigan State University, Department of Radiology, Atis K. Freimanis Visiting Professor, 4/7/2015

39. **Davenport MS**. “Genitourinary imaging core exam review”, Michigan State University, Department of Radiology, Atis K. Freimanis Visiting Professor, 4/7/2015
40. **Davenport MS**. “Quality improvement in the academic medical center”, Association of University Radiologists (AUR), Annual Meeting, 4/14/2015
41. **Davenport MS**, “Contrast-induced acute kidney injury”, American Roentgen Ray Society (ARRS), Annual Meeting, 4/24/2015
42. **Davenport MS**, “Prostate MRI: Lecture and Hands-On Instruction”, 4 hours of instruction, Day-Long Prostate MRI Fusion Biopsy Course, University of Michigan Health System, Department of Urology, 6/13/2015.
43. **Davenport MS**, “Prostate MRI and Fusion Biopsy at the University of Michigan”, Northern Michigan, 7/15/2015
44. **Davenport MS**, “CIN: Can we agree on a definition?”, European Society of Urogenital Radiology (Copenhagen, Denmark), 9/19/2015
45. **Davenport MS**, “Cases I wish I could do over again”, Society of Computed Body Tomography and Magnetic Resonance, 10/8/2105
46. **Davenport MS**, “Structured debate (Opposing View): Should there be any contraindications for intravenous iodinated or gadolinium-based contrast media?” Society of Computed Body Tomography and Magnetic Resonance, 10/9/2105
47. **Davenport MS**, “Structured reporting for hepatocellular carcinoma”, Roundtable Leader, Society of Computed Body Tomography and Magnetic Resonance, 10/9/2105
48. **Davenport MS**, “Resident CORE exam review”, Visiting Professor, Rutgers Medical Center, 10/16/2015
49. **Davenport MS**, “Contrast-induced AKI and corticosteroid prophylaxis”, Visiting Professor, Rutgers Medical Center, 10/16/2015
50. **Davenport MS**, “Prostate MRI and Targeted Board Review” (4.5 hours of lecture and instruction), St. Mary’s Medical Center, Grand Rapids MI, 11/10/2015
51. **Davenport MS**, McDonald RJ, et al. Selected Radiology Podcast (radiology.rsna.org) re: Controversies in contrast medium-induced acute kidney injury: closing in on the truth? Podcast published on radiology.rsna.org (2015).
52. **Davenport MS**, Purysko A, Vilgrain V. Selected Radiology Podcast (radiology.rsna.org) re: Radiology Select v.7 Liver Imaging and Repeatability of major diagnostic features and scoring systems for hepatocellular carcinoma using dynamic contrast-enhanced magnetic resonance imaging. (2015)

53. **Davenport MS** (Keynote Speaker). “Safety and efficacy of corticosteroid prophylaxis”, Radiological Society of North America, Annual Meeting, 12/2015
54. **Davenport MS**. “Which contrast agent should I choose?” Radiological Society of North America, Annual Meeting, 12/2015
55. **Davenport MS**. “Gadolinium or iodinated contrast material for severe kidney disease?” Radiological Society of North America, Annual Meeting, 12/2015
56. **Davenport MS**. “Quality and Safety Research”, Radiological Society of North America, Annual Meeting, 12/2015
57. **Davenport MS**. “Contrast-induced AKI and other matters”, Visiting Professor, Brigham and Women’s Hospital, 1/2016
58. **Davenport MS**. “Genitourinary imaging board review”, Visiting Professor, Brigham and Women’s Hospital, 1/2016
59. **Davenport MS**. “Contrast-induced AKI and other matters”, Visiting Professor, Massachusetts General Hospital, 1/2016
60. **Davenport MS**. “Genitourinary imaging board review”, Visiting Professor, Massachusetts General Hospital, 1/2016
61. **Davenport MS**. “Contrast-induced AKI and other matters”, Visiting Professor, Beth Israel Deaconess Hospital, 1/2016
62. **Davenport MS**. “Genitourinary imaging board review”, Visiting Professor, Beth Israel Deaconess Hospital, 1/2016
63. **Davenport MS**. “Contrast-induced AKI and other matters”, Visiting Professor, New York University, 2/2016
64. **Davenport MS**. “Genitourinary imaging board review”, Visiting Professor, New York University, 2/2016
65. **Davenport MS**. “Corticosteroid prophylaxis: Efficacy, Risk, and Failure”, Visiting Professor, New York University, 2/2016
66. **Davenport MS**, Hussain HK. “Hepatobiliary MR Outside 2nd Interpretations: Adding Value”, Society of Abdominal Radiology Annual Meeting, 3/2016
67. **Davenport MS**, Pahade J, Sekhar A. “SAM: Mastering the Hepatopancreaticobiliary Tumor Board”, Society of Abdominal Radiology Annual Meeting, 3/2016
68. **Davenport MS**. Selected Radiology Podcast (radiology.rsna.org) re: Indirect Cost and Harm Attributable to Oral 13-Hour Inpatient Corticosteroid Prophylaxis before Contrast-Enhanced CT. Podcast published on radiology.rsna.org (2016).

69. **Davenport MS.** “Contrast-induced AKI and other matters”, Visiting Professor, Medical University of South Carolina, 4/2016
70. **Davenport MS.** “Genitourinary imaging board review”, Visiting Professor, Medical University of South Carolina, 4/2016
71. **Davenport MS.** “Corticosteroid prophylaxis: Efficacy, Risk, and Failure”, Visiting Professor, Medical University of South Carolina, 4/2016
72. **Davenport MS,** “Contrast-induced acute kidney injury”, American Roentgen Ray Society (ARRS), Annual Meeting, 4/21/2016
73. **Davenport MS,** “Contrast-induced AKI and other matters”, Earl Miller Visiting Professor, UCSF, 4/27/2016
74. **Davenport MS,** “Genitourinary core exam review”, Earl Miller Visiting Professor, UCSF, 4/27/2016
75. **Davenport MS,** “Prostate MRI: Raising the ceiling or raising the floor”, Earl Miller Visiting Professor, UCSF, 4/27/2016
76. **Davenport MS** (contrast media), Mayo-Smith WW (radiation), Brink JA (moderator). Optimizing outcomes with CT imaging: radiation and contrast monitoring. Medscape 2016; <http://www.medscape.org/viewarticle/861205>
77. **Davenport MS,** “Prostate MRI: Ensuring quality care”, Visiting Professor, Munson Medical Center, 6/6/2016
78. **Davenport MS,** “CIN: data and policy”, International Society of CT, Annual Meeting 2016
79. **Davenport MS,** “Who needs a steroid prep (if anyone)?”, International Society of CT, Annual Meeting 2016
80. **Davenport MS,** “Consensus CT reporting standards for renal masses”, International Society of CT, Annual Meeting 2016
81. **Davenport MS,** “Advanced CT communication with acute-care surgeons”, International Society of CT, Annual Meeting 2016
82. **Davenport MS,** “Contrast Media and Targeted Board Review” (4.5 hours of lecture and instruction), St. Mary’s Medical Center, Grand Rapids MI, 7/5/2016
83. **Davenport MS,** “Prostate MRI in Community Practice”, Visiting Professor, Regional Medical Imaging, 7/11/2016
84. **Davenport MS,** “Contrast-induced acute kidney injury and other matters”, Visiting Professor, Mallinckrodt Institute of Radiology, 7/22/2016

85. **Davenport MS**, “Contrast media 2016: What’s new?” SCBT-MR Annual Meeting 2016
86. **Davenport MS**, “Allergic-like reactions to GBCM”. Gadolinium symposium, SCBT-MR Annual Meeting 2016
87. **Davenport MS**, Morgan DE. “SCBT-MR Unknown Case Panel Presentation.” SCBT-MR Annual Meeting 2016
88. **Davenport MS**, “Bacterial contamination of CT equipment and the Michigan Radiology Quality Collaborative”. LCIR roundtable: Managing for success webcast, 10/26/2016
89. **Davenport MS**, “State of CIN following IV media.” Multi-institutional cancer center symposium on contrast-induced AKI and prophylaxis strategies, MD Anderson Cancer Center webcast, 10/28/2016
90. **Davenport MS**, “Quality and Safety Research”, RSNA annual meeting, 11/30/2016
91. **Davenport MS**, “Which [gadolinium-based] contrast agent should I choose?”, RSNA annual meeting, 11/29/2016
92. **Davenport MS**, “Controversies in contrast media: getting your questions answered (corticosteroid premedication)”, RSNA annual meeting, 11/28/2016.
93. **Davenport MS**, “Prostate MRI: Ensuring Quality Care”, Michigan Urological Society Improvement Collaborative (MUSIC), statewide meeting, 2/3/2017
94. **Davenport MS**, “Genitourinary imaging core exam review”, Medical College of Wisconsin, 2/15/2017
95. **Davenport MS**, Corticosteroid prophylaxis: safety, efficacy, failure”, Medical College of Wisconsin, 2/15/2017
96. **Davenport MS**, “Controversies in intravenous contrast media”, Milwaukee Roentgen Ray Society, 2/15/2017
97. **Davenport MS**, “Intravenous contrast media”, General Electric Headquarters, Pewaukee WI, 2/16/2017
98. **Davenport MS**, Rosenkrantz AB, Smith AD, “Research pearls: asking the right question, doing the project, and getting funded”, Society of Abdominal Radiology Annual Meeting, 3/28/2017
99. **Davenport MS**, Pahade J, Sekhar A. “SAM: Mastering the Hepatopancreaticobiliary Tumor Board”, Society of Abdominal Radiology Annual Meeting, 3/30/2017
100. **Davenport MS**, “To premedicate or not: evidence for and against”, Plenary Session,

Society of Abdominal Radiology Annual Meeting, 3/31/2017

101. **Davenport MS**, “Steroid preps: helpful, harmful, or neither?”, Plenary Session, ARRS Annual Meeting, 5/4/2017
102. **Davenport MS**, “Controversies in contrast media: mysteries explained”, University of Mississippi Medical Center, Grand Rounds, 5/22/2017
103. **Davenport MS**, “The business case for minimizing injected contrast volume”, Plenary Session, International Society for Computed Tomography, 6/4/2017
104. **Davenport MS**, “Evidence base on use of epinephrine by radiologists”, Plenary Session, International Society for Computed Tomography, 6/4/2017
105. **Davenport MS**, “Debate on whether premedication of high-risk patients and ED patients will remain the standard of care”, Plenary Session, International Society for Computed Tomography, 6/4/2017
106. **Davenport MS**, “Contrast media: fundamental principles, safety profiles, and dosing decisions”, Plenary Session, International Society for Computed Tomography, 6/5/2017
107. **Davenport MS**, “Contrast media: specialty situations”, Plenary Session, International Society for Computed Tomography, 6/5/2017
108. **Davenport MS**, “‘Readout with the professor’: Genitourinary cases”, Plenary Session, International Society for Computed Tomography, 6/5/2017
109. **Davenport MS**, “Prostate MRI: Normal findings, PI-RADS v2, and common pitfalls”, MidMichigan Health Visiting Professor, 7/28/2017
110. **Davenport MS**, “Prostate MRI: Ensuring quality care”, MidMichigan Health Visiting Professor, 7/28/2017
111. **Davenport MS**, “ACR and ASNR statement on gadolinium retention”, United States Food and Drug Administration, MIDAC meeting, open public hearing, 9/8/2017
112. **Davenport MS**, “Steroid preps: new data motivating new policy”, Society of Computed Body Tomography and Magnetic Resonance, Plenary session, 9/9/2017
113. **Davenport MS**, “The diagnostic process: more than just interpretation of images”, Society of Computed Body Tomography and Magnetic Resonance, Plenary session, 9/11/2017
114. **Davenport MS**, “New ACR rules for eGFR monitoring before contrast-enhanced MR”, Society of Computed Body Tomography and Magnetic Resonance, Plenary session, 9/12/2017
115. **Davenport MS**. Selected Radiology Podcast (radiology.rsna.org) re: “Intravenous corticosteroid premedication administered 5 hours before CT compared with a traditional 13-hour oral regimen. Podcast published on radiology.rsna.org (2017).

116. **Davenport MS**, Lane B, George A, Montie J. “Prostate MRI: ensuring quality care throughout the state of Michigan—collaboration between urologists and radiologists”. Michigan Radiological Society, UpNorth Meeting, 10/14/2017.
117. **Davenport MS**, “The diagnostic process: more than just interpreting images”, Quality Improvement Symposium, Radiological Society of North America (RSNA), Annual Meeting, 11/28/2017.
118. **Davenport MS**, “BOOST: Prostate MRI case-based review”, Radiological Society of North America (RSNA), Annual Meeting, 11/28/2017.
119. **Davenport MS**, “Controversies in intravenous contrast media 2017 [steroid preps: helpful or harmful?]”, Radiological Society of North America (RSNA), Annual Meeting, 11/28/2017.
120. **Davenport MS**, “Quality and safety research”, Radiological Society of North America (RSNA), Annual Meeting, 11/29/2017.
121. **Davenport MS**, “Value-driven disease-specific reporting (liver/kidney)”, Radiological Society of North America (RSNA), Annual Meeting, 11/29/2017.
122. **Davenport MS**, “Contrast myths and science”, Charles T Munger Distinguished Lecture, Good Samaritan Hospital, Los Angeles CA, 1/3/2018
123. **Davenport MS**, “Contrast media controversies”, Visiting Professor, University of Southern California, Los Angeles CA, 1/4/2018
124. **Davenport MS**, “Establishing an Institutional Quality Collaborative”, Stanford Radiology Improvement Summit, Stanford, 2/9/2018
125. **Davenport MS**, “Best in Journals; Renal Cancer [Radiology]”, GU ASCO, 2/10/2018
126. **Davenport MS**, Weinreb JC. Clinical manifestations of gadolinium retention: knowledge gaps and future directions. RSNA/ACR/NIH gadolinium deposition symposium. National Institutes of Health, 2/15/2018-2/16-2018
127. **Davenport MS**, Pahade J, Sekhar A. “SAM: Mastering the Hepatopancreaticobiliary Tumor Board”, Society of Abdominal Radiology Annual Meeting, 3/6/2018
128. **Davenport MS**, Platt JF. “Anatomy of a ‘miss’: tough cases from QA”, Society of Abdominal Radiology Annual Meeting, 3/6/2018
129. **Davenport MS**. “Communication in Radiology”, Cincinnati Children’s Hospital Medical Center, Cincinnati OH, 3/23/2018
130. **Davenport MS**. “Contrast Media Controversies”, Cincinnati Children’s Hospital Medical

Center, Cincinnati OH, 3/23/2018

131. **Davenport MS.** “Communication in Radiology”, Moffitt Cancer Center, Tampa Bay FL, 3/29/2018
132. **Davenport MS.** “Contrast Media Controversies”, Moffitt Cancer Center, Tampa Bay FL, 3/29/2018
133. **Davenport MS.** “Communication in Radiology”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
134. **Davenport MS.** “Renal Mass MRI Technique & Reporting”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
135. **Davenport MS.** “Genitourinary Imaging Board Review: Cases”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
136. **Davenport MS.** “Contrast Media Board Review: Multiple-Choice Questions”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
137. **Davenport MS.** “Contrast Media Controversies and Contrast Media Policies Q&A”, Hudson Valley Radiology Associates, New York, NY (by webex), 4/12/2018
138. **Davenport MS.** “Developing High Impact Research Ideas”, American Roentgen Ray Society (ARRS) Annual Meeting, Washington DC, 4/23/2018
139. **Davenport MS.** “Radiologists: Do We Over- or Under-Communicate?”, American Roentgen Ray Society (ARRS) Annual Meeting, Washington DC, 4/23/2018
140. **Davenport MS.** “Post-Contrast Acute Kidney Injury” Society of Pediatric Radiology (SPR) Annual Meeting, Nashville TN, 5/15/2018
141. **Davenport MS.** “Approach to imaging patients with renal impairment or atopic risk factors”, Society of Pediatric Radiology (SPR) Annual Meeting, Nashville TN, 5/17/2018
142. **Davenport MS.** “Do radiologists over- or under-communicate?”, Visiting Professor, University of Nebraska, Omaha NE, 8/20/2018
143. **Davenport MS.** “CT-based body composition assessment”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018
144. **Davenport MS.** “Management guidelines for imaging renal masses”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018
145. **Davenport MS.** “Why standardize reporting and how to do it”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018

146. **Davenport MS**, “Reporting living liver-kidney donor CT”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018
147. **Davenport MS**, “To screen or not to screen for azotemia”, International Society for Computed Tomography (ISCT), San Diego CA, 9/15/2018
148. **Davenport MS**, “How many phases are necessary and when?”, International Society for Computed Tomography (ISCT), San Diego CA, 9/15/2018
149. **Davenport MS**, “Cases to blow your mind: unilateral renal artery embolization for papillary necrosis and acute blood loss anemia”, International Society for Computed Tomography (ISCT), San Diego CA, 9/15/2018
150. **Davenport MS**, “Treatment of acute contrast reactions”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/25/2018
151. **Davenport MS**, “Mastering the liver tumor board”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/27/2018
152. **Davenport MS**, “Subtyping renal masses”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/27/2018
153. **Davenport MS**, “Mentoring”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/27/2018
154. **Davenport MS**, “The diagnostic process: more than just interpreting images”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/28/2018
155. **Davenport MS**, “Contrast media controversies”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/28/2018
156. **Davenport MS**, “Quality and safety in an academic medical center”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/28/2018
157. **Davenport MS**, Platt JF. “Radiologist quality assurance: from missed cases to big data”, Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR), Annual Meeting, 10/9/2018
158. **Davenport MS**. “Reliability: improvement through data”. American College of Radiology Quality and Safety Annual Meeting, 10/27/2018
159. **Davenport MS**. “Creating an institutional quality collaborative”. Learning Community for Improvement in Radiology (LCIR) webinar, 11/14/2018
160. **Davenport MS**. “Genitourinary”, Image Interpretation Session, Unknown Film Panel,

Radiological Society of North America (RSNA) Annual Meeting, 11/25/2018

161. **Davenport MS.** “Novel template-based reporting of renal masses using data from a national sample”. Refresher Course, Radiological Society of North America (RSNA) Annual Meeting, 11/25/2018
162. **Davenport MS.** “Why in healthcare do we ignore quality?”. Refresher Course, Radiological Society of North America (RSNA) Annual Meeting, 11/27/2018
163. **Davenport MS.** “Does CIN exist? If not, why are we trying so hard to prevent it?”. Refresher Course, Radiological Society of North America (RSNA) Annual Meeting, 11/27/2018
164. **Davenport MS.** “Quality and safety research”, ITAR, Radiological Society of North America (RSNA) Annual Meeting, 11/28/2018
165. **Davenport MS.** “QI as a mechanism for leadership development”, Stanford Radiology Improvement Summit, Stanford, 2/9/2019
166. **Davenport MS.** “Contrast media controversies”, Texas Children’s Hospital, Houston TX, 2/26/2019
167. **Davenport MS.** “Contrast media controversies”, Houston Radiological Society, Houston TX, 2/26/2019
168. **Davenport MS.** “Quality in radiology: why it is ignored and how we can improve”, Texas Children’s Hospital, Houston TX, 2/27/2019
169. **Davenport MS.** “Quality in radiology: why it is ignored and how we can improve”, St Mary’s, Grand Rapids MI, 3/5/2019
170. **Davenport MS.** “GU board review”, St Mary’s, Grand Rapids MI, 3/5/2019
171. **Davenport MS.** “Quality in radiology: why it is ignored and how we can improve”, University of Wisconsin, Madison WI, 3/14/2019
172. **Davenport MS.** “Genitourinary imaging: core exam review”, University of Wisconsin, Madison WI, 3/14/2019
173. **Davenport MS.** “Emerging national guidelines for reporting and managing the indeterminate renal mass”, Society of Abdominal Radiology Annual Meeting, 3/20/2019
174. **Davenport MS.** “Bosniak classification: brief review, challenges, and update”, Society of Abdominal Radiology Annual Meeting, 3/20/2019
175. **Davenport MS.** “Quality in radiology: why is it ignored and how we can improve”,

University of Texas Southwestern, Dallas TX, 3/28/2019

176. **Davenport MS.** “Contrast media controversies”, University of Texas Southwestern, Dallas TX, 3/29/2019
177. **Davenport MS.** “Genitourinary imaging: core exam review”, University of Texas Southwestern, Dallas TX, 3/29/2019
178. **Davenport MS.** “Contrast-induced acute kidney injury”, Canadian Association of Radiologists, Montreal, Quebec, 4/14/2019
179. **Davenport MS.** “Contrast media matters”, RWJ Barnabas Health, Newark NJ, 4/17/2019
180. **Davenport MS.** “Developing high-impact research ideas”, ARRS Annual Meeting, Honolulu HI, 5/6/2019
181. **Davenport MS.** “Keynote lecture: Revising the Bosniak classification system”, ARRS Annual Meeting, Honolulu HI, 5/6/2019
182. **Davenport MS.** “CT and MR contrast media”, ARRS Annual Meeting, Honolulu HI, 5/6/2019
183. **Davenport MS.** “Quality in healthcare (and radiology): why it is ignored and how we can improve”, St. Jude, Memphis TN, 5/22/2019
184. **Davenport MS.** “Contrast media controversies”, St. Jude, Memphis TN, 5/22/2019
185. **Davenport MS.** “Quality in healthcare (and radiology): why it is ignored and how we can improve”, Keynote Address, Dr. Cheenum Lum Annual Radiology Research Symposium, University of Ottawa, Ottawa Canada, 6/20/2019
186. **Davenport MS.** “Communication in radiology: too much or too little?”, MD Anderson Cancer Center, Houston TX, 5/26/2019
187. **Davenport MS.** “Communicating radiology results”, International Society of CT, Annual Meeting 9/20/2019
188. **Davenport MS.** “Abdominal CT update: 2019”, International Society of CT, Annual Meeting 9/20/2019
189. **Davenport MS.** “Quality in radiology: why is it ignored and how can we improve?”, International Society of CT, Annual Meeting 9/20/2019
190. **Davenport MS.** “Cases to ‘blow your mind’: errors on intraprocedural CT”, International Society of CT, Annual Meeting 9/20/2019

191. **Davenport MS**, “Standardized recommendations for population health”, American College of Radiology Quality and Safety Meeting, Annual Meeting 10/12/2019
192. **Davenport MS**, “Patient-centered innovations”, Society of Advanced Body Imaging, Annual Meeting 10/19/2019
193. **Davenport MS**, “Quality in radiology: debate”, Society of Advanced Body Imaging, Annual Meeting 10/23/2019
194. **Davenport MS**. “Contrast media controversies”, Boston Children’s Hospital, Boston MA, 11/13/2019
195. **Davenport MS**. “Communication in radiology: too much or too little?”, Boston Children’s Hospital, Boston MA, 11/13/2019
196. **Davenport MS**. “Balancing workload, academic productivity, and emotional wellness”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/3/2019
197. **Davenport MS**. “Making major career decisions”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/3/2019
198. **Davenport MS**. “Quality and safety research”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/4/2019
199. **Davenport MS**. “Bosniak classification: brief review, challenges, and proposed updates (v.2019)”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/5/2019
200. **Davenport MS**. “Implementing a high reliability organization”, Stanford Improvement Summit, Stanford University, Palo Alto CA 2/7/2020
201. **Davenport MS**, Wang CL. “ACR and NKF consensus statements on IV contrast media”, Society of Abdominal Radiology, Maui HI, 3/3/2020
202. **Davenport MS**. “Bosniak classification v.2019: rationale”, Society of Abdominal Radiology, Maui HI, 3/4/2020
203. **Davenport MS**. “Gold medal presentation: James H Ellis MD”, Society of Abdominal Radiology, Maui HI, 3/4/2020
204. **Davenport MS**, Platt JF. “Missed cases and big data: a peer learning adventure”, Society of Abdominal Radiology, Maui HI, 3/5/2020
205. **Davenport MS**. “Productivity, meet burnout”, Society of Abdominal Radiology, Maui HI, 3/6/2020

206. **Davenport MS.** “Renal cell carcinoma disease-focused panel: 2020 update”, Society of Abdominal Radiology, Maui HI, 3/6/2020
207. **Davenport MS.** “Prostate MRI”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/10/2020
208. **Davenport MS.** “Quality in healthcare and radiology”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/10/2020
209. **Davenport MS.** “Liver tumor board”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/11/2020
210. **Davenport MS.** “Contrast media controversies”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/11/2020
211. **Davenport MS.** “Contrast media controversies”, Michigan State University, 4/7/2020
212. **Davenport MS.** “Genitourinary board review”, Michigan State University, 4/7/2020
213. **Davenport MS.** “Contrast media administration in patients with kidney disease: ACR and NKF consensus statements”, National Institutes of Health, 6/5/2020
214. **Davenport MS.** “Contrast media administration in patients with kidney disease: ACR and NKF consensus statements”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
215. **Davenport MS.** “Bosniak v.2019”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
216. **Davenport MS.** “Making major career decisions”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
217. **Davenport MS.** “Genitourinary imaging case review”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
218. **Davenport MS,** “Balancing workload, academic productivity, and emotional wellness”, Cincinnati Children’s Hospital, Cincinnati OH, 9/30/2020
219. **Davenport MS,** “Complex cystic renal masses: Bosniak v.2019”, British Association of Urologic Surgeons (BAUS), 10/20/2020
220. **Davenport MS,** “Patient-centered innovations”, American College of Radiology Quality and Safety Meeting, Annual Meeting, 10/22/2020
221. **Davenport MS,** Zafar H. “Communication strategies for leaders (1.5-hour mixed didactic and group activity)”, American College of Radiology Quality and Safety Meeting, Annual Meeting, 10/23/2020

222. **Davenport MS.** “Gadolinium-based contrast media: what are the risks?”, Radiological Society of North America, Annual Meeting, 11/29/2020
223. **Davenport MS.** “Bosniak classification of cystic renal masses: brief review, historical challenges, and v.2019”, Radiological Society of North America, Annual Meeting, 11/29/2020
224. **Davenport MS.** “Intravenous contrast media: ACR and NKF consensus statements, Ascension Providence MI, 12/10/2020
225. **Davenport MS,** Srinivasan A. “Differences in outcomes associated with individual radiologists for emergency department patients with headache imaged with CT: a retrospective cohort study of 25,596 patients” AJR Live, American Roentgen Ray Society, 1/6/2021 (one neuroradiology article selected for presentation from the year 2020)
226. **Davenport MS.** “Genitourinary Board Review, 1.5 hours, Contrast Media” St. Joseph Mercy Hospital, Oakland, Michigan, 1/8/2021
227. **Davenport MS.** “Genitourinary Board Review, 1.5 hours, Kidneys” St. Joseph Mercy Hospital, Oakland, Michigan, 1/8/2021
228. **Davenport MS.** “Intravenous contrast media: ACR and NKF consensus statements”, Mayo Clinic Scottsdale, 1/13/2021
229. **Davenport MS.** “Board Review: Adrenal Glands”, Mayo Clinic Scottsdale, 1/14/2021
230. **Davenport MS.** “Intravenous contrast media: ACR and NKF consensus statements”, Michigan State University, 1/19/2021
231. **Davenport MS.** “Board Review: Contrast Media”, Michigan State University, 1/19/2021
232. **Davenport MS.** “Board Review: Kidneys”, Michigan State University, 1/19/2021
233. Choueiri T, Uzzo R, McKay RR, Wood L, **Davenport MS,** Bex A. Challenging renal cell carcinoma cases in a rapidly changing landscape. GU ASCO 2021
234. Hu, EM, **Davenport MS.** “ACR-NKF consensus statements on imaging patients with kidney disease”. Intermountain Healthcare, 2/11/2021
235. **Davenport MS.** “COVID-19 and radiology care in the United States.” American College of Radiology, 2/19/2021
236. **Davenport MS,** Silverman SG. “How to master Bosniak v.2019 (for cystic renal masses). Society of Abdominal Radiology, 3/2021
237. **Davenport MS.** “QC of outside images prior to re-interpretation (upstream AI)”. Society of

Visiting Professorships to External Hospital Systems

1. MD Anderson Cancer Center, 12/2012
2. Yale University, 2/2015
3. Michigan State University, Atis K. Freimanis Visiting Professor, 4/2015
4. Rutgers Medical Center, 10/2015
5. St. Mary's Medical Center, Grand Rapids MI, 11/2015
6. Brigham and Women's Hospital, 1/2016
7. Massachusetts General Hospital, 1/2016
8. Beth Israel Deaconess Hospital, 1/2016
9. New York University Langone Medical Center, 2/2016
10. Medical University of South Carolina, 4/2016
11. University of California San Francisco, Earl Miller Visiting Professor, 4/2016
12. Munson Medical Center, Traverse City MI, 6/2016
13. St. Mary's Medical Center, Grand Rapids MI, 7/2016
14. Regional Medical Imaging, Flint MI, 7/2016
15. Mallinckrodt Institute of Radiology, 7/2016
16. Medical College of Wisconsin, 2/2017
17. St. Mary's Medical Center, Grand Rapids MI, 4/2017
18. University of Mississippi Medical Center, Jackson MS, 5/2017
19. MidMichigan Health, Midland MI, 7/2017
20. Good Samaritan Hospital, Los Angeles CA, Inaugural Charles T Munger Distinguished Professor, 1/3/2018
21. University of Southern California, Los Angeles CA, 1/4/2017
22. Cincinnati Children's Hospital Medical Center, Cincinnati OH, 3/2018
23. Moffitt Cancer Center, Tampa Bay FL, 3/2018
24. St. Mary's Medical Center, Grand Rapids MI, 4/2018
25. Hudson Valley Radiology Associates, New York, NY (by webex), 4/2018
26. University of Nebraska, Omaha NE, 8/2018
27. Royal College of Surgeons of Ireland, Dublin Ireland, 9/2018
28. Texas Children's Hospital, Houston TX, 2/2019
29. Houston Radiological Society, Houston TX, 2/2019
30. St. Mary's Medical Center, Grand Rapids MI, 3/2019
31. University of Wisconsin, Madison WI, 3/2019
32. University of Texas Southwestern, Jack Reynolds Visiting Lecturer, Dallas TX, 3/2019
33. RWJ Barnabas Health, Newark NJ, 4/2019
34. St. Jude, Memphis TN, 5/2019
35. University of Ottawa, Ottawa Canada, 6/2019
36. MD Anderson Cancer Center, 8/2019
37. Boston Children's Hospital, 11/2019
38. Michigan State University, 4/7/2020
39. National Institutes of Health 6/5/2020
40. St. Mary's Medical Center, Grand Rapids MI 8/4/2020

41. Cincinnati Children's Hospital, Cincinnati OH 9/30/2020
42. Ascension Health, Novi MI 12/10/2020
43. St. Joseph Mercy Oakland Hospital, Oakland MI 1/8/2021
44. Mayo Clinic Scottsdale, Scottsdale AZ 1/13/2021
45. Michigan State University, Atis K. Freimanis Visiting Professor, 1/19/2021
46. Intermountain Health Care, 2/11/2021

Medical Student/Resident/Fellow/Faculty Teaching Conferences

1. **Davenport MS**, "Urethra", University of Michigan Health System, Noon Conference, 10/2011, 11/2013
2. **Davenport MS**, "Prostate MRI: Basics", University of Michigan Health System, Noon Conference 11/2011
3. **Davenport MS**, "Prostate MRI: Advanced", University of Michigan Health System, Noon Conference 11/2011
4. **Davenport MS**, "Renal Mass MRI", University of Michigan Health System, Noon Conference 3/2012
5. **Davenport MS**, GU Board Review #1, University of Michigan Health System 4/2012, 3/2013
6. **Davenport MS**, GU Board Review #2, University of Michigan Health System 4/2012, 3/2013
7. **Davenport MS**, GU Board Review #3, University of Michigan Health System, Noon Conference, Noon Conference 4/2012, 4/2013
8. **Davenport MS**, GU Board Review #4, University of Michigan Health System, Noon Conference 5/2012
9. **Davenport MS**, "Urinary Tract Imaging Basics", University of Michigan Health System, M4 medical student lecture series, 2/2012, 5/2012, 8/2012.
10. **Davenport MS**, "Eovist: How a liver-specific contrast agent can limit interpretation of hepatobiliary pathology", University of Michigan Health System, 11/2012, 12/2013
11. **Davenport MS**, "De novo primary prostate cancer detection with CT and MRI", University of Michigan Health System, 12/2012
12. **Davenport MS**, "How to conduct resident research at the University of Michigan", University of Michigan Health System, 1/2013
13. **Davenport MS**, Journal Club Faculty Lead, "Contrast-Induced Nephrotoxicity",

University of Michigan Health System Department of Radiology, 5/2013

14. **Davenport MS**, “MRI of Hepatocellular Carcinoma. Or, interpreting cirrhotic ‘nodules’.”, University of Michigan Health System Department of Radiology, 5/2013

15. **Davenport MS**. “Basics of computed tomography”, University of Michigan Health System, Department of Radiology 8/2013

16. **Davenport MS**, “Core Examination Review: Contrast Media”, University of Michigan Health System, Department of Radiology 9/2013, 4/2014

17. **Davenport MS**, “Core Examination Review: Kidneys (native and transplant)”, University of Michigan Health System, Department of Radiology 9/2013, 4/2014

18. **Davenport MS**, “Core Examination Review: Adrenal glands”, University of Michigan Health System, Department of Radiology 4/2014

19. **Davenport MS**, “Core Examination Review: Upper tracts, bladder, prostate, and male GU”, University of Michigan Health System, Department of Radiology 4/2013
20.

21. **Davenport MS**, “Core Examination Review: Female GU I and II”, University of Michigan Health System, Department of Radiology 5/2014

22. **Davenport MS**, “Core Examination Review: Retroperitoneum and Miscellaneous GU”, University of Michigan Health System, Department of Radiology 5/2014

23. **Davenport MS**, “Conducting QI Research”, University of Michigan Health System, Department of Radiology 7/2014

24. **Davenport MS**, “MRI of cystic and solid renal masses”, University of Michigan Health System, Department of Radiology 9/3/14

25. **Davenport MS**, Caoili EM, “Cross-sectional interventional procedures”, University of Michigan Health System, Department of Radiology 9/4/2014

26. **Davenport MS**, “Radiologist Communication and QA”, University of Michigan Health System, Department of Radiology 9/15/2014

27. **Davenport MS**, “GU Board review part 1”, University of Michigan Health System, Department of Radiology 3/16/2015

28. **Davenport MS**, “GU Board review part 2”, University of Michigan Health System, Department of Radiology 4/9/2015

29. **Davenport MS**, “GU Board review part 3”, University of Michigan Health System,

Department of Radiology 4/16/2015

30. **Davenport MS**, “Journal club: Pro-inflammatory effect of thermal ablation”, Department of Radiology 4/22/2015
31. **Davenport MS**, “GU Board review part 4”, University of Michigan Health System, Department of Radiology 5/7/2015
32. **Davenport MS**, “Quality Improvement”, Fellows Conference, University of Michigan Health System, 5/14/2015
33. **Davenport MS**, “GU Board review part 5”, University of Michigan Health System, Department of Radiology 5/19/2015
34. **Davenport MS**, “GU Board review part 6”, University of Michigan Health System, Department of Radiology 5/20/2015
35. **Davenport MS**, “Renal mass biopsy”, Fellows Conference, University of Michigan Health System, 5/21/2015
36. **Patel N, Davenport MS**, “CORE lecture: GI trauma”, Medical Student Conference, University of Michigan Health System, 7/9/2015.
37. **Davenport MS**, “Prostate MRI”, Resident conference, University of Michigan Health System, 9/2015
38. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, 12/7/2015
39. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, 1/6/2016
40. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, 4/11/2016
41. **Davenport MS**, “Core Exam Review Part 1 of 8”, University of Michigan Health System, Department of Radiology 4/11/2016
42. **Davenport MS**, “Core Exam Review Part 1 of 8”, University of Michigan Health System, Department of Radiology 4/19/2016
43. **Davenport MS**, “Core Exam Review Part 2 of 8”, University of Michigan Health System, Department of Radiology 5/2/2016
44. **Davenport MS**, “Core Exam Review Part 3 of 8”, University of Michigan Health System, Department of Radiology 5/2/2016

45. **Davenport MS**, “Core Exam Review Part 4 of 8”, University of Michigan Health System, Department of Radiology 5/10/2016
46. **Davenport MS**, “Core Exam Review Part 5 of 8”, University of Michigan Health System, Department of Radiology 5/10/2016
47. **Davenport MS**, “Core Exam Review Part 6 of 8”, University of Michigan Health System, Department of Radiology 5/16/2016
48. **Davenport MS**, “Core Exam Review Part 7 of 8”, University of Michigan Health System, Department of Radiology 5/16/2016
49. **Davenport MS**, “Core Exam Review Part 8 of 8”, University of Michigan Health System, Department of Radiology 5/18/2016
50. **Davenport MS**, “HCC: Diagnosis and scoring systems”, University of Michigan Health System, Vascular Interventional Radiology Division, Department of Radiology, 6/3/2016
51. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, Vascular Interventional Radiology Division, Department of Radiology, 8/3/2016
52. **Davenport MS**, “Contrast Media: The interesting stuff”, University of Michigan Health System, Contrast Media Course 2016, Department of Radiology, 8/22/2016
53. **Davenport MS**, Cohan RH, Masch BR, Ellis JH. “Contrast Media Q&A: interactive”, University of Michigan Health System, Contrast Media Course 2016, Department of Radiology, 8/24/2016
54. **Davenport MS**. “MRI Protocols”, University of Michigan Health System, Department of Radiology, 9/9/2016
55. **Davenport MS**, Higgins E, Caoili EM. “Introduction to Procedure Call”, University of Michigan Health System, Department of Radiology, 9/16/2016
56. **Davenport MS**, “HCC: Diagnosis and scoring systems”, University of Michigan Health System, Department of Radiology, 10/10/2016
57. **Davenport MS**, “GU Cases”, University of Michigan Health System, Department of Radiology, 11/11/2016
58. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, Department of Radiology, 1/19/2017
59. **Davenport MS**, “GU Cases”, University of Michigan Health System, Department of Radiology, 1/23/2017

60. **Davenport MS**, “How to succeed in academic radiology”, University of Michigan Health System, Fellows Conference, Department of Radiology, 3/10/2017
61. **Davenport MS**, “Core Exam Review Part 1 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
62. **Davenport MS**, “Core Exam Review Part 2 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
63. **Davenport MS**, “Core Exam Review Part 3 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
64. **Davenport MS**, “Core Exam Review Part 4 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
65. **Davenport MS**, “Core Exam Review Part 5 of 9”, University of Michigan Health System, Department of Radiology 4/18/2017
66. **Davenport MS**, “Core Exam Review Part 6 of 9”, University of Michigan Health System, Department of Radiology 4/18/2017
67. **Davenport MS**, “Core Exam Review Part 7 of 9”, University of Michigan Health System, Department of Radiology 5/2/2017
68. **Davenport MS**, “Core Exam Review Part 8 of 9”, University of Michigan Health System, Department of Radiology 5/2/2017
69. **Davenport MS**, “Journal Club: Renal Masses”, University of Michigan Health System, Department of Radiology 5/3/2017
70. **Davenport MS**, “Core Exam Review Part 9 of 9”, University of Michigan Health System, Department of Radiology 5/16/2017
71. **Davenport MS**, Caoili EM. “Tips and tricks for fellows: procedure call”, University of Michigan Health System, Department of Radiology 9/1/2017
72. **Davenport MS**, “Renal mass MRI interpretation and reporting”, University of Michigan Department of Urology, 1/23/2018
73. **Davenport MS**, “Prostate MRI basics”, University of Michigan Department of Urology, 1/23/2018
74. **Davenport MS**, “Renal masses: best articles of 2017”, University of Michigan, Department of Radiology, 1/29/2018

75. **Davenport MS**, “Renal mass MRI”, University of Michigan, Department of Radiology, 1/29/2018
76. **Davenport MS**, “Root cause analysis: interactive role-play—the difficult preliminary report”, University of Michigan, Department of Radiology, 2/6/2018
77. Miller DC, **Davenport MS**, Brown RJ, “Strategic planning: interactive role-play—long-distance radiology in an academic environment”, University of Michigan, Department of Radiology, 2/8/2018
78. **Davenport MS**, “Core Exam Review Part 1”, Michigan Medicine, Department of Radiology 4/2/2018
79. **Davenport MS**, “Core Exam Review Part 2”, Michigan Medicine, Department of Radiology 4/2/2018
80. **Davenport MS**, “Core Exam Review Part 3”, Michigan Medicine, Department of Radiology 4/5/2018
81. **Davenport MS**, “Core Exam Review Part 4”, Michigan Medicine, Department of Radiology 4/5/2018
82. **Davenport MS**, “Core Exam Review Part 5”, Michigan Medicine, Department of Radiology 4/6/2018
83. **Davenport MS**, “HCC Diagnosis and Treatment Response”, Interventional Radiology, University of Michigan Health System, Department of Radiology, 5/31/2018
84. **Davenport MS**, “GU Core Exam Review: Part 1”, University of Michigan Health System, Department of Radiology, 4/24/2019
85. **Davenport MS**, “GU Core Exam Review: Part 2”, University of Michigan Health System, Department of Radiology, 4/25/2019
86. **Davenport MS**, “GU Core Exam Review: Part 3”, University of Michigan Health System, Department of Radiology, 4/25/2019
87. **Davenport MS**, “Journal Club (presenter), Article: Effect of a professional coaching intervention on the well-being and distress of physicians: a pilot randomized controlled trial”, University of Michigan Health System, Department of Radiology, 8/8/2019
88. **Davenport MS**, “Liver donor CT”, CT Conference, Michigan Medicine, Department of Radiology 8/30/2019
89. **Davenport MS**, “Liver donor CT”, CT Conference, Michigan Medicine, Department of Radiology 8/30/2019

90. **Davenport MS**, “CT Morphomics”, CT Conference, Michigan Medicine, Department of Radiology 8/30/2019
91. **Davenport MS**, “FY2019 Year in Review: High-Impact CT Manuscripts”, Noon conference, Michigan Medicine, Department of Radiology 9/16/2019
92. **Davenport MS**, “Contrast-enhanced ultrasound for kidney masses: systematic review and meta-analysis” (doi: 10.1016/j.euo.2019.08.013), Michigan Medicine, Department of Radiology 12/11/2019
93. **Davenport MS**, “Patient-centered innovations”, Michigan Medicine, Department of Radiology, 1/27/2020
94. **Davenport MS**, “Standardizing recommendations”, Michigan Medicine, Department of Radiology, 1/27/2020
95. **Davenport MS**, “GU: board review”, Michigan Medicine, Department of Radiology, 1/27/2020
96. **Davenport MS**, “ACR-NKF consensus statements on imaging patients with kidney disease”, Fellows Conference, Michigan Medicine, Department of Radiology, 5/7/2020
97. **Davenport MS**, “Contrast media: the interesting stuff”, Michigan Medicine, Department of Radiology, 8/24/2020
98. **Davenport MS**, “Genitourinary imaging: case review”, Michigan Medicine, Department of Radiology, 8/28/2020
99. **Davenport MS**, “Diagnostic process”, Fellows, Michigan Medicine, Department of Radiology, 1/15/2021

Committee, Organizational, and Volunteer Service [Local]

2007–2009	MRI Orbits Process Quality Improvement Team
2007–2010	MRI Lean Committee, Quality Improvement Team
2008-	Contrast reaction guidelines, University of Michigan Health System
2008–2010	Junior call training, Department of Radiology, University of Michigan Health System
2009	Co-author, Junior Call Handbook, Department of Radiology, University of Michigan Health System

- 2009–2010 Co-creator, Internal Medicine – Radiology Lecture Series, University of Michigan Health System
- 2010 Co-editor, institutional corticosteroid premedication guidelines, Duke University Medical Center
- 2010 Author, institutional contrast reaction treatment guidelines, Duke University Medical Center
- 2010 Co-founder, Multidisciplinary Prostate Cancer Workgroup, Duke University Medical Center
- 2011 Co-author, Radiology adverse event reporting document, Duke University Medical Center
- 2009– Faculty member, Annual Course on Contrast Media, Department of Radiology, University of Michigan Health System
- 2011–2012 Faculty member, Hands-on ultrasound-guided paracentesis training for medical students, University of Michigan Medical School Radiology Interest Group
- 2011–2014 Faculty, University of Michigan Medical School Radiology Interest Group
- 2011– Faculty presenter, Genitourinary Oncology Multidisciplinary Conference, University of Michigan Health System (6-12/year)
- 2012–2014 Faculty, Department of Radiology Quality Assurance Committee (RQM), University of Michigan Health System
- 2012–2014 Faculty mentor, Department of Radiology Residency Program, University of Michigan Health System
- 2012–2015 Chair, Residency Mentorship Program, Department of Radiology University of Michigan Health System
- 2012–2014 Faculty Career Advisor, University of Michigan Health System
- 2013–2017 Faculty presenter, Hepatobiliary Tumor Board Multidisciplinary Conference, University of Michigan Health System, (2-3/year)
- 2013–2017 1800 senior resident call testing, University of Michigan Health System, 2/6/2013
- 2013 Chair, sterile practice guideline development, Department of Radiology, University of Michigan Health System, 3/2013

- 2013– Lead, departmental policy revisions (extravasation protocol, contrast reaction management protocol, metformin use and contrast material, contrast reaction kit contents, patient information handout regarding metformin), Department of Radiology, University of Michigan Health System, 3/2013

- 2013–2014 SPORE Clinical Applications Committee, University of Michigan Health System

- 2013–2014 Member-at-large, Board of Directors, Michigan Radiological Society

- 2014 Member, PET/MR Advisory Committee, University of Michigan Health System

- 2014– Member, Medical Staff Quality Committee (hospital-wide), University of Michigan Health System

- 2014–2015 1700 junior resident call testing, University of Michigan Health System,

- 2014– Member, Michigan Urological Surgery Improvement Collaborative (MUSIC)

- 2014–2019 Chair, Michigan Radiology Quality Collaborative

- 2015– Co-chair, abdominal radiology journal club

- 2016– Member, MR Steering Committee, University of Michigan Health System

- 2016–2017 Launch Program, Mentoring Committee—*Mentee: William Masch MD*

- 2016–2017 Leader, Radiology-Pathology-Urology Prostate MRI Multidisciplinary Meeting, Biweekly, CME-accredited

- 2015–2017 Leader, acute care surgery multidisciplinary rounds

- 2017- Co-founder, Advanced Quality Training in Radiology program for radiology residents in partnership with MRQC

- 2017- Member, Michigan Medicine Quality Council

- 2017 Mock interviewer, Diagnostic and Interventional Radiology candidates

- 2018 Consultant, Problem-Based Scientific Inquiry (Michigan Medical School, mentee: Jordan Harris)

2018	Member, Selection Committee: Clinical Nurse Director of Radiology
2018-2021	Elected Member, Michigan Medicine Executive Committee for Clinical Affairs (ECCA) --Subcommittee member: ECCA Nominations Committee 2019 --Subcommittee member: ECCA Nominations Committee 2020
2018	Appointed member, ad-hoc faculty peer review committee
2018	Member, QI resource working group, Michigan Medicine Quality Council
2018	Faculty, Mentoring “Launch” committee
2019-	Faculty mentor, Clinical Innovation Collaborative Committee
2019	Faculty consultant, Patient-Based Scientific Inquiry (Michigan Medical School, mentee: Adish Parikh)
2019	Chair, targeted root cause event team, April-May 2019
2019-2021	Member, Clinical Enterprise Imaging Executive Steering Committee
2020-	Member and interim co-chair, Compensation Committee, Department of Radiology
2020-2021	Faculty mentor, Fourth-year Medical School Capstone Project, University of Michigan Medical School (mentee: Hanna Lamberg)
2020	Chair, Radiant Palate Redesign Committee
2020-	Member, Radiology IT Operations and Management Committee
2020	Chair, Breast Imaging Division Director Search Committee
2020-2021	Chair, Nuclear Medicine Division Director Search Committee

Committee, Organizational, and Volunteer Service [National]

2009–	Member, American College of Radiology Committee on Drugs and Contrast Media (Primary author of multiple chapters for the ACR Manual on Contrast Media v.7-9).
2011	Collaborative committee to revise the ACR-SPR Practice Guideline for the use of intravascular contrast media

- 2011–2014 Member, Scientific Program Committee, Genitourinary Section, Radiological Society of North America (RSNA)
- 2012 Moderator, Scientific Session, Radiological Society of North America (RSNA), Contrast Agents, Quality and Safety, 11/29/2012
- 2012 Moderator, Scientific Session, Radiological Society of North America (RSNA), Tumors of the GU Tract, 11/30/2012
- 2012-2016 Member, Food and Drug Administration (FDA) Medical Imaging Drugs Advisory Committee (MIDAC)
- 2012- Member, Research Awards and Scientific Committee, Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR)
- 2013 Key Informant, Agency for Healthcare Research and Quality (AHRQ) Effective Healthcare (EHC) Program, Comparative Effectiveness Review on Contrast-Induced Nephropathy (CIN), Johns Hopkins Evidence Based Practice Center
- 2013 Technical Expert, Technical Expert Panel, Agency for Healthcare Research and Quality (AHRQ) Effective Healthcare (EHC) Program, Contrast-Induced Nephropathy (CIN)
- 2014-2016 Member, Society of Abdominal Radiology Educational Program Committee (planning the 2015 and 2016 annual meetings)
- 2014- Chair, American College of Radiology (ACR) Continuous Practice Improvement, Genitourinary Imaging Module
- 2014-2015 Member, 2015 Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR) Program Planning Committee
- 2015-2016 GU workshop coordinator, Society of Abdominal Radiology 2015-2016 Program Planning Committee
- 2014- Member and Project Lead (Topic: Structured reporting), Disease Focused Panel on Renal Cell Carcinoma, Society of Abdominal Radiology
- 2015-2020 Special Expert, National Cancer Institute (NCI) Clinical Imaging Steering Committee (CISC)
- 2015 Moderator, Scientific Session, Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR)
- 2015- Associate Editor (contrast media), *Radiology*

- 2015 Moderator, Scientific Session, Radiological Society of North America (RSNA), Contrast Agents
- 2015-2016 Vice Chair, Research Awards and Scientific Committee, Society of Computed Body Tomography and Magnetic Resonance (SCBTMR)
- 2016 Co-creator, Unknown case panel team competition, Society of Computed Body Tomography and Magnetic Resonance (SCBTMR)
- 2016- Member, Society of Computed Body Tomography and Magnetic Resonance, Program Committee
- 2016- 2019 Chair, Research Awards and Scientific Committee, Society of Computed Body Tomography and Magnetic Resonance (SCBTMR)
- 2016-2022 Member, Quality Improvement Committee, Radiological Society of North America (RSNA)
- 2016 Moderator, Scientific Session, Radiological Society of North America (RSNA), Renal and Adrenal Imaging
- 2016 Session Chair, Controversy Session, “Intravenous contrast media: should there be any contraindications to use?”; Radiological Society of North America (RSNA)
- 2016- Member, National Cancer Institute Early Detection Research Network (EDRN) Prostate Imaging Working Group
- 2016 Author, Michigan Urological Society Improvement Collaborative (MUSIC) Prostate MRI Reporting Template
- 2016- Special Government Employee, consultant, Medical Imaging Drugs Advisory Committee, US Food and Drug Administration
- 2017-2021 Member, ACR Committee on Parameters and Standards
- 2017-2021 Member, ACR Commission on Quality & Safety
- 2017-2021 Chair, ACR Committee on Drugs and Contrast Media
- 2017 Examiner, PhD thesis review (University of Turku, Finland) for candidate Ivan Jambor entitled: Towards improved characterization of prostate cancer using magnetic resonance imaging and positron emission tomography

- 2017 Moderator and Program Director for Contrast Media, International Society of Computed Tomography Annual Meeting
- 2017- Co-Chair, Disease-Focused Panel on Renal Cell Carcinoma, Society of Abdominal Radiology
- 2017-2018 Member, ACR Committee on Continuous Professional Improvement (CPI)
- 2017-2018 Chair, Scientific Session, Society of Computed Body Tomography and Magnetic Resonance
- 2017 Moderator, Gadolinium Symposium, Society of Computed Body Tomography and Magnetic Resonance
- 2017-2021 Member, Scientific Program Committee, Society of Abdominal Radiology
- 2017-2021 Member, Finance Committee, Society of Abdominal Radiology
- 2017 Co-Leader, Quality Storyboard Walkthrough, Radiological Society of North America
- 2017 Moderator, Genitourinary (multiparametric prostate MRI), Scientific Session, Radiological Society of North America
- 2018 Scribe and writing committee member, RSNA/ACR/NIH symposium: gadolinium deposition—what we know and don't know, a research roadmap workshop
- 2018 Mentor, Mentoring Program Luncheon, Society of Abdominal Radiology
- 2018 Moderator, "How to succeed in research: essential skills for new investigators", American Roentgen Ray Society (ARRS) Annual Meeting
- 2018 Co-chair and organizer, Quality Symposium, "Value in Imaging", RSNA Annual Meeting
- 2018- Member, Michigan Urological Surgery Improvement Collaborative (MUSIC) MRI Working Group
- 2018-2019 Track Vice Chair (GU), Refresher Course Committee, Radiological Society of North America (RSNA)
- 2018 Course coordinator and moderator, Advances in Imaging Small Incidental Renal Masses, RSNA Annual Meeting

- 2018 Moderator, Quality Improvement Networking Breakfast: Patient Access to Radiology Reports: Yes or No and If Yes When? RSNA Annual Meeting
- 2018-2021 Member, Program Committee, Stanford Radiology Improvement Summit
- 2018 Moderator, Gadolinium Retention: The Debate Continues, Society of Computed Body Tomography and Magnetic Resonance
- 2018-2021 Co-director, Advanced renal mass imaging hands-on workshop, Society of Abdominal Radiology
- 2019 Moderator, Genitourinary imaging hot topics scientific session, Society of Abdominal Radiology
- 2019 Mentor, Mentoring luncheon, Society of Abdominal Radiology
- 2019- Disease-Focused Panel Oversight Committee, Society of Abdominal Radiology
- 2019-2020 Track Chair (GU), Refresher Course Committee, Radiological Society of North America (RSNA)
- 2019 Moderator, Continuity of Care session, ACR Quality and Safety Annual Meeting
- 2019 “Faculty VIP”, Resident and fellow VIP meet-and-greet, Annual Meeting, Radiological Society of North America (RSNA)
- 2020- Vice Chair, Quality and Safety Commission, American College of Radiology (ACR)
- 2020 Chair, Writing Committee for the Safe Re-Engagement of Routine Radiology Care During the COVID-19 Pandemic, American College of Radiology (ACR)
- 2020- Domain expert and committee member (of 4 total), Genitourinary imaging subcommittee of the Radiological Society of North America (RSNA) Annual Meeting Program Committee (APMC)
- 2020- Mentor for RADIOLOGY reviewing
 -Michelle Sakala from Michigan Medicine
 -Mostafa Alabousi from McMaster University
- 2020 Moderator, Scientific Session, American College of Radiology Quality and Safety Annual Meeting

2021- Co-Chair, Disease-Focused Panel Oversight Committee, Society of Abdominal Radiology

Scientific Oral Presentations (presented by self)

1. **Davenport MS**, Cho K. Transjugular liver biopsy in the diagnosis of Wilson's disease. Regional SIR Chapter Meeting. Southfield, MI, 2008.
2. **Davenport MS**, Caoili EM, Cohan RH, Ellis JH, Higgins EJ, Willatt J, Fox GA. CT and MR evaluation of the successfully treated renal mass post percutaneous radiofrequency ablation. Society of Uroradiology Annual Meeting (2nd place scientific paper), Rancho Mirage, CA, 2008.
3. **Davenport MS**, Caoili EM, Cohan RH, Ellis JH, Higgins EJ, Willatt J, Fox GA. CT and MR evaluation of the successfully treated renal mass post percutaneous radiofrequency ablation. ARRS Annual Meeting, Washington DC, 2008.
4. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Frequency & severity of repeat contrast reactions in premedicated patients. Society of Uroradiology Annual Meeting (1st place scientific paper), 2009.
5. **Davenport MS**, Brown RKJ, Frey KA. Utility of delayed whole body bone scintigraphy following directed 3-phase examinations. ARRS Annual Meeting, 2009.
6. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Hyperglycemic consequences of corticosteroid premedication in an outpatient population. Society of Uroradiology Annual Meeting, 2010.
7. **Davenport MS**, Ellis JH, Khalatbari SH, Myles JD, Klein KA. Effect of work hours, caseload, shift type and experience on resident call performance. AUR Annual Meeting (Memorial Award for best research paper by a resident or fellow), 2010.
8. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Hyperglycemia in hospitalized patients receiving corticosteroid premedication. ARRS Annual Meeting (Executive Council Award for outstanding research paper by a resident or fellow), 2010.
9. **Davenport MS**, Neville AM, Ellis JH, Cohan RH, Chaudhry H, Leder RA. Hounsfield unit thresholds for the diagnosis of renal angiomyolipoma: effect of ROI size and scan type. Society of Uroradiology Annual Meeting, 2011.
10. **Davenport MS**, Wang CL, Bashir MR, Neville AM, Paulson EK. Effect of extrinsic warming of iopamidol to 37° Celsius on the rate of extravasations and allergic-like reactions. Radiological Society of North America Annual Meeting (Trainee Research Prize), 2011. Society of Computed Body Tomography and Magnetic Resonance Imaging Annual Meeting (Hounsfield Award), 2011.

11. **Davenport MS**, Dillman JR, Cohan RH, Hussain HK, Khalatbari S, McHugh JB, Ellis JH. Allergic-like reactions to gadolinium-based contrast material: are there differences by agent in rate or severity? Society of Uroradiology Annual Meeting, 2012 (Third place scientific abstract award).
12. **Davenport MS**, Heye T, Dale BM, Horvath JJ, Breault SR, Feuerlein S, Bashir MR, Boll DT, Merkle EM. Inter- and intra-rater reproducibility of quantitative dynamic contrast enhanced MRI using TWIST perfusion data in a uterine fibroid model. American Roentgen Ray Society Annual Meeting, 2012.
13. **Davenport MS**, Khalatbari S, Dillman JR, Cohan RH, Caoili EM, Ellis JH. Isolating the role of intravenously administered low-osmolality iodinated contrast material on the development of contrast-induced nephrotoxicity. Society of Computed Body Tomography and Magnetic Resonance Imaging, 2012. (Hounsfield Award)
14. **Davenport MS**, Khalatbari S, Cohan RH, Dillman JR, Myles JD, Ellis JH. Contrast-induced nephrotoxicity: risk of low osmolality iodinated contrast material stratified by estimated glomerular filtration rate. Society of Abdominal Radiology, 2013.
15. **Davenport MS**, Bashir MR, Pietryga JA, Weber JT, Khalatbari S, Hussain HK. Dose-toxicity relationship of gadoxetate disodium and transient severe respiratory motion artifact. Society of Computed Body Tomography and Magnetic Resonance Imaging, 2013.
16. **Davenport MS**, Khalatbari S, Liu PSC, Maturen KE, Kaza RK, Wasnik AP, Al-Hawary MM, Glazer DI, Stein E, Patel J, Somashekar DK, Viglianti BL, Weadock WJ, Hussain HK. Repeatability of major diagnostic features and scoring systems for hepatocellular carcinoma using dynamic contrast-enhanced magnetic resonance imaging. Society of Computed Body Tomography and Magnetic Resonance Imaging, 2013. (Lauterbur Award)
17. **Davenport MS**, Malyarenko D, Pang Y, Hussain HK, Chenevert TL. Effect of gadoxetate disodium on arterial-phase respiratory waveforms using a quantitative fast Fourier transformation-based analysis. Society of Computed Body Tomography and Magnetic Resonance Imaging, 2016.
18. Childress J, Burch D, Kucharski C, Kazerooni EA, **Davenport MS**. Bacterial contamination of CT equipment: use of ATP detection and culture results to target quality improvement. Society of Computed Body Tomography and Magnetic Resonance Imaging, 2016.
19. **Davenport MS**, Khalatbari S, Ellis JH, Cohan RH, Chong ST, Kocher KE. Novel quality indicators for radiologists: risk-adjusted outcomes in ED patients with right lower quadrant pain. Society of Abdominal Radiology, 2018.

Scientific Poster and Electronic Education Presentations

1. **Davenport MS**, Trout A, Weadock W. CT angiography of the upper extremities. Radiological Society of North America (RSNA), 11/2008.
2. Trout A, **Davenport MS**, Weadock W. CT angiography of the lower extremities. Radiological Society of North America (RSNA), 11/2008.
3. **Davenport MS**, Caoili EM, Cohan RH, Ellis JH, Higgins EJ, Willatt J, Fox GA. CT and MR evaluation of the successfully treated renal mass post percutaneous radiofrequency ablation. University of Michigan Urology Symposium. Ann Arbor, MI, 2008.
4. Hryhorczuk AL, Torres ML, **Davenport MS**, Strouse PJ. Diagnostic advantages of fetal MRI in the evaluation of prenatal genitourinary abnormalities. Society of Uroradiology Annual Meeting, 3/2010. (1st place scientific poster)
5. Hsu C, Polascik T, Madden J, **Davenport M**, Gupta R, Merkle E, Palmeri M, Nightingale K. ARFI elastography for guidance of prostate procedures. Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer, Amsterdam, Netherlands, 2011.
6. Grimm L, Feuerlein S, Brown K, **Davenport MS**, Haystead C, Miller C, Neville A, Jaffe T. Localization of primary colonic tumors: A comparison of CT and colonoscopy. Radiological Society of North America (RSNA), 11/2011.
7. Gardner C, **Davenport MS**, Jaffe T. Effect of mandated radiologist-performed electronic order entry on CT oral contrast administration. Radiological Society of North America (RSNA), 11/2011.
8. Palmeri ML, Hsu CML, Lipman SL, Polascik TJ, **Davenport MS**, Kauffman C, Gupta RT, Kulbacki E, Madden J, Nightingale KR. Rigid and non-rigid registration of prostate B-mode and ARFI images to MR and whole-mount histology. International Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer, 2012.
9. Maturen KE, **Davenport MS**, Platt JF. Renal stone CT at 1 mSv: initial results with ultra-low dose technique. Radiological Society of North America (RSNA), 11/2012.
10. Caoili EM, **Davenport MS**, Dillman JR, Foerster B, Stojanovska-Nojkova J, Ross B, Kazerooni E. Impact of Imaging Research on Clinical Practice and Patient Health: University of Michigan Health System. Academy of Radiology Research. CIBR Medical Technology Showcase. 5/7/2013.
11. Wang CL, **Davenport MS**, Chinnugounder S, Schopp JG, Kani K, Zaidi S, Hippe DS, Paladin AM, Lalwani N, Bhargava P, Bush WH. Frequency and type of common mistakes with epinephrine administration and possible solutions: what we learned with high-fidelity simulation testing. Radiological Society of North America (RSNA), 12/2013.
12. Moore A (*mentored resident*), Dickerson EC, Dillman JR, Vummidi D, Kershaw DB,

- Khalatbari S, **Davenport MS**. Non-confounded post-CT acute kidney injury is rare in hospitalized patients with stable renal function receiving IV iodinated contrast material. Society of Abdominal Radiology 3/2014; Michigan Radiological Society 2014 (Resident section research forum abstract winner).
13. Glazer DI (*mentored resident*), **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH, Caoili EM, Stein EB, Childress JC, Masch WR, Brown JM, Mollard BJ, Montgomery JS, Palapattu GS, Francis IR. Mass-like peripheral zone enhancement on CT is predictive of higher-grade (Gleason 4+3 and higher) prostate cancer.
 14. EM, Stein EB, Childress JC, Masch WR, Brown JM, Mollard BJ, Montgomery JS, Palapattu GS, Francis IR. Mass-like peripheral zone enhancement on routine venous-phase CT is predictive of higher-grade (Gleason 4+3 and higher) prostate cancer. Society of Abdominal Radiology 3/2014; Genitourinary Cancer Symposium 1/2014
 15. Brown JM (*mentored resident*), Glazer DI, **Davenport MS**. Incidental prostate cancer on routine venous-phase CT: Can (should?) you look for it? Society of Abdominal Radiology 3/2014.
 16. Orton LP, Cohan RH, **Davenport MS**, Parker RA, Parameswaran A, Caoili EM, Kaza RK, Francis IR, Ellis JH. Variability in computed tomography diameter measurements of solid renal masses. Society of Abdominal Radiology 3/2014.
 17. Feuerlein SF, **Davenport MS**, Merkle EM, Gupta RJ. Computed high b-value DWI in prostate cancer improves lesion contrast and conspicuity. Society of Abdominal Radiology 3/2014.
 18. Kunju LP, Palanisamy N, Daignault S, Mehra R, Siddiqui J, Carskadon SL, Twardowski P, Stein MN, Hahn NM, Stadler WM, Jacobson J, **Davenport MS**, Tomlins SA, Chinnaiyan AM, Feng FY, Hussain M. Concordance of ETS fusion status of matched metastatic castration-resistant prostate cancer and primary prostate cancer. Data from NCI 9012, a randomized ETS fusion-stratified phase II trial. ASCO (American Society of Clinical Oncology) Annual Meeting, 5/2014. USCAP (United States and Canadian Academy of Pathology) Annual Meeting, 3/2015.
 19. Palmboos PL, Feng FY, Tomlins SA, Kelly WK, Morgans AK, Taplin ME, Agarwal N, Antonarakis ES, Twardowski P, Jacobson J, **Davenport MS**, Daignault S, Knudsen KE, Hussain M. A randomized phase II study of androgen deprivation therapy with or without PD0332991 in RB-positive metastatic hormone-sensitive prostate cancer. ASCO (American Society of Clinical Oncology) Annual Meeting 5/2015.
 20. Stein EB, Liu PS, Kazerooni EA, Barber KA, Michigan Radiology Quality Collaborative, **Davenport MS**. Reducing variability in orthogonal reformat image quality from long z-axis CT angiography studies using multi-vendor 3D post-processing toolkits. SCBTMR Annual Meeting 10/2015.

21. Stein EB, Liu PS, **Davenport MS**, Barber K, Kazerooni EA. Reducing variability in orthogonal reformat image quality from long z-axis CT angiography studies using multi-vendor 3D post-processing toolkits. RSNA Annual Meeting 11/2015.
22. Mervak BM (*mentored resident*), **Davenport MS**, Flynt K, Kazerooni EA, Weadock WJ. Improving radiology customer service: patient inquiries on the patient portal. SCBTMR Annual Meeting 10/2015. RSNA Annual Meeting 11/2015.
23. Carter MJ, Wasnik AP, **Davenport MS**, Al-Hawary MM, Udager AM. Radiologic-pathologic correlation of small bowel masses: what clinicians want to know! RSNA Annual Meeting 11/2015.
24. Dickerson EC (*mentored resident*), Alam HB, Brown RK, Stojanovska J, **Davenport MS**. Direct, in-person communication between subspecialty radiologists and acute care surgeons leads to significant alterations in clinical and surgical decision-making. RSNA Annual Meeting 11/2015; Macy Midwest GME Conference 5/23/2016
25. Flynt K, Alves TI, **Davenport MS**, Kazerooni KA, Bailey JE. Restructuring radiology resident morbidity and mortality conference: a new approach to promote patient safety through creation of a just culture. RSNA Annual Meeting 11/2015.
26. Hu EM (*mentored resident*), Silverman SG, Smith AD, Chandarana H, Hafez K, Palapattu G, Wolf JS, SAR DFP on RCC, **Davenport MS**. Reporting standards for indeterminate renal masses on CT on MRI: a national survey of academic radiologists and urologists. American Urological Association 2016 Annual Meeting 5/2016
27. Parikh K (*mentored resident*), **Davenport MS**, Viglianti BL, Brown RKJ. Cost savings analysis of renal scintigraphy by serum creatinine threshold: MAG-3 vs. DTPA. Macy Midwest GME Conference 5/23/2016
28. Pang Y, Malyarenko DI, **Davenport MS**, Hussain HK, Chenevert TL. Quantitative analysis of arterial phase transient respiratory motions induced by two contrast agents for dynamic liver MR imaging. ISMRM 2016.
29. Wang I (*mentored resident*), **Davenport MS**, Kazerooni EA. Imaging trends in acute venous thromboembolic disease: 2000-2015. SCBTMR Annual Meeting 9/2016.
30. Hu EM (*mentored resident*), **Davenport MS**. Use of LI-RADS 2014 and OPTN scoring systems: pearls and pitfalls. SCBTMR Annual Meeting 9/2016.
31. Mervak BM (*mentored resident*), Cohan RH, Ellis JH, **Davenport MS**. Breakthrough reaction rates in high-risk patients receiving accelerated corticosteroid premedication before contrast-enhanced CT. SCBTMR Annual Meeting 9/2016.
32. Gu E (*mentored resident*), Mendiratta-Lala M, **Davenport MS**. Normal MR imaging appearance of HCC successfully treated with SBRT. SCBTMR Annual Meeting 9/2016.

33. Mervak BM (*mentored resident*), **Davenport MS**. Genitourinary case of the day: acute cortical necrosis. RSNA Annual Meeting 11/2016
34. Neal CH, Houck GE, Noroozian M, Kazerooni EA, **Davenport MS**. Improving breast MRI wait times: a model for transitioning newly implemented diagnostic imaging procedures into routine clinical operation. RSNA Annual Meeting 11/2016
35. Childress JC (*mentored fellow*), Burch D, Kazerooni EA, **Davenport MS**. Bacterial contamination of CT equipment: use of ATP detection and culture results to target quality improvement. RSNA Annual Meeting 11/2016
36. Wang I (*mentored resident*), **Davenport MS**, Kazerooni EA. Imaging trends in acute venous thromboembolic disease: 2000-2015. RSNA Annual Meeting 11/2016
37. Curci N, **Davenport MS**, Caoili EM. A practical guide to percutaneous renal mass biopsy. ARRS Annual Meeting 2017.
38. Friedman J, Udager AM, Curci N, Ellimoottil C, Mehra R, Tomlins SA, Montgomery JS, Wei J, **Davenport MS**, Wu A, Kunju LP. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting 2017.
39. Parikh K (*mentored fellow*)R, **Davenport MS**. Net revenue analysis of inpatient and emergency department thyroid ultrasound at a quaternary care center from 2012-2015. Nordic Congress of Radiology Annual Meeting 2017.
40. Parikh K (*mentored fellow*), Barkman S, **Davenport MS**. Capital equipment procurement process at a quaternary academic center: a resident's perspective. European College of Radiology, Annual Meeting 2017.
41. Higgins E, Fox G, Caoili EM, **Davenport MS**. "Yield of routine image-guided biopsy of renal mass thermal ablation beds: 11-year experience". Society of Abdominal Radiology Annual Meeting 2017.
42. Friedman J, Udager AM, Curci NE, Ellimoottil C, Mehra R, Tomlins S, Montgomery JS, Wei J, **Davenport MS**, Wu A, Kunju LP. "Clinicopathologic characteristics of patients with high-risk (PI-RADS 5) lesions by multiparametric prostate magnetic resonance imaging". Society of Abdominal Radiology Annual Meeting 2017.
43. Otemuyiwa B (*mentored medical student*), Derstine BA, Zhang P, Wong SL, Sabel MS, Redman BG, Wang SC, Alva AS, **Davenport MS**. "Dorsal muscle attenuation may predict failure to respond to interleukin-2 therapy in metastatic renal cell carcinoma. Society of Abdominal Radiology Annual Meeting 2017.
44. Shampain KL (*mentored resident*), Cohan RH, Francis IR, **Davenport MS**, Swartz R. "Imaging appearance of retroperitoneal fibrosis: frequency of atypical manifestations and

- predicting the need for biopsy”. Society of Abdominal Radiology Annual Meeting 2017.
45. Bhatti Z (*mentored resident*), Brown KJ, **Davenport MS**. Communicating radiology results: are our phone calls excessive? American College of Radiology Annual Meeting 2017.
 46. Gu E (*mentored resident*), Mendiratta-Lala M, Shankar P, Masch WM, **Davenport MS**. Imaging-based response criteria and treatment efficacy rate of HCC treated with SBRT in the cirrhotic liver. SCBTMR 2017 (power poster selection).
 47. Zhang A (*mentored resident*), Hu EM, Silverman SG, Shinagare AB, Chandarana H, Pedrosa I, Remer EM, Wang ZJ, **Davenport MS**. Contents of CT and MRI reports characterizing a renal mass: a multi-institutional analysis with comparison to results of a national survey. SCBTMR 2017 (power poster selection).
 48. Curci NE, Gartland P, Shankar PR, Montgomery JS, **Davenport MS**. Long-distance longitudinal prostate MRI quality assurance: from startup to 12 months. SCBTMR 2017.
 49. Woolen S (*mentored resident*), Kazerooni EA, Wall A, Parent K, Cahalan S, Almeddine M, **Davenport MS**. Waiting for radiology test results: patient expectations and emotional disutility. SCBTMR 2017 (power poster selection).
 50. Taxakis EP (*mentored resident*), Gaetke-Udager K, Parmar HA, Davenport MS. Effect of formal MRI foreign body clearance training on radiology resident knowledge. Association of University Radiologists Annual Meeting 2018.
 51. Kaiser A (*mentored resident*), Brown RK, **Davenport MS**, Greenspan BS, Frey KA. Nationwide assessment of nuclear medicine practices regarding diabetic management prior to FDG-PET CT for oncologic indications: from the patient’s point-of-view. RSNA Annual Meeting 2017.
 52. Woolen SA (*mentored resident*), Kazerooni EA, Wall A, Parent K, Cahalan S, Almeddine M, **Davenport MS**. Optimizing automatic electronic release of imaging results through an online patient portal: a discrete choice conjoint experiment. RSNA Annual Meeting 2017.
 53. Bhatti ZS (*mentored resident*), Mervak BM, **Davenport MS**. Breakthrough reactions to gadobenate dimeglumine. Society of Abdominal Radiology Annual Meeting 2018.
 54. Bhatti Z (*mentored resident*), Brown KJ, **Davenport MS**. Communicating radiology results: are our phone calls excessive? Society of Abdominal Radiology Annual Meeting 2018.
 55. Heckman KM (*mentored medical student*), Otemuyiwa B (*mentored medical student*), Chenevert TL, Malyarenko D, Derstine B, Wang S, **Davenport MS**. Validation of a DIXON-based fat quantification technique for the measurement of visceral fat. Society of Abdominal Radiology Annual Meeting 2018.

56. Kaiser A (*mentored resident*), **Davenport MS**, Hafez KS, Alva A, Bailey JJ, Francis IR. Utility of pelvic CT for surveillance of T2-T4 renal cell carcinoma following nephrectomy with curative intent. Society of Abdominal Radiology Annual Meeting 2018.
57. Centonze CP (*mentored resident*), **Davenport MS**, Wu A, Kazerooni EA. Prevalence of pneumothorax following right heart catheterization: is routine post-procedure chest radiography indicated? High Value Practice Academic Alliance, Annual Meeting 2018.
58. Centonze CP (*mentored resident*), **Davenport MS**, Wu A, Kazerooni EA. Prevalence of pneumothorax following right heart catheterization: is routine post-procedure chest radiography indicated? Radiological Society of North America, Annual Meeting 2018.
59. Shankar PR, Heilbrun ME, Parikh K, Flake A, Herbstman E, Hoffman T, Sweeny B, Havey R, Kronick S, **Davenport MS**. Financial implications of oral contrast administration prior to abdominopelvic CT for non-traumatic abdominal pain in the emergency department: a time-driven activity-based costing analysis. Radiological Society of North America, Annual Meeting 2018.
60. Moorman S (*mentored resident*), Shankar PR, Kochkodan J, Brown RKJ, **Davenport MS**. Bacterial activity on shared equipment in the radiology reading room and impact of intermittent cleaning. American Roentgen Ray Society 2019.
61. Woolen S (*mentored resident*), Pujara A, Lewin A, Shankar PS, Melsaether A, Nettles A, Piccoli L, **Davenport MS**. Patient preferences for properties of gadolinium-based contrast media in the setting of screening MRI. Society of Abdominal Radiology 2019.
62. Sakala MD, Cohan RH, **Davenport MS**, Ellis JH. Premedication for contrast media. Society of Abdominal Radiology 2020.
63. Corwin MT, Fananapazir G, Altinmakas E, Boge M, Patel NU, Markese M, Taylor E, Asch D, Abou Elkassem AM, Smith AD, Schieda N, McInnes M, Lee S, Kampalath R, Remer E, Sweet D, Ghandi D, Rosasco S, Gaballah A, Ebada M, Fetzer D, Cuci NE, **Davenport MS**. Risk of malignancy in incidental homogeneous renal masses 21-39 Hounsfield Units and ≥ 10 mm at portal venous-phase CT: a multi-institutional retrospective cohort study. Society of Abdominal Radiology 2020.
64. Coelho FMA, Krishna S, Shinagare AB, Beraldo GL, Curci NE, De Paula RSO, Edney E, Hindman NM, Schieda N, **Davenport MS**, Silverman SG, Baroni RH. Implementing Bosniak v2019: challenges and practical tips. Radiological Society of North America 2020.
65. DuBois B, Brown RKJ, Buckwalter K, **Davenport MS**. Pictures worth a thousand words: creating a roadmap to image-guided procedures for referring clinicians. Radiological Society of North America 2020.
66. Ananthakrishnan L, Parrott DS, Mielke N, Xi Y, **Davenport MS**. Fidelity of

documentation for hypersensitivity reactions to iodinated contrast media. Radiological Society of North America 2020.

67. Koebe S, Curci NE, Triche BL, Abel EJ, Dreyfuss LD, Allen GO, Caoili EM, **Davenport MS**, Wells SA. Percutaneous ablation of T1a renal cell carcinoma: optimizing oncologic efficiency. Society of Abdominal Radiology 2021.

Bibliography

Books, Book Chapters, and Other Publications

1. **Davenport MS**, Neville AM, Ellis JH, Cohan RH, Leder RA. Reply to a letter to the editor. *Radiology* 2012; 262:370-371.
2. Grivas PD, **Davenport MS**, Montie JE, et al. Urethral Carcinoma. *Hematol Oncol Clin North Am* 2012; 26:1291-1314.
3. Chaudhry HS, **Davenport MS**, Neville AM. Reply to a letter to the editor. *AJR Am J Roentgenol* 2013; 201:W360.
4. **Davenport MS**, Liu PS, Chenevert TL, Hussain HK. Reply to a letter to the editor. *Radiology* 2013; 268:927.
5. **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH. Reply to a letter to the editor. *Radiology* 2014; 270:938.
6. **Davenport MS** (2015). *Genitourinary Radiology: A Core Review*. Philadelphia PA: Wolters Kluwer. (257 pages)
7. **Davenport MS** (Chair/Editor), Amendola MA (Co-chair/Editor) [2015]. *Genitourinary Tract Radiology: American College of Radiology Continuous Practice Improvement Self-Assessment Module*. ACR Press; Reston, VA. (88 pages)
8. **Davenport MS**, McDonald RJ, McDonald JS, Newhouse JH. Controversies in contrast-material-induced acute kidney injury: closing in on the truth? *Radiology* 2015; 277:627-632.
9. **Davenport MS**, Ellis JH, Cohan RH. Reply to a letter to the editor: Controlling for Acute Condition when Comparing Patients with versus Patients without Corticosteroid Premedication. *Radiology* 2016; 281:646.
10. **Davenport MS**, Ellis JH, Cohan RH. Reply to a letter to the editor: Allergic Status is a Confounder for Inpatient Length of Stay and Outcome Analysis. *Radiology* 2016; 281:649.
11. Brown RKJ, Parikh K, **Davenport MS**. Reply to a letter to the editor: Cost savings analysis

- of renal scintigraphy by serum creatinine threshold: MAG-3 vs. DTPA. JACR 2017 (in press).
12. **Davenport MS** (Chair/Editor) [2017]. Genitourinary Tract Radiology: American College of Radiology Continuous Practice Improvement Self-Assessment Module. ACR Press; Reston, VA. (88 pages).
 13. **Davenport MS**, Dunnick NR. “A Lifetime Conversation with N. Reed Dunnick”. Wrote and joint edited filmed interview (~1 hour). 12/2017
<https://medicine.umich.edu/dept/radiology/about-us/our-history/lifetime-conversation-dr-n-reed-dunnick>
 14. Dickerson EC (*mentored fellow*), **Davenport MS**. Reply to a letter to the editor: Effect of template reporting of brain MRIs for multiple sclerosis on report thoroughness and neurologist-rated quality: results of a prospective quality improvement project. J Am Coll Radiol 2018; 15:9-10.
 15. Interviewed for Healio.com re: gadolinium contrast media in capacity as Chair of ACR Committee on Drugs and Contrast Media. 11/7/2017. <https://www.healio.com/internal-medicine/preventive-medicine/news/online/%7B3763e1f2-542f-40c9-9e6a-49dc0fa1ad5b%7D/gadolinium-contrast-necessary-in-countless-mris-safety-research-encouraged>
 16. **Davenport MS**, Newhouse JH. Patient evaluation prior to oral or intravenous contrast administration for computed tomography. First radiology-specific uptodate article. Editor: Susanna Lee MD PhD. Released: 1/24/2018. <https://www.uptodate.com/contents/patient-evaluation-prior-to-oral-or-intravenous-contrast-administration-for-computed-tomography>
 17. **Davenport MS**, Lane BR. Reply to an editorial comment: Integration and diagnostic accuracy of 3T non-endorectal-coil prostate MRI in the context of active surveillance. Urology (in press)
 18. **Davenport MS**. eGFR-based screening for group II GBCM is optional. JACRblog.org (invited online-only article); June 2018
 19. Shankar PR, Curci NE, **Davenport MS**. SAR Prostate DFP: Case of the Week (granulomatous prostatitis) 2018. <http://www.abdominalradiology.org/page/DFPprostateTC>.
 20. Shankar PR, Spratt DE, **Davenport MS**. SAR Prostate DFP: Case of the Week (neoadjuvant SBRT for high-risk prostate cancer) 2018. In press.
 21. **Davenport MS**. Mentoring major career decisions: the agony and sadness of choice. J Am Coll Radiol 2018 (in press)
 22. Interviewed by ACR for quality and safety newsletter re: contrast media, in capacity as Chair of ACR Committee on Drugs and Contrast Media. <https://www.acr.org/Quality->

[Safety/eNews. 5/24/2018.](#)

23. **Davenport MS**, Gaetke-Udager K, Kronick SL. Reply to: the resident preliminary report: benefits of a second read. *J Am Coll Radiol* 2019; 16:274-275.
24. **Davenport MS**. CT and MRI intravascular contrast media update. In: *Subspecialist tips for the multispecialist*. Edited by: Bancroft LW, Iyer RS, Tailor TD. 2019 ARRS Categorical Course. ISBN: 978-1-890705-31-2.
25. Perazella MA, Weinreb JC, **Davenport MS**. In reply to: 'contrast-enhanced CT in patients with kidney disease: some considerations in response to the ACR/NKF consensus. *Kidney Medicine* 2020; 2:501.
26. **Davenport MS**. New major recommendations from the ACR and NKF: imaging patients with kidney disease. Michigan Radiological Society (The Report: News from the MRS). March 2021.

Peer-Reviewed Publications

1. Higham TE, **Davenport MS**, Jayne BC. Maneuvering in an arboreal habitat: The effects of turn angle on the locomotion of three sympatric ecomorphs of *Anolis* lizards. *J Exp Biol* 2001; 204(23):4141-4155.
2. **Davenport MS**, Caoili EM, Cohan RH, Ellis JH, Higgins EJ, Willatt J, Fox GA. MRI and CT characteristics of successfully ablated renal masses: imaging surveillance after radiofrequency ablation. *Am J Roentgenol* 2009; 192:1571-1578.
3. **Davenport MS**, Brown RKJ, Frey KA. Utility of delayed whole body bone scintigraphy following directed 3-phase examinations. *Am J Roentgenol* 2009; 193:338-342.
4. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Repeat contrast reactions in premedicated patients: frequency and severity. *Radiology* 2009; 253:372-379.
5. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Hyperglycemic consequences of corticosteroid premedication in an outpatient population. *Am J Roentgenol* 2010; 194:W483-W488.
6. **Davenport MS**, Caoili EM, Cohan RH, Hoff CN, Ellis JH. Pancreatic manifestations of von Hippel-Lindau disease: effect of imaging on clinical management. *J Comp Assist Tomog* 2010; 34:517-522.
7. **Davenport MS**, Ellis JH, Khalatbari SH, Myles JD, Klein KA. Effect of work hours, caseload, shift type and experience on resident call performance. *Acad Radiol* 2010; 17:921-927.
8. O'Malley R, Cohan RH, Caoili EM, **Davenport MS**, Dillman JR, Ellis JH. Use of

premedication prior to intravenous administration of iodinated and gadolinium based contrast material: A survey of SUR members. *J Amer Coll Radiol* 2011; 8:345-354.

9. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Hyperglycemia in hospitalized patients receiving corticosteroid premedication. *Acad Radiol* 2011; 18:384-390.
10. **Davenport MS**, Neville AM, Ellis JH, Cohan RH, Chaudhry H, Leder RA. Hounsfield unit thresholds for the diagnosis of renal angiomyolipoma: effect of ROI size and nephrographic phase imaging. *Radiology* 2011; 260:158-165.
11. Feuerlein S, Grimm LJ, **Davenport MS**, Haystead CM, Miller CM, Neville AM, Jaffe TA. Can the localization of primary colonic tumors be improved by staging CT without specific bowel preparation compared to optical colonoscopy? *Eur J Radiol* 2012; 81:2538-2542.
12. Chaudhry H, **Davenport MS**, Nieman CM, Ho LM, Neville AM. Histogram analysis of solid renal masses revisited: differentiating lipid poor renal angiomyolipoma from renal cell carcinoma. *Am J Roentgenol* 2012; 198:377-383.
13. **Davenport MS**, Gardner CS, Jaffe TA. Mandated radiologist-performed electronic order entry: effect on CT oral contrast administration. *Am J Roentgenol* 2012; 198:616-620.
14. **Davenport MS**, Wang CL, Bashir MR, Neville AM, Paulson EK. Rate of contrast material extravasations and allergic-like reactions: effect of extrinsic warming of low osmolality iodinated CT contrast material to 37° Celsius. *Radiology* 2012; 262:475-484.
15. Bashir MR, Gupta RT, **Davenport MS**, Allen BC, Jaffe TA, Ho LM, Boll DT, Merkle EM. Hepatocellular carcinoma in a North American population: does hepatobiliary MR imaging with Gd-EOB-DTPA improve sensitivity and confidence for diagnosis? *J Magn Reson Imaging* 2013; 37:398-406.
16. **Davenport MS**, Heye T, Dale BM, Horvath JJ, Breault SR, Feuerlein S, Bashir MR, Boll DT, Merkle EM. Inter- and intra-rater reproducibility of quantitative dynamic contrast enhanced MRI using TWIST perfusion data in a uterine fibroid model. *J Magn Reson Imaging* 2012; doi: 10.1002/jmri.23974. [Epub ahead of print]
17. **Davenport MS**, Viglianti BL, Al-Hawary MM, Caoili EM, Kaza RK, Liu P, Maturen KE, Chenevert TL, Hussain HK. A comparison of acute transient dyspnea following the intravenous administration of gadoxetate disodium and gadobenate dimeglumine: effect on arterial phase imaging quality. *Radiology* 2013; 266:452-461.
18. **Davenport MS**, Dillman JR, Cohan RH, Hussain HK, Khalatbari S, McHugh JB, Ellis JH. Effect of abrupt substitution of gadobenate dimeglumine for gadopentetate dimeglumine on rate of allergic-like reactions. *Radiology* 2013; 266:773-782.
19. Heye T, **Davenport MS**, Horvath J, Feuerlein S, Breault S, Bashir M, Merkle EM, Boll DT. Reproducibility of dynamic contrast-enhanced MR imaging part 1. Perfusion

characteristics in the female pelvis by using multiple computer-aided diagnosis perfusion analysis solutions. *Radiology* 2013; 266:801-811.

20. Heye T, Merkle EM, Reiner CS, **Davenport MS**, Horvath J, Feuerlein S, Breault S, Gall P, Dale BM, Kiraly A, Boll DT. Reproducibility of dynamic contrast-enhanced MR imaging part 2. Comparison of intra- and interobserver variability with manual region of interest placement versus semiautomatic lesion segmentation and histogram analysis. *Radiology* 2013; 266:812-821.
21. **Davenport MS**, Khalatbari S, Dillman JR, Cohan RH, Caoili EM, Ellis JH. Contrast material-induced nephrotoxicity and intravenous low-osmolality iodinated contrast material. *Radiology* 2013; 267:94-105.
22. **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH. Contrast medium-induced nephrotoxicity risk assessment in adult inpatients: a comparison of serum creatinine level- and estimated glomerular filtration rate-based screening methods. *Radiology* 2013; 269:92-100.
23. Somashaker DK (*mentored resident*), **Davenport MS**, Cohan RH, Dillman JR, Ellis JH. Effect of intravenous low-osmolality iodinated contrast media on patients with myasthenia gravis. *Radiology* 2013; Epub ahead of print; doi: 10.1148/radiol.12121508.
24. **Davenport MS**, Khalatbari S, Cohan RH, Dillman JR, Myles JD, Ellis JH. Contrast material-induced nephrotoxicity and intravenous low-osmolality iodinated contrast material: risk stratification by using estimated glomerular filtration rate. *Radiology* 2013; 268:719-728.
25. Meyer C, Ma B, Kunju L, **Davenport MS**, Piert M. Challenges in accurate registration of 3D medical imaging and histopathology in primary prostate cancer. *Eur J Nucl Med Mol Imaging* 2013; 40:72-78.
26. Patel J (*mentored resident*), **Davenport MS**, Cohan RH, Caoili EM. Can established CT attenuation and washout criteria for adrenal adenoma accurately exclude pheochromocytoma? *Am J Roentgenol* 2013; 201:122-127.
27. Egbert ND, Caoili EM, Cohan RH, **Davenport MS**, Francis IR, Kunju LP, Ellis JH. Differentiation of papillary RCC subtypes on CT and MRI. *AJR Am J Roentgenol* 2013; 201:347-355.
28. D'Souza SL, **Davenport MS**, Grace EH. Biliary stricture secondary to portal biliopathy. *Gastrointest Endosc* 2013; 78:942-944.
29. Ryan MD, Francis IR, Cohan RH, **Davenport MS**, Weizer A, Hafez K, Kunju LP. Imaging appearance of renal epithelioid angiomyolipomas. *J Comput Assist Tomog* 2013; 37:957-961.

30. Khan M, Caoili EM, **Davenport MS**, Poznanski A, Francis IR, Giordano T, Dunnick NR. CT imaging characteristics of oncocytic adrenal neoplasms (OANs): comparison with adrenal adenomas with adrenal cortical carcinomas. *Abdominal Radiology* 2014; 39:86-91.
31. Patel J (*mentored resident*), **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH, Platt JF. In-vivo predictors of renal cyst pseudoenhancement at 120 kVp. *Am J Roentgenol* 2014; 202:336-342.
32. **Davenport MS**, Khalatbari S, Liu PSC, Maturen KE, Kaza RK, Wasnik AP, Al-Hawary MM, Glazer DI, Stein E, Patel J, Somashekar DK, Viglianti BL, Weadock WJ, Hussain HK. Repeatability of diagnostic features and scoring systems for hepatocellular carcinoma by using MR imaging. *Radiology* 2014; 272:132-142.
33. Orton LP, Cohan RH, **Davenport MS**, Parker RA, Parameswaran A, Caoili EM, Kaza RK, Francis IR, Hafez K, Wolf J, Ellis JH. Variability in computed tomography diameter measurements of solid renal masses. *Abdom Imaging* 2014; Feb [epub ahead of print]
34. Caoili EM, **Davenport MS**. Role of percutaneous needle biopsy for renal masses. *Semin Intervent Radiol* 2014; 31:20-26.
35. **Davenport MS**, Cohan RH, Khalatbari S, Ellis JH. The challenges in assessing contrast-induced nephrotoxicity: where are we now? *AJR Am J Roentgenol* 2014; 202:784-789.
36. **Davenport MS**, Caoili EM, Kaza RK, Hussain HK. Matched within-patient cohort study of transient arterial-phase respiratory motion related artifact in MR imaging of the liver: gadoxetate disodium vs. gadobenate dimeglumine. *Radiology* 2014; 272:123-131.
37. Moore A (*mentored resident*), Dickerson E, Dillman JR, Vummidi D, Kershaw DB, Khalatbari S, **Davenport MS**. Non-confounded post-CT acute kidney injury is rare in hospitalized patients with stable renal function receiving IV iodinated contrast material. *Curr Prob Diag Radiol* 2014; 43:237-241.
38. Bashir MR, Castelli P, **Davenport MS**, Larson D, Marin D, Hussain HK, Jaffe JA. Respiratory motion artifact affecting hepatic arterial phase imaging with gadoxetate disodium is more common in patients with a prior episode of arterial phase motion associated with gadoxetate disodium. *Radiology* 2015; 274:141-148.
39. Wang CL, **Davenport MS**, Schopp JM, Kani K, Zaidi S, Chinnugounder S, Paladin AM, Lalwani N, Bhargava P, Bush WH. Errors of epinephrine administration during severe allergic-like contrast reactions: lessons learned from a bi-institutional study using high-fidelity simulation testing. *Abdom Imaging* 2014; 39:1127-1133.
40. Dillman JR, Chen S, **Davenport MS**, Zhao H, Urban MW, Song P, Watcharaotone K, Carson PL. Superficial ultrasound shear wave speed measurements in soft and hard elasticity phantoms: repeatability and reproducibility using two ultrasound systems. *Pediatr Radiol* 2014; 45:376-385.

41. Glazer DI (mentored resident), **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH, Caoili EM, Stein EB, Childress JC, Masch WR, Brown JM, Mollard BJ, Montgomery JS, Palapattu GS, Francis IR. Mass-like peripheral zone enhancement on CT is predictive of higher-grade (Gleason 4+3 and higher) prostate cancer. *Abdom Imaging* 2015; 40:560-570.
42. **Davenport MS**, Bashir MR, Pietryga JA, Weber JT, Khalatbari S, Hussain HK. Dose-toxicity relationship of gadoxetate disodium and transient severe respiratory motion artifact. *AJR Am J Roentgenol* 2014; 203:796-802.
43. Glazer DI, Maturen KE, Cohan RH, **Davenport MS**, Ellis JH, Knoepp US, Weadock WJ, Platt JF. Assessment of 1 mSv urinary tract stone CT with model-based iterative reconstruction. *AJR Am J Roentgenol* 2014; 203:1230-1235.
44. Dickerson E (*mentored resident*), **Davenport MS**, Liu PSC. Spontaneous regression of primary renal cell carcinoma following image-guided percutaneous biopsy. *Clin Imaging* 2015; 39:520-524.
45. Feuerlein SF, **Davenport MS**, Merkle EM, Gupta RJ. Computed high b-value diffusion-weighted imaging improves lesion contrast and conspicuity in prostate cancer. *Prostate Cancer Prostatic Dis* 2015; 18:155-160.
46. **Davenport MS**, Cohan RH, Ellis JH. Contrast media controversies in 2015: imaging patients with renal impairment or risk of a contrast reaction. *AJR Am J Roentgenol* 2015; 204:1174-1181.
47. Flynt KA, Dillman JR, **Davenport MS**, Smith EA, Else T, Strouse PJ, Caoili EM. Pediatric adrenocortical neoplasms: can imaging reliably discriminate adenomas from carcinomas? *Pediatr Radiol* 2015; 45:1160-1168.
48. Dillman JR, Smith EA, **Davenport MS**, DiPietro MA, Sanchez R, Kraft KH, Brown RKJ, Rubin JM. Can shear wave elastography discriminate obstructive from non-obstructive hydronephrosis in children? *Radiology* 2015; 277:259-267.
49. **Davenport MS**, Khalatbari S, Michigan Radiology Quality Collaborative, Platt JF. Human- vs. system-level factors and their effect on electronic work list variation: challenging radiology's fundamental attribution error. *J Am Coll Radiol* 2015; 12:931-939.
50. Mervak BM (*mentored resident*), **Davenport MS**, Ellis JH, Cohan RH. Breakthrough reaction rates in high-risk inpatients premedicated before contrast-enhanced CT. *AJR Am J Roentgenol* 2015; 205:77-84.
51. Shampain KL (*mentored resident*), **Davenport MS**, Cohan RH, Ellis JH, Platt JF. Effect of model-based iterative reconstruction on CT number measurements within small (10-29 mm) low-attenuation renal masses. *AJR Am J Roentgenol* 2015; 205:85-89.

52. Dillman JR, Gadepalli S, Sroufe NS, **Davenport MS**, Smith EA, Chong ST, Mazza MB, Strouse PJ. Equivocal pediatric appendicitis: unenhanced MR imaging protocol for nonsedated children--a clinical effectiveness study. *Radiology* 2016; 279:216-225.
53. Leschied JR, Dillman JR, **Davenport MS**, Mazza MB, Chong ST, Smith EA, Hoff CN, Ladino-Torres MF, Khalatbari S, Ehrlich PF. Inter-radiologist agreement for CT scoring of pediatric splenic injuries and effect on an established clinical practice guideline. *Pediatric Radiology* 2016; 46:229-236.
54. **Davenport MS**, Mervak BM, Ellis JH, Dillman JR, Dunnick NR, Cohan RH. Indirect cost and harm attributable to oral 13-hour inpatient corticosteroid prophylaxis prior to contrast-enhanced CT. *Radiology* 2016; 279:492-501.
55. McDonald RJ, McDonald JS, Newhouse JH, **Davenport MS**. "Controversies in contrast medium-induced acute kidney injury: closing in on the truth?" *Radiology* 2015; 277:627-632.
56. Barkmeier D, Dillman JR, Al-Hawary M, Smith E, Heider A, **Davenport MS**, Adler J. MR enterography –histology comparison in resected pediatric small bowel Crohn’s disease strictures: can imaging predict fibrosis? *Pediatric Radiology* 2016; 46:498-507.
57. Dillman JR, Smith EA, Sanchez R, DiPietro MA, DeMatos-Maillard V, Adler J, Khalatbari S, **Davenport MS**. Prospective cohort study of ultrasound-ultrasound and ultrasound-MR agreement in the evaluation of pediatric small bowel Crohn’s disease. *Pediatric Radiology* 2016; 46:490-497.
58. Masch WR (*mentored resident*), Cohan RH, Ellis JH, Dillman JR, Rubin JM, **Davenport MS**. Clinical effectiveness of prospectively reported sonographic twinkling artifact for the diagnosis of renal calculus in subjects without known urolithiasis. *AJR Am J Roentgenol* 2016; 206:326-331.
59. **Davenport MS**, Brimm D, Rubin JM, Kazerooni EA. Patient preferences for chaperone utilization during transvaginal sonography. *Abdominal Radiology* 2016; 41:324-333.
60. Dillman JR, Carlos RC, Smith EA, **Davenport MS**, DeMatos V, Adler J. Health-related quality of life in pediatric small bowel Crohn’s disease. *Radiology* 2016; 280:568-575.
61. Parikh K (*mentored resident*), **Davenport MS**, Viglianti BL, Brown RKJ. Cost savings analysis of renal scintigraphy, stratified by renal function thresholds: mercaptoacetyltriglycine versus diethylene triamine penta-acetic acid. *J Am Coll Radiol* 2016; 13:801-811.
62. Piert M, Montgomery J, Kunju LP, Siddiqui J, Rogers V, Rajendiran T, Johnson TD, Shao X, **Davenport MS**. ¹⁸F-choline PET/MRI: the Additional Value of PET for MRI-guided Transrectal Prostate Biopsies. *J Nucl Med* 2016; 57:1065-1070.

63. Masch MR (*mentored resident*), Ellis JH, Wang CL, Cohan RH, **Davenport MS**. Effect of available intravenous access on accuracy and timeliness of epinephrine administration. *Abdom Radiol* 2016; 41:1133-1141.
64. Dickerson EC (*mentored resident*), Alam HB, Brown RKJ, Stojanovska J, Michigan Radiology Quality Collaborative, **Davenport MS**. In-person communication between radiologists and acute-care surgeons leads to significant alterations in surgical decision-making. *J Am Coll Radiol* 2016; 13:943-949. *Article highlighted on AuntMinnie.com ("Can we talk? Chats with surgeons change treatment plans." 8/2016).*
65. Masch WR (*mentored fellow*), Wang CL, **Davenport MS**. Severe Allergic-like Contrast Reactions: Epidemiology and Appropriate Treatment. *Abdominal Radiology* 2016; 41:1632-1639.
66. Singhal U, Morhardt D, **Davenport MS**, Moussa MH, Alam H, Malaeb B, Kutikov A, Morgan TM. Ureteral involvement within an incarcerated inguinal hernia in a patient with crossed-fused ectopia. *Urology Case Reports* 2016; 7:20-22.
67. Brown JM (*mentored resident*), Dickerson EC, Rabinowitz LC, Cohan RH, Ellis JH, Litell JM, Kaza RK, Lopez AN, Theyyanni NR, Weber JT, Kocher KE, **Davenport MS**. "Concordance" revisited: a multi-disciplinary appraisal of concordant preliminary abdominopelvic CT reports. *J Am Coll Radiol* 2016; 13:1111-1117. *Article selected by JACR for CME.*
68. Gaetke-Udager K (*mentored fellow*), McLean K, Sciallis AP, Alves T, Maturen KE, Mervak BM, Moore AG, Wasnik AP, **Davenport MS**. Diagnostic accuracy of ultrasound, contrast-enhanced CT, and MRI without DWI for differentiating leiomyoma from leiomyosarcoma. *Acad Radiol* 2016; 23:1290-1297.
69. Mervak BM (*mentored resident*), **Davenport MS**, Flynt KA, Kazerooni EA, Weadock WJ. What the patient wants: an analysis of radiology-related inquiries from a web-based patient portal. *J Am Coll Radiol* 2016; 13:1311-1318. *Article highlighted on AuntMinnie.com and selected by JACR for CME.*
70. Rahman T (*mentored resident*), Hussain HK, Parikh N, **Davenport MS**. Reinterpretation of outside hospital MRI abdomen exams in patients with cirrhosis: is the OPTN mandate necessary? *AJR Am J Roentgenol* 2016; 19:1-7.
71. Dillman JR, Smith EA, Sanchez R, Adler J, Maillard-Dematos V, Zhang B, **Davenport MS**. Diffusion-weighted imaging in pediatric small bowel Crohn's disease: are apparent diffusion coefficients surrogates for disease activity in patients receiving infliximab therapy? *AJR Am J Roentgenol* 2016; 207:1002-1008.
72. Bailey JJ, Ellis JH, **Davenport MS**, Cohan RH, Nan B, Parameswaran A, Hsu L, Sahai V, Francis IR. Value of pelvis CT during follow-up of patients with pancreatic adenocarcinoma. *Abdom Radiol* 2017; 42:211-215.

73. Stein EB (*mentored resident*), Liu PS, Kazerooni EA, Barber K, Michigan Radiology Quality Collaborative, **Davenport MS**. Reducing variability in orthogonal reformatted image quality from long z-axis CT angiography studies using multi-vendor 3D post-processing toolkits. *AJR Am J Roentgenol* 2016; 207:1360-1365.
74. Kaza RK, Raff EA, **Davenport MS**, Khalatbari S. Variability of CT attenuation measurements in virtual unenhanced images generated using multimaterial decomposition from fast kilovoltage-switching dual-energy CT. *Acad Radiol* 2017; 24:365-372.
75. **Davenport MS**, Hu EM, Smith AD, Chandarana H, Hafez K, Palapattu G, Wolf JS, Silverman SG, for the SAR Disease Focused Panel on Renal Cell Carcinoma. Reporting standards for indeterminate renal masses on CT and MRI: a national survey of academic radiologists and urologists. *Abdom Radiol* 2017; 42:1229-1240.
76. Dickerson E (*mentored resident*), **Davenport MS**, Syed F, Stuve O, Cohen J, Rinker J, Goldman M, Michigan Radiology Quality Collaborative, Foerster B. Effect of template reporting of brain MRIs for multiple sclerosis on report thoroughness and neurologist perception of report quality: results of a prospective quality improvement project. *J Am Coll Radiol* 2017; 14:371-379.
77. **Davenport MS**, Malyarenko DI, Pang Y, Hussain HK, Chenevert TL. Effect of gadoxetate disodium on arterial-phase respiratory waveforms using a quantitative fast Fourier transformation-based analysis. *AJR Am J Roentgenol* 2017; 208:328-336.
78. **Davenport MS**, Parikh KR, Mayo-Smith WW, Israel GM, Brown RKJ, Ellis JH. Effect of fixed-volume and weight-based dosing regimens on the cost and volume of administered iodinated contrast material at abdominal CT. *J Am Coll Radiol* 2017; 14:359-370 [press coverage by Reuters Health]
79. Otemuyiwa B (*mentored medical student*), Derstine BA, Zhang P, Wong SL, Sabel MS, Redman BG, Wang SC, Alva AS, **Davenport MS**. Dorsal muscle attenuation may predict failure to respond to interleukin-2 therapy in metastatic renal cell carcinoma. *Acad Radiol* 2017; 24:1094-1100.
80. Piert M, Shao X, Raffel D, **Davenport MS**, Montgomery J, Kunju P, Hockley B, Siddiqui J, Scott P, Chinnaiyan AM, Rajendiran T. Preclinical evaluation of [¹¹C]sarcosine as a substrate of proton-coupled amino acid transporters and first human application in prostate cancer. *J Nucl Med* 2017; 58:1216-1223.
81. Childress JC (*mentored fellow*), Burch D, Kazerooni EA, **Davenport MS**. Bacterial contamination of CT equipment: use and validation of an ATP detector for reducing surface bacterial load. *Acad Radiol* 2017; 24:923-929.
82. **Davenport MS**, Cohan RH. The evidence for and against corticosteroid prophylaxis in at-risk patients. *Radiol Clin N Am* 2017; 55:413-421.

83. Piert M, El Naqa I, **Davenport MS**, Incerti E, Mapelli P, Picchio M. PET/MRI and prostate cancer. *Clin Transl Imaging* 2016; 4:473-485.
84. Mervak BM (*mentored fellow*), Cohan RH, Ellis JH, Khalatbari S, **Davenport MS**. 5-hour intravenous corticosteroid premedication has a breakthrough reaction rate that is non-inferior to that of a traditional 13-hour oral regimen. *Radiology* 2017; 285:425-433.
85. Wang I (*mentored resident*), **Davenport MS**, Kazerooni EA. Imaging trends in acute venous thromboembolic disease. *J Am Coll Radiol* 2017; 14:1151-1160.
86. Meadows JM, Chick JFB, Gemmete JJ, **Davenport MS**, Srinivasa RN. Bladder protection with continuous infusion of warmed saline facilitates computed tomography-guided cryoablation of prostate cancer with extracapsular and bladder invasion. *J Vasc Interv Radiol* 2017; 28:1283-1285.
87. McDonald JS, McDonald RJ, **Davenport MS**, Jaffe TA, Cook TS, Kallmes DF, Kotsenas AL. Gender and radiology publication productivity: an examination of academic faculty from four health systems in the United States. *J Am Coll Radiol* 2017; 14:1100-1108.
88. Cohan RH, Shampain KL, Francis IR, **Davenport MS**, Wolf JS, Marder W, Swartz RD. Imaging appearance of fibrosing diseases of the retroperitoneum: can a definitive diagnosis be made? *Abdom Radiol* 2018; 43:1204-1214.
89. Dickerson EC, Chong ST, Ellis JH, Watcharatone K, Nan B, **Davenport MS**, Al-Hawary M, Mazza MB, Rizk R, Morris A, Cohan RH. Recurrence of colonic diverticulitis: identifying predictive CT findings-retrospective cohort study. *Radiology* 2017; 285:850-858.
90. Woolen SA (*mentored resident*), Maturen KE, Nettles A, Cahalan S, Parent K, Gomez-Hassan D, **Davenport MS**. Patient-centered assessment of the value of oral contrast material. *J Am Coll Radiol* 2017; 14:1626-1631. [Article highlighted on AuntMinnie.com “Bottoms up: oral contrast preferred over missing finding”]
91. Parikh K (*mentored fellow*), **Davenport MS**. Net revenue analysis of inpatient and emergency department thyroid ultrasound at a United States quaternary care center from 2012-2015. *J Am Coll Radiol* 2018; 15:75-81.
92. Mendiratta-Lala M, Gu E, Cuneo K, Owen D, Bazzi L, Lawrence TS, Hussain HK, **Davenport MS**. Imaging findings within the first 12 months of hepatocellular carcinoma treated with stereotactic body radiation therapy. *Int J Radiat Oncol Biol Phys* 2018; 102:1063-1069.
93. Hu EM (*mentored resident*), Ellis JH, Silverman SG, Cohan RH, Caoili EM, **Davenport MS**. Expanding the definition of a benign renal cyst on contrast-enhanced CT: can

incidental homogeneous renal masses measuring 21-39 HU be safely ignored? Acad Radiol 2018; 25:209-212.

94. **Davenport MS**. (*invited editorial*) Choosing the safest gadolinium-based contrast medium for MRI: not so simple after all. Radiology 2018; 286:483-485.
95. Marentis TC (*mentored resident*), **Davenport MS**, Dillman JR, Sanchez R, Kelly AM, Cronin PP, Chronis N, De Freitas M, Hadjiiski L, Chan HP. Efficacy of a complete process for the prevention and detection of retained surgical instruments. AJR Am J Roentgenol 2018; 15:1-6.
96. Barnett CL, **Davenport MS**, Montgomery JS, Wei JT, Montie JE, Denton BT. Cost-effectiveness of magnetic resonance imaging and targeted fusion biopsy for early detection of prostate cancer. BJU International 2018; 122:50-58.
97. Woolen S (*mentored resident*), Kazerooni EA, Wall A, Parent K, Cahalan C, Alameddine M, **Davenport MS**. Waiting for radiology test results: patient expectations and emotional disutility. J Am Coll Radiol 2018; 15:274-281. (selected for CME credit). *Article highlighted on AuntMinnie.com "How and when do patients want their imaging results?" Article covered by Reuter's Health.*
98. Bhatti Z (*mentored resident*), Brown KJ, Kazerooni EA, **Davenport MS**. Communicating radiology test results: are our phone calls excessive, just right, or not enough? Acad Radiol 2018; 25:365-371.
99. Shankar PR, Parikh K, **Davenport MS**. Financial implications of revised ACR guidelines for eGFR testing prior to contrast-enhanced MRI. J Am Coll Radiol 2018; 15:250-257.
100. Shankar PR, **Davenport MS**, Woolen SA, Carlos RC, Maturen KE. Survey research: a primer for the academic radiologist. Acad Radiol 2018; 25:751-756.
101. Shankar PR, Curci NE, **Davenport MS**. Characteristics of PI-RADS 4 lesions within the prostatic peripheral zone: a retrospective diagnostic accuracy study evaluating 170 lesions. Abd Radiol 2018; 43:2176-2182.
102. Kaiser A (*mentored resident*), **Davenport MS**, Hafez KS, Alva A, Bailey JJ, Francis IR. Utility of pelvic CT for surveillance of T2-T4 renal cell carcinoma following nephrectomy with curative intent. AJR Am J Roentgenol 2018; 210:1088-1091.
103. Curci NE (*mentored fellow*), Gartland P, Shankar PR, Montgomery JS, Miller DC, George AK, **Davenport MS**. Long-distance longitudinal prostate MRI quality assurance: from startup to 12 months. Abdom Radiol 2018; 43:2505-2512.
104. Bhatti ZS (*mentored resident*), Mervak BM, Dillman JR, **Davenport MS**. Breakthrough reactions to gadobenate dimeglumine. Invest Radiol 2018; 53:551-554.

105. Piert MD, Shankar PR, Montgomery JS, Kunju LP, Rogers V, Siddiqui J, Rajendiran T, Hearn J, George A, Shao X, **Davenport MS**. Accuracy of tumor segmentation from multi-parametric prostate MRI and 18F-choline PET/CT for focal prostate cancer therapy applications. *European Journal of Nuclear Medicine and Molecular Imaging (EJNMMI) Research* 2018 8:23.
106. Allen BC, Florez E, Sirous R, Lirette ST, Griswold M, Remer EM, Wang ZJ, Bieszczad J, Cox KL, Goenka A, Howard-Claudio CM, Kang HC, Nandwana SB, Sanyal R, Shinagare AB, Henagen JC, Storrs J, **Davenport MS**, Ganeshan B, Ocain K, Bryan J, VasANJI A, Rini B, Smith AD. Comparative effectiveness of metastatic tumor response methods: standard of care vs. computer-assisted response evaluation. *JCO Clinical Cancer Informatics* 2017; <http://ascopubs.org/doi/pdf/10.1200/CCI.17.00026>.
107. Curci NE (*mentored fellow*), Lane BR, Shankar PR, Noyes SL, Moriarty AK, Kubat A, Brede C, Montgomery JS, Auffenberg GB, Miller DC, Montie JE, George AK, **Davenport MS**. Integration and diagnostic accuracy of 3T non-endorectal-coil prostate MRI in the context of active surveillance. *Urology* 2018; 116:137-143.
108. Shankar PR, Kaza RK, Al-Hawary A, Masch WR, Curci NE, Mendiratta-Lala M, Sakala MD, Johnson TD, **Davenport MS**. Impact of clinical history on maximum PI-RADS v2 score: a six-reader 120-case retrospective evaluation. *Radiology* 2018 [epub ahead of print]
109. Sakala M (*mentored fellow*), Neal CH, Kazerooni EA, **Davenport MS**. Improving breast MRI wait times with targeted quality improvement: a model for disseminating advanced imaging to non-monitored times during periods of expanding volume. *J Am Coll Radiol* 2018; 15:859-864.
110. Wasnik AP, **Davenport MS**, Kaza RK, Weadock WW, Udager A, Keshavarzi N, Nan B, Maturen KE. Diagnostic accuracy of MDCT in differentiating gallbladder cancer from acute and xanthogranulomatous cholecystitis. *Clinical Imaging* 2018; 50:223-228.
111. Masch WR, Parikh ND, Licari TL, Mendiratta-Lala M, **Davenport MS**. Radiologist quality assurance by nonradiologists at tumor board. *J Am Coll Radiol* 2018; 15:1259-1265.
112. Meyer NB (*mentored fellow*), Gaetke-Udager K, Shampain KL, Spencer A, Cohan RH, **Davenport MS**. (Lack of) measurable clinical or knowledge gains from resident participation in noon conference. *Acad Radiol* 2018; 25:719-726.
113. **Davenport MS**, Khalatbari S, Ellis JH, Cohan RH, Chong ST, Kocher K. Novel quality indicators for radiologists interpreting abdominopelvic CT: risk-adjusted outcomes in emergency department patients with right lower quadrant pain. *AJR Am J Roentgenol* 2018; 210:1292-1300.
114. Hu EM (*mentored resident*), Zhang A, Silverman SG, Pedrosa IM, Wang ZJ, Smith AD, Chandarana H, Doshi A, Shinagare AB, Remer EM, Kaffenberger SD, Miller DC,

- Davenport MS.** Multi-institutional analysis of CT and MRI reports evaluating indeterminate renal masses: comparison to a national survey investigating desired report elements. *Abd Radiol* 2018; 43:3493-3502.
115. Pandya A, Caoili EM, Jawad-Makki F, Haymart MR, **Davenport MS.** Limitations of the 2015 American Thyroid Association (ATA) Guidelines for prediction of thyroid cancer: a review of 1,947 consecutive aspirations. *J Clin Endo Metab* 2018; 103:3496-3502.
116. **Davenport MS,** Chandarana H, Curci NE, Doshi A, Kaffenberger SD, Pedrosa I, Remer EM, Schieda N, Shinagare AB, Smith AD, Wang ZJ, Wells SA, Silverman SG. Society of Abdominal Radiology disease-focused panel on renal cell carcinoma: update on past, current, and future goals. *Abd Radiol* 2018; 43:2213-2220.
117. Heckman KM (*mentored medical student*), Otemuyiwa B, Chenevert TL, Malyarenko D, Derstine B, Wang S, **Davenport MS.** Validation of a DIXON-based fat quantification technique for the measurement of visceral fat. *Abdom Radiol* 2019; 44:346-354.
118. Wasnik AP, Higgins EJ, Fox GA, Caoili EM, **Davenport MS.** Yield of routine image-guided biopsy of renal mass thermal ablation zones: 11-year experience. *Acad Radiol* 2019; 26:232-238.
119. Dillman JR, Trout AT, **Davenport MS.** Allergic-like contrast reaction management in children. *Pediatr Radiol* 2018; 48:1688-1694.
120. Roseland ME (*mentored resident*), Kazerooni EA, Bailey JE, Luker GD, Cohan RH, **Davenport MS.** Needs assessment using a structured prioritization schema: an open letter to PACS vendors. *J Am Coll Radiol* 2019; 16:170-177.
121. Shankar PR, Parikh KR, Heilbrun ME, Sweeny BM, Flake AN, Herbstman E, Hoffman TJ, Havey R, Kronick S, **Davenport MS.** Cost implications of oral contrast administration in the Emergency Department: a time driven activity-based costing analysis. *J Am Coll Radiol* 2019; 16:30-38.
122. McDonald RJ, Levine D, Weinreb J, Kanal E, **Davenport MS,** Ellis JH, Jacobs PM, Lenkinski RE, Maravilla KR, Prince MR, Rowley HA, Tweedle MF, Kressel HY. Gadolinium retention: a research roadmap from the 2018 NIH/ACR/RSNA workshop on gadolinium chelates. *Radiology* 2018; 289:517-534.
123. Centonze C (*mentored resident*), **Davenport MS,** Kazerooni EA. Routine post-procedure chest radiography is not warranted after right heart catheterization. *J Am Coll Radiol* 2019; 16:45-49.
124. Rimola J, **Davenport MS,** Liu PS, Brown T, Marrero JA, Parikh ND, McKenna BJ, Hussain HK. Diagnostic accuracy of MRI with extracellular vs hepatobiliary contrast material for detection of residual hepatocellular carcinoma after locoregional treatment. *Abdom Radiol* 2019; 44:549-558.

125. Mendiratta-Lala M, Masch WB, Shankar P, Hartman HE, **Davenport MS**, Schipper MJ, Maurino C, Cuneo KC, Lawrence TC, Owens D. Magnetic resonance imaging evaluation of hepatocellular carcinoma treated with stereotactic body radiation therapy: long term imaging follow-up. *Int J Radiat Oncol Biol Phys* 2019; 103:169-179.
126. **Davenport MS**, Dunnick NR. Lessons on leadership. *RadioGraphics* 2018; 38:1688-1693.
127. Brown RKJ, Petty S, O'Malley S, Stojanovska J, **Davenport MS**, Kazerooni EA, Fessahazion D. Virtual reality tool simulates MRI experience. *Tomography* 2018; 4:95-98.
128. Kaiser A (*mentored resident*), **Davenport MS**, Frey KA, Greenspan B, Brown RKJ. Management of diabetes mellitus before 18F-Fluorodeoxyglucose PET/CT: a nationwide patient-centered assessment of approaches to exam preparation. *J Am Coll Radiol* 2019; 16:804-809.
129. Salami SS, Hovelson DH, Kaplan JB, Mathieu R, Udager AM, Curci N, Lee M, Lazo de la Vega L, Susani M, Rioux-Leclercq N, Spratt DE, Morgan TM, **Davenport MS**, Rubin MA, Shariat SF, Tomlins SA, Palapattu GS. Transcriptomic heterogeneity in multifocal prostate cancer. *J Clin Invest Insight* 2018.
130. Cohan RH, **Davenport MS**. Productivity, meet burnout (*invited editorial*). *Acad Radiol* 2018; 25:1513-1514.
131. Woolen SA, Kazerooni EA, Steenburg SD, Nan B, Ma T, Wall A, Linna NB, Gayed MJ, Kushdilian MV, Parent K, Cahalan S, Alameddine M, Ladd LM, **Davenport MS**. Optimizing Electronic Release of Imaging Results through an Online Patient Portal. *Radiology* 2019; 290:136-143. Covered by RSNA news: <https://www.rsna.org/en/news/2019/March/Patient-Preference-For-Imaging-Results>
132. **Davenport MS**, Gaetke-Udager K, Kronick SL. The resident preliminary report. *J Am Coll Radiol* 2019; 16:61-63.
133. **Davenport MS**, Hu EM, Zhang A, Shinagare AB, Smith AD, Pedrosa I, Kaffenberger SD, Silverman SG, for the SAR Disease-Focused Panel on Renal Cell Carcinoma. Standardized report template for indeterminate renal masses at CT and MRI: a collaborative product of the SAR Disease-Focused Panel on Renal Cell Carcinoma. *Abdom Radiol* 2019; 44:1423-1429.
134. Khan O, Shankar PR, Parikh AD, Cohan RH, Keshavarzi N, Khalatbari S, Saad RJ, **Davenport MS**. Radiographic stool quantification: An equivalence study of 484 symptomatic and asymptomatic subjects. *Abd Radiol* 2019; 44:821-827.
135. Schieda N, **Davenport MS**, Pedrosa I, Shinagare A, Silverman SG. Renal and adrenal masses containing fat at MRI: proposed nomenclature by the Society of Abdominal

Radiology Disease-Focused Panel on Renal Cell Carcinoma. *J Magn Reson Imaging* 2019; 49:917-926.

136. **Davenport MS**, Larson DB. Measuring diagnostic radiologists: what measurements should we use? *J Am Coll Radiol* 2019; 16:333-335.
137. Shankar PR, Maturen KE, George AK, Borza T, Montgomery JS, Wei JT, Denton BT, **Davenport MS**. Temporary health impact of prostate MRI and transrectal prostate biopsy in active surveillance prostate cancer patients. *J Am Coll Radiol* 2019; 16:1385-1392.
138. Tan N, Bavadia N, Calais J, Oyoyo U, Kim J, Turkbey IB, Mena E, **Davenport MS**. Imaging of prostate specific membrane antigen targeted radiotracers for the detection of prostate cancer biochemical recurrence after definitive therapy: a systematic review and meta-analysis. *J Urol* 2019; 202:231-240.
139. Gaetke-Udager K, Brown RKJ, Centonze CP, Hu EM, Liles AL, Woolen SA, Zhang A, **Davenport MS**. Advanced quality training in radiology: inaugural report of a 2-year program. *AJR Am J Roentgenol* 2019; 5:1-9.
140. Moorman SEH, Shankar PR, **Davenport MS**. My first quality improvement project. *J Am Coll Radiol* 2019; 16:980-982.
141. Schieda N, Jeyaraj SK, **Davenport MS**. Update on gadolinium-based contrast agent (GBCA)-enhanced imaging in the genitourinary system. *AJR Am J Roentgenol* 2019; 11:1-11.
142. Centonze C (*mentored resident*), **Davenport MS**, White ES, Kazerooni EA. Routine chest radiography following bronchoscopy. *Acad Radiol* 2019; 26:585-590.
143. Uhl KG, **Davenport MS**. The cost of uncertainty: a patient's perspective. *J Am Coll Radiol* 2019; 16:737-739.
144. Diaz de Leon A, **Davenport MS**, Schieda N, Silverman SG, Cadeddu JA, Pedrosa I. Role of virtual biopsy in the management of renal masses. *AJR Am J Roentgenol* 2019; [epub ahead of print].
145. Shampain KL, Cohan RH, Caoili EM, **Davenport MS**, Ellis JH. Benign diseases of the urinary tract at CT and CT urography. *Abdom Radiol* 2019; [epub ahead of print].
146. Cha KH, Hadjiiski LM, Cohan RH, Chan HP, Caoili EM, **Davenport MS**, Samala RK, Weizer AZ, Alva A, Kirova-Nedyalkova G, Shampain K, Meyer N, Barkmeier D, Woolen S, Shankar PR, Francis IR, Palmboos P. Diagnostic accuracy of CT for prediction of bladder cancer treatment response with and without computerized decision support. *Acad Radiol* 2019; 26:1137-1145.

147. Silverman SG, Pedrosa I, Ellis JH, Hindman NM, Schieda N, Smith AD, Remer EM, Shinagare AB, Curci NE, Raman SR, Wells SA, Kaffenberger SD, Wang ZJ, Chandarana H, **Davenport MS (co-first author, noted in manuscript)**. Bosniak classification of cystic renal masses v.2019: an update proposal and needs assessment. *Radiology* 2019; 292:475-488.
148. Salami SS, Kaplan JB, Nallandhighal S, Takhar M, Tosoian JJ, Lee M, Yoong J, Hovelson DH, Plouffe KR, Kaffenberger SD, Schaeffer EM, Karnes JR, Morgan TM, George AK, Montgomery JS, **Davenport MS**, You S, Tomlins SA, Curci NE, Kim HL, Spratt DE, Udager AM, Palapattu GS. Biologic significance of magnetic resonance imaging invisibility in localized prostate cancer. *JCO Precision Oncology* 2019; 3:1-12.
149. Hayatghaibi SE, **Davenport MS**, Trout AT, Dillman JR. Quantifying value-based imaging. *J Am Coll Radiol* 2019; 16:1177-1178.
150. **Davenport MS**, Montgomery JS, Kunju LP, Siddiqui J, Rogers V, Rajendiran T, Lee E, Shao X, Barnett C, Denton BT, Piert M. 18F-choline PET/mpMRI for detection of significant prostate cancer, part 1: improved risk stratification for MRI-guided transrectal prostate biopsies. *J Nuc Med* 2020; 61:337-343.
151. Barnett CL, **Davenport MS**, Montgomery JS, Kunju LP, Denton BT, Piert M. 18F-choline PET/mpMRI for detection of significant prostate cancer, part 2: cost-effectiveness analysis. *J Nucl Med* 2019; 60:1705-1712.
152. Ellis JE, Khalatbari S, Yosef M, Cohan RH, **Davenport MS**. Influence of clinical factors on risk of contrast-induced nephrotoxicity from IV iodinated low-osmolality contrast material in patients with a low estimated glomerular filtration rate. *AJR Am J Roentgenol* 2019; 213:W188-W193.
153. **Davenport MS**. Virtual elimination of nephrogenic systemic fibrosis: a medical success story with a small asterisk. *Radiology* 2019; 292:387-389. (*invited editorial*)
154. Kennedy JM, Wang Z, Plouffe KR, Dhanasekaran SM, Hafez K, Palapattu G, Weizer A, Morgan TM, Spratt DE, **Davenport MS**, Chinnaiyan AM, Udager A, Mehra A. Clinical and morphologic review of 60 hereditary renal tumors from 30 hereditary renal cell carcinoma syndrome patients: lessons from a contemporary single institution series. *Med Oncol* 2019; 36:74.
155. Maralani PJ, Schieda N, Hecht E, Litt H, Hindman N, Heyn C, **Davenport MS**, Zaharchuk G, Hess C, Weinreb J. MRI safety and devices: an update and expert consensus. *J Mag Reson Imag* 2020; 51:657-674.
156. Pandya A, **Davenport MS**, Bude R, Shankar P, Wasnik A, Jawad-Makki F, Haymart M, Caoili EM. Retrospective cohort study of 1,947 thyroid nodules: a comparison of the 2017 Thyroid Imaging Reporting and Data System (TI-RADS) and the 2015 American Thyroid Association (ATA) classifications. *AJR Am J Roentgenol* 2020; 214:900-906.

157. Wolf KI, Jacobs MF, Mehra R, **Davenport MS**, Marentette LJ, Basura GJ, Hughes DT, Else T. A family with a carotid body paraganglioma and thyroid neoplasias with a new SDHAF2 germline variant. *J Endo Soc* 2019; 3:2151-2157.
158. Dillman JR, **Davenport MS**. Gadolinium retention: 5 years later. *Ped Radiol* 2020; 50:166-167.
159. Liles AL (*mentored resident*), Francis IR, Kalia V, Kim J, **Davenport MS**. Common causes of outpatient CT and MRI callback examinations: opportunities for improvement. *AJR Am J Roentgenol* 2020; 214:487-492. (reported on by *Radiology Business*)
160. Woolen SA (*mentored resident*), Shankar PR, Gagnier JJ, MacEachern MP, Singer L, **Davenport MS**. Risk of nephrogenic systemic fibrosis in patients with stage 4 or 5 chronic kidney disease receiving a group II gadolinium-based contrast agent: a systematic review and meta-analysis. *JAMA Int Med* 2019; 180:223-230.
161. **Davenport MS**, Perazella MA, Yee J, Dillman JR, Fine D, McDonald RJ, Rodby RA, Wang CL, Weinreb JC. Use of intravenous iodinated contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Radiology (dual-publication with Kidney Medicine)* 2020; 294:660-668.
162. **Davenport MS**, Perazella MA, Yee J, Dillman JR, Fine D, McDonald RJ, Rodby RA, Wang CL, Weinreb JC. Use of intravenous iodinated contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Kidney Medicine (dual-publication with Radiology)* 2020; 2:85-93.
163. Gilligan LA (*mentored medical student*), **Davenport MS**, Trout AT, Su W, Zhang B, Goldstein SL, Dillman JR. Risk of acute kidney injury following intravenous iodinated contrast material in children and adolescents: a propensity score-matched observational cohort study. *Radiology* 2020; 294:548-556.
164. **Davenport MS**, Khalatbari S, Keshavarzi N, Connolly M, Kocher KE, Chong ST, Srinivasan A. Differences in outcome associated with individual radiologists for emergency department patients with headache imaged with CT: a retrospective cohort study of 25,596 patients. *AJR Am J Roentgenol* 2020; 214:1122-1130.
165. Shankar PR, **Davenport MS**, Helvie M. Prostate MRI and quality: lessons learned from breast imaging rad-path correlation. *Abdom Radiol* 2020; 45:4028-4030.
166. Abdulfatah E, Kennedy JM, Hafez K, **Davenport MS**, Weizer AZ, Palapattu G, Morgan TM, Mannan R, Wang XM, Dhanasekaran SM, Kaffenberger SD, Spratt DE, Kunju L, Wu A, Lew M, Udager AM, Chinnaiyan AM, Mehra R. Clinicopathological characterization of renal cell carcinoma in young adults: a contemporary update and review of literature. *Histopathology* 2020; 76:875-887.

167. Neal CH, Pujara A, Srinivasan A, Chenevert TL, Malyarenko D, Khalatbari S, Pearlman MD, **Davenport MS**. Prospective observational non-inferiority imaging trial assessing gadoteridol retention in the deep brain nuclei of women undergoing breast MRI. *Acad Radiol* 2020; 27:1734-1741,
168. Hadjiiski LM, Cha KH, Cohan RH, Chan HP, Caoili EM, **Davenport MS**, Samala RK, Weizer AZ, Alva A, Kirova-Nedyalkova G, Shampain K, Meyer N, Barkmeier D, Woolen SA, Shankar PR, Francis IR, Palpbos P. Intraobserver variability in bladder cancer treatment response assessment with and without computerized decision support. *Tomography* 2020; 6:194-202.
169. **Davenport MS**, Shankar PR. Biparametric prostate MRI influencing care patterns in a Caribbean population. *Radiology: Imaging Cancer* 2020; 2:e200096. (*invited editorial*)
170. Mendiratta-Lala M, Masch WR, Shampain K, Zhang A, Jo AS, Moorman S, Aslam A, Maturen KE, **Davenport MS**. MRI assessment of hepatocellular carcinoma after local-regional therapy: a comprehensive review. *Radiology: Imaging Cancer* 2020; 2:e190024 (*art on cover*)
171. Lebastchi AH, Russell CM, Niknafs YS, Eyrich NW, Chopra Z, Botbyl R, Kabeer R, Osawa T, Siddiqui J, Siddiqui R, **Davenport MS**, Mehra R, Tomlins SA, Kunju LP, Chinnaiyan AM, Wei JT, Tosoian JJ, Morgan TM. Impact of the MyProstateScore (MPS) test on the clinical decision to undergo prostate biopsy: results from a contemporary academic practice. *Urology* 2020; 145:204-210.
172. Kuhn K, Larson DB, Becker C, Bierhals A, Broder J, City R, Cooke E, Cordova D, Curci N, **Davenport MS**, Dinan D, Duncan JR, Dungan D, Facchini D, Heller R, Hwang G, Irani N, Joshi A, Kadom N, Kaplan S, Kolli KP, Krishnaraj A, Marsh D, Miller A, Mintz A, Pahade J, Policeni B, Rubio EI, Towbin AJ, Wald C, Wandtke B, Willis M. Critical results in radiology: defined by clinical judgment or by a list? *J Am Coll Radiol* 2020; 18:294-297.
173. Shankar PR, **Davenport MS**. Risk of nephrogenic systemic fibrosis in stage 4 and 5 chronic kidney disease following group II gadolinium-based contrast agent administration: subanalysis by chronic kidney disease stage. *Radiology* 2020; 297:447-448.
174. Shinagare AB, **Davenport MS**, Park H, Pedrosa I, Remer EM, Chandarana H, Doshi AM, Schieda N, Smith AD, Vikram R, Wang ZJ, Silverman SG. Lexicon for renal mass terms at CT and MRI: a consensus of the Society of Abdominal Radiology Disease-Focused Panel on Renal Cell Carcinoma. *Abdom Radiol* 2021; 46:703-722. *DFP Paper of the Year*
175. Huneault L (*resident*), **Davenport MS**, Verma R, Walker D, Schieda N. Twitter and gadolinium retention: patient-reported perceptions of gadolinium-based contrast agents. *J Am Coll Radiol* 2020; 17:1355-1358.

176. Umakoshi H, Nihashi T, Shimamoto H, Yamada T, Ishiguchi H, Takada A, Hirasawa N, Ishihara S, Takehara Y, Naganawa S, **Davenport MS**, Terasawa T. Pharmacologic and non-pharmacologic interventions to prevent hypersensitivity reactions of non-ionic iodinated contrast media: a systematic review protocol. *BMJ Open* 2020; 10:e033023.
177. Tan N, Oyoyo U, Bavadian N, Ferbuson N, Mukkamala A, Calais J, **Davenport MS**. PSMA-targeted radiotracers versus F-18 fluciclovine for the detection of prostate cancer biochemical recurrence after definitive therapy: a systematic review and meta-analysis. *Radiology* 2020; 296:44-45.
178. Walker D, **Davenport MS**, McGrath TA, McInnes MDF, Shankar T, Schieda N. Breakthrough hypersensitivity reactions to gadolinium-based contrast agents (GBCA) and strategies to decrease subsequent reaction rates: a systematic review and meta-analysis. *Radiology* 2020; 296:312-321.
179. Schieda N, van der Pol CB, Walker D, Tsampalieros AK, Maralani P, Woo S, **Davenport MS**. Systematic review and meta-analysis of adverse events to the gadolinium-based contrast agent gadoxetic acid: implications for health care policy. *Radiology* 2020; 297:565-572.
180. Mendiratta-Lala M, Owen D, Masch WM, Aslam A, Cuneo K, Maurino C, Devasia T, Schipper M, Lawrence T, **Davenport MS**. Natural history of hepatocellular carcinoma after stereotactic radiation therapy. *Abdom Radiol* 2020; 45:3698-3708.
181. **Davenport MS**, Bruno MA, Iyer RS, Johnson AM, Herrera R, Nicola GN, Ortiz D, Pedrosa I, Policeni B, Recht MP, Willis M, Zuley ML, Weinstein S. ACR Statement on Safe Resumption of Routine Radiology Care During the COVID-19 Pandemic. *J Am Coll Radiol* 2020; 17:839-844.
182. **Davenport MS**, Weinreb JC. Annals for hospitalists inpatient notes - What hospitalists need to know about risk of contrast-induced AKI from contrast-enhanced computed tomography. *Ann Intern Med* 2020; 173:H02-H03.
183. Lebastchi AH, Gupta N, DiBianco JM, Piert M, **Davenport MS**, Ahdoot MA, Bloom JB, Gomella PT, Mehralivand S, Pinto PA, Turkbey B, George AK. Comparison of cross-sectional imaging techniques for the detection of prostate cancer lymph node metastasis: a critical review. *Transl Androl Urol* 2020; 9:1415-1427.
184. Shankar PR, **Davenport MS**. Risk of nephrogenic systemic fibrosis in stage 4 and 5 chronic kidney disease following group II gadolinium-based contrast agent administration: sub-analysis by chronic kidney disease stage. *Radiology* 2020; 297:447-448.
185. O'Donohue LS, Shankar PR, Stein EB, **Davenport MS**. Characteristics of gadolinium-based contrast media cancellation at the point of care: a 15-month assessment of FDA-inspired medication guides on gadolinium retention. *Abdom Radiol* 2021; 46:799-804.

186. Corwin MT, Altinkamakas E, Asch D, Bishop KA, Boge M, Curci NE, Ebada M, Elkassem AA, Fananapazir G, Fetzer DT, Gaballah AH, Gandhi D, Kampalath R, Lee S, Markese M, McInnes MD, Patel NU, Remer EM, Rosasco S, Schieda N, Sweet DE, Smith AD, Taylor E, Silverman SG, **Davenport MS**. Clinical importance of incidental homogeneous renal masses 10-40 mm and 21-39 Hounsfield Units at portal venous-phase CT: A 12-institution retrospective cohort study. *Am J Roentgenol* 2020; doi: 10.2214/AJR.20.24245.
187. Kim KY, Tan N, Moretz J, Mitchell K, **Davenport MS**. Emergency department length of stay following discontinuation of routine oral contrast material. *Abdom Radiol* 2021; 46:1210-1215.
188. Krishna S, Schieda N, Pedrosa I, Hindman N, Baroni RH, Silverman SG, **Davenport MS**. Update on MRI of cystic renal masses including Bosniak version 2019. *J Magn Reson Imag* 2020; doi: 10.1002/jmri.27364.
189. Smith J, Tan N, Rayappureddi M, Shih W, Mitchell K, Estes M, Dudas R, Camara J, Jacobson J, **Davenport MS**. Availability of a final abdominopelvic CT report before emergency department disposition: risk-adjusted outcomes in patients with abdominal pain. *Abdom Radiol* 2021; doi: 10.1007/s00261-020-02899-4.
190. **Davenport MS**, Shankar PR. Risk of nephrogenic systemic fibrosis from gadoxetic acid in patients with severe kidney disease. *Radiology* 2020; 297:563-564. (*invited editorial*)
191. Weinreb JC, Rodby RA, Yee J, Wang CL, Fine D, McDonald RJ, Perazella MA, Dillman JR, **Davenport MS**. Use of intravenous gadolinium-based contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Radiology (dual publication in Kidney Medicine)* 2021; 298:28-35.
192. Weinreb JC, Rodby RA, Yee J, Wang CL, Fine D, McDonald RJ, Perazella MA, Dillman JR, **Davenport MS**. Use of intravenous gadolinium-based contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Kidney Medicine (dual publication with Radiology)* 2020; 3:142-150.
193. **Davenport MS**, Fruscello T, Chatfield M, Weinstein S, Sensakovic WF, Larson DB. Computed tomography volumes from 2,398 radiology practices in the United States: a realtime indicator of the effect of COVID-19 on routine care, January to September 2020. *J Am Coll Radiol* 2021; 18:380-387.
194. Edney E, **Davenport MS**, Curci N, Schieda N, Krishna S, Hindman N, Silverman SG, Pedrosa I. Bosniak classification of cystic renal masses, version 2019: interpretation pitfalls and recommendations to avoid misclassification. *Abdom Radiol* 2021; doi: 10.1007/s00261-020-02906-8.

195. Ananthakrishnan L, Mielke N, Xi Y, **Davenport MS**. Fidelity of electronic documentation for reactions prompting premedication to iodinated contrast media. *J Am Coll Radiol* 2021; doi:10.1016/j.jacr.2021.01.005.
196. Abdulfatah E, Reichert Z, **Davenport MS**, Chinnaiyan AM, Dadhania V, Hollenbeck B, Montgomery JS, Kaffenberger S, Morgan TM, Alva A, Palapattu G, Vaishampayan U, Alumkal JJ, Spratt DE, Udager AM, Mehra R. De novo neuroendocrine transdifferentiation in primary prostate cancer—a phenotype associated with advanced clinic-pathologic features and aggressive outcome. *Med Oncol* 2021; 38:doi:10.1007/s12032-021-01473-2.
197. Palmboos PL, Daignault-Newton S, Tomlins SA, Agarwal N, Twardowski P, Morgans AK, Kelly WK, Arora VK, Antonarakis ES, Siddiqui J, Jacobson JA, **Davenport MS**, Robinson D, Chinnaiyan AM, Knudsen KE, Hussain M. Co-targeting AR signaling and cell cycle: a randomized phase II study of androgen deprivation therapy with or without palbociclib in RB-positive metastatic hormone sensitive prostate cancer (mHSPC). *Clin Can Res* 2021; clincanres.0024.2021.
198. Roseland ME, Shankar PR, Houck G, **Davenport MS**. Targeting missed care opportunities using modern communication methods: a quality improvement initiative to improve access to CT and MRI appointments. *Acad Radiol* 2021; doi: 10.1016/j.acra.2021.03.008.
199. Woolen SA, Singal AG, **Davenport MS**, Troost JP, Khalatbari S, Mittal S, Siddiqui S, Fobar A, Morris J, Odewole M, Tapper EB, Pillai A, Parikh ND. Patient preferences for hepatocellular carcinoma surveillance parameters. *Clin Gastro Hepatol* 2021; S1542-3565(21)00202-0.
200. Curci NE, Triche BL, Abel EJ, Bhutani G, Maciolek KA, Dreyfuss LD, Allen GO, Caoili EM, **Davenport MS**, Wells SA. Effect of iodinated contrast material on post-operative eGFR when administered during renal mass ablation. *Eur Radiol* 2021; doi: 10.1007/s00330-020-07613-y.

Manuscripts Accepted for Publication

1. Silverman SG, **Davenport MS**. Practical management of Bosniak v.2019 class II masses. *Radiology* 2020.
2. Schieda N, **Davenport MS**, Krishna S, Edney E, Pedrosa I, Hindman N, Baroni RH, Curci N, Shinagare A, Silverman SG. Bosniak classification of cystic renal masses version 2019: a pictorial guide to clinical use. *RadioGraphics* 2020
3. **Davenport MS**, Downs E, George AK, Curci NE, Salka BR, Sullivan TQ, Shankar PR. PI-RADS v2 as a radiology performance metric: an analysis of 18 abdominal radiologists and 5,556 prostate MRIs. *J Am Coll Radiol* 2021.
4. Alabousi M, **Davenport MS**. Use of intravenous gadolinium-based contrast media in patients with kidney disease and the risk of nephrogenic systemic fibrosis: research in

practice. Radiology 2021

5. Woolen SA, Pujara AC, McDonald JS, McDonald RJ, Lewin AA, Patterson KH, Westphal SM, Shankar PR, Melsaether AN, Nettles A, Piccoli L, Welby J, Pradip P, Kiros N, **Davenport MS**. Prospective multicenter assessment of patient preferences for properties of gadolinium-based contrast media in the setting of screening breast MRI. Euro Radiol 2021.

Department of Radiology
University Hospital/B1D502G
1500 East Medical Center Drive
Ann Arbor, Michigan 48109-0030
(734) 763-6116 phone
(734) 936-7948 fax
E-mail: rcohan@umich.edu
Richard H. Cohan, M.D.
Professor of Radiology

April 5, 2021

To whom it may concern:

It is with great pleasure that I write this letter of recommendation on behalf of Matthew S. Davenport, M.D., who is applying for appointment as Fellow in the American College of Radiology. Dr. Davenport is a phenomenal radiologist. He has made many outstanding contributions to our field, and, in my opinion, is well-deserving of this honor.

Dr. Davenport has been a faculty member in the Department of Radiology at the University of Michigan for the past 10 years. During that time, he has rapidly ascended through the Departmental ranks. He has been given increasing administrative responsibilities within and outside of the Department. He is now an Associate Professor of both Radiology and Urology at the University of Michigan. For five years, he was a Director of the Body MRI section and a Chair of the Michigan Radiology Quality Collaborative in the Department of Radiology. He is currently an Associate Departmental Chair (of Clinical Operations).

Dr. Davenport joined the American College of Radiology as a Radiology resident in 2007. He has made many important contributions to the College since that time. He has been a member (since 2009) and then Chair (since 2017) of the College's Committee on Drugs and Contrast Media. He has been a member of the College's Committee on Parameters and Standards and the ACR Commission on Quality and Safety. He was named Vice-Chair of the College's Quality and Safety Commission and Chair of the Writing Committee for the Safe Re-Engagement of Routine Radiology Care During the COVID-19 Pandemic in 2020. Dr. Davenport has made numerous contributions to other national Radiology societies, including the Radiological Society of North America and the Society of Abdominal Radiology.

Dr. Davenport is an outstanding teacher and mentor. He has worked closely with many medical students and Radiology residents throughout the years. He has been a visiting professor at many academic centers. Perhaps most impressive to me, however, is the incredible patience that he has displayed in working with the few struggling Radiology residents we have had at the University of Michigan. He has spent many hours privately tutoring these individuals, without ever asking for or expecting any acknowledgement/reward for his efforts. The results have been impressive. Many of his mentees have eventually become outstanding radiologists and successful academicians.

Dr. Davenport is an amazingly talented researcher. He has 200 peer review publications, with many addressing the use of radiographic contrast media and quality in Radiology. He has received numerous awards for his high-quality research. One of Dr. Davenport's most impressive accomplishments was his study on post-contrast acute kidney injury. Through his use of an innovative statistical technique applied to a huge database, Dr. Davenport was one of the first researchers in any specialty to demonstrate that iodinated contrast media is not nearly as

Department of Radiology
University Hospital/B1D502G
1500 East Medical Center Drive
Ann Arbor, Michigan 48109-0030
(734) 763-6116 phone
(734) 936-7948 fax
E-mail: rcohan@umich.edu
Richard H. Cohan, M.D.
Professor of Radiology

nephrotoxic as it was previously thought to be. The resulting publication in *Radiology* received recognition as one of the two best original scientific articles published in that journal in 2013. It is no exaggeration to state that the results of this research have since led to widespread changes in the practice of Radiology throughout the world.

Thus, it is no surprise that Dr. Davenport's academic accomplishments have been recognized internationally, as well as nationally. He and his mentees have been invited to speak at multiple international, as well as national, meetings, including at annual meetings of the European Society of Urogenital Radiology (in both Croatia and Scotland).

Dr. Davenport is a phenomenal clinical radiologist. His clinical skills are unparalleled. His opinions on cases are constantly sought out by the clinicians at our institution and by other radiologists across the country. Over the years, his expertise has benefited countless patients.

Equally important to all of his other accomplishments is Dr. Davenport's moral compass. He can be counted upon to represent his Department, his Specialty, and the American College of Radiology well at all times. He is a compassionate and caring physician. His ethics are beyond reproach. His intellectual integrity is unparalleled.

In summary, Dr. Davenport is a spectacular radiologist. In my opinion, individuals with the talents and strengths that Dr. Davenport possesses are encountered only very rarely. Clearly, Dr. Davenport is well deserving of recognition as a Fellow in the College and I wholeheartedly and unreservedly support his application.

If you have any further questions concerning Dr. Davenport's many impressive qualifications, please do not hesitate to contact me.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Richard H. Cohan, M.D.", with a stylized flourish at the end.

Richard H. Cohan, M.D.
Professor of Radiology
University of Michigan Hospitals
RHC: nfs

Yale SCHOOL OF MEDICINE

Department of Radiology and Biomedical Imaging

JEFFREY C. WEINREB, MD, FACR,
FISMRM, FSCBTMR

*Vice Chair for Strategic Planning and Innovation
Professor, Radiology and Biomedical Imaging
Director, MRI Services*

PO Box 208042
New Haven CT 06520-8042
T 203 785-5913
jeffrey.weinreb@yale.edu

courier
789 Howard Avenue
New Haven CT 06519

April 8, 2021

RE: ACR Fellowship for Matthew Davenport

Dear Nominating Committee

I am writing this letter to support for the nomination of Matthew Davenport for ACR Fellowship. Matt has been a member of the ACR since 2007, and he easily qualifies for this honor.

Since Matt finished his training in 2011, he has been training the rest of us. With lightening speed, he has become one of the most credible and respected radiologists working in the important realm of quality & safety and contrast agents. Along with his esteemed colleagues at the University of Michigan, he has produced data and published papers that have had an enormous effect on some of our most basic concepts, and these have quickly permeated into clinical practice.

Of course, he is not a "one trick pony". He has also made important contributions in, amongst other areas, MR and CT urology and hepatic imaging.....and he is superb speaker.

Research and teaching credentials include;

- Service Chief for Radiology, University of Michigan Health System, Department of Urology

- Numerous research grants

Author/co-author more than 200 peer reviewed publications

- Unprecedented number of awards for research

- More than 230 invited lectures

- 46 visiting professorships

- Mentor to large number of trainees in Diagnostic Radiology



In terms of service to the Radiology community, Matt has served on many committees of professional organizations, including the ACR;
Vice Chair, Quality and Safety Commission
Chair, Writing Committee for the Safe Re-Engagement of Routine Radiology Care During the COVID-19 Pandemic
Chair, RADS Working Group

Matt is on a trajectory to become one of the future leaders of our profession. He is richly deserving on the honor of becoming a Fellow of the ACR

Sincerely,

A handwritten signature in black ink, appearing to read "J. Weinreb". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

Jeffrey C. Weinreb, MD, FACR

Matthew S Davenport MD – FACR application (2021)

Academic presentations and visiting professorships

Teaching

Invited Presentations (Local)

1. **Davenport MS**, “Utility of delayed whole body bone scintigraphy following directed 3-phase examinations. University of Michigan Health System, Department of Radiology, Grand Rounds, 11/2008
2. **Davenport MS**. “Basic computed tomography physics and interpretation”. University of Michigan Health System, Department of Internal Medicine, Morning Report, 9/2009.
3. **Davenport MS**. “Treatment of contrast-related complications”, University of Michigan Health System, Department of Radiology, Contrast Reaction Course, 10/2009.
4. **Davenport MS**. “Basic plain film interpretation and x-ray physics”. University of Michigan Health System, Department of Internal Medicine, Ambulatory Conference. 10/2009, repeated 1/2010.
5. **Davenport MS**. “Treatment of contrast reactions”, University of Michigan Health System, Department of Radiology, Contrast Reaction Course, 9/2010, 9/2011
6. Leder R, **Davenport MS**. “Contrast Media Update”, Duke University Medical Center, Department of Radiology, Grand Rounds, 9/2010.
7. **Davenport MS**. “Basic Computed Tomography of the Abdomen and Pelvis”, Duke University Medical Center, Department of Radiology, 10/2010.
8. **Davenport MS**, “MR Imaging of Prostate Cancer”, Duke University Medical Center, Prostate Cancer Workgroup, 10/2010.
9. **Davenport MS**, “Management of acute contrast reactions”, Duke University Medical Center, Radiation Oncology Department, 1/2011
10. **Davenport MS**, “GU Board Review: 1”, Duke University Medical Center, Radiology Department, Resident Oral Board Review, 2/2011
11. **Davenport MS**, “GU Board Review: 2”, Duke University Medical Center, Radiology Department, Resident Oral Board Review, 3/2011
12. **Davenport MS**, “GU Section, Mock Oral Boards”, Radiology Department, Duke University Medical Center, 4/2011
13. **Davenport MS**, “Prostate MRI – Didn’t we give up on this 10 years ago? GU Oncology

Multidisciplinary Conference, Duke University Medical Center, 6/2011

14. **Davenport MS**, “Corticosteroid Prophylaxis”, University of Michigan Health System, Contrast Reaction Course, 9/2011

15. Cohan RH, **Davenport MS**, “University of Michigan Contrast Media Policies”, University of Michigan Health System, Grand Rounds, Department of Radiology, 11/2012.

16. **Davenport MS**, “Bladder-Related Imaging: An Indication-Based Review”, Urogynecology Multidisciplinary Conference, University of Michigan Health System, 7/17/2013.

17. **Davenport MS**, “Core Exam Review”, University of Michigan Health System, 8/20/2013.

18. **Davenport MS**, “Corticosteroid Premedication”, University of Michigan Health System, 8/21/2013, 8/20/2014

19. **Davenport MS**, “Management of acute contrast reactions”, University of Michigan Health System, 8/21/2013

20. **Davenport MS**, “The Shifting Landscape of Contrast-Induced Nephrotoxicity”, 100th Anniversary of the Radiology Department (CME course), University of Michigan Health System, 10/2013

21. **Davenport MS**, Hussain HK. “Standardizing hepatocellular carcinoma reporting”, Department of Radiology Grand Rounds, University of Michigan Health System, 10/30/2013.

22. **Davenport MS**. “What really works to prevent contrast-induced nephrotoxicity?” Update on Advanced Cardiac Imaging CME Course, University of Michigan Health System, 3/8/2014.

23. **Davenport MS**, “Core Exam Review: Contrast Media”, University of Michigan Health System, 4/10/2014.

24. **Davenport MS**, “Technique and future of prostate MRI”, Fellows conference, University of Michigan Health System, 4/2014

25. **Davenport MS**, “When and How to Use Epinephrine in the Radiology Department”, University of Michigan Health System, Department of Radiology 8/20/2014

26. **Davenport MS**, “Quality Indicators”, Faculty meeting, University of Michigan Health System, Department of Radiology 10/22/2014

27. **Davenport MS**, “Faculty interpretation of prostate MRI”, University of Michigan Health System, Department of Radiology 12/11/2014

28. **Davenport MS**, “Intravenous contrast media-related complications”, Residency interviewee lecture, University of Michigan Health System, Department of Radiology 12/12/2014
29. **Davenport MS**, “Quality Revolution in the U.S. 2010-2013”, Faculty meeting, University of Michigan Health System, Department of Radiology 12/17/2014 and 1/14/2015.
30. **Davenport MS**, “Prostate MRI”, Grand Rounds, Department of Urology, University of Michigan Health System, 6/11/2015
31. **Davenport MS**, “Department of Radiology Quality Program”, Medical Staff Quality Committee Meeting, Michigan University of Michigan Health System, 6/23/2015
32. **Davenport MS**, “Contrast Media Reactions: Simulation Training”, Clinical Simulation Center, University of Michigan Health System, 7/7/2015
33. **Davenport MS**, “CIN”, University of Michigan Health System, Department of Radiology, Contrast Reaction Course, 8/17/2015
34. **Davenport MS**, “Prostate MRI at UM and Across the State of Michigan”, prostate SPORE, University of Michigan, 8/4/2016
35. **Davenport MS**, “Radiology quality assurance: We need to change”, Faculty meeting, University of Michigan Health System, Department of Radiology 9/14/2016.
36. **Davenport MS**, “Michigan Radiology Quality Collaborative: The first two years”, Grand Rounds, University of Michigan Health System, Department of Radiology 10/5/2016
37. **Davenport MS**, “Eovist: Technical Considerations”, Resident Applicant Interview Lecture, University of Michigan Health System, Department of Radiology 11/14/2016
38. **Davenport MS**, “HCC Diagnosis and Response Assessment”, Division of Interventional Radiology, University of Michigan Health System 6/9/2017
39. **Davenport MS**, “MRQC: Novel Radiology QA Indicators”, University of Michigan Department of Radiology, Faculty Meeting, 6/27/2017
40. **Davenport MS**, “Contrast Media at UM”, University of Michigan Department of Radiology, Noon Conference 7/12/2017
41. **Davenport MS**, “Contrast Media: Myths and Science”, University of Michigan Department of Radiology, Research Symposium, 7/17/2017
42. **Davenport MS**, “Contrast Media: The Important Stuff”, University of Michigan Contrast Course, Department of Radiology, 8/16/2017

43. **Davenport MS**, “The Diagnostic Process: More Than Just Interpreting Images”, Interview Day Lecture, Department of Radiology, 10/30/2017
44. **Davenport MS**, “Michigan Radiology Quality Collaborative”, Michigan Quality Council, Michigan Medicine, 11/16/2017
45. **Davenport MS**, “MRQC: Effective Communication, Gadolinium Updates”, University of Michigan Department of Radiology, Faculty Meeting, 12/20/2017
46. **Davenport MS**, “Liver Tumor Board: Basics and Details”, First Invitational Lecture, University of Michigan Department of Radiology, 3/13/2018
47. **Davenport MS**, “Communication and professionalism”, University of Michigan Department of Radiology, Faculty Meeting, 5/30/2018
48. **Davenport MS**, “360 evaluations”, University of Michigan Department of Radiology, Faculty Meeting, 6/27/2018
49. **Davenport MS**, “Contrast media controversies”, University of Michigan Department of Internal Medicine, Grand Rounds, 6/29/2018
50. **Davenport MS**, “Contrast media basics”, University of Michigan Department of Radiology, Incoming faculty presentation, 7/16/2018
51. **Davenport MS**, “Prostate MRI: ensuring quality care”, Reed M. Nesbit Society Guest Speaker, Michigan Medicine, 9/21/2018
52. **Davenport MS**, “Clinical faculty promotions: Research Scholar track”, New Faculty Orientation, Michigan Medicine, 10/18/2018
53. **Davenport MS**, “CT body composition assessment”, fellows lecture, Michigan Medicine, 10/19/2018
54. **Davenport MS**, “Living liver donor assessment at CT”, fellows lecture, Michigan Medicine, 10/19/2018
55. **Davenport MS**, “Renal mass MRI basics and reporting”, urology resident lecture, Michigan Medicine, 12/19/2018
56. **Davenport MS**, “Research design, p-values, and methodological rigor”, Abdominal Faculty Journal Club, Michigan Medicine, 1/9/2019
57. **Davenport MS**, “Creating an institutional quality collaborative”, AAMC Teaching for Quality Course (Te4Q), Michigan Medicine, 1/10/2019

58. **Davenport MS**, “Contrast reaction and extravasation management”, Certified Radiology Nurse Review Course, Michigan Medicine, 1/12/2019
59. **Davenport MS**, “Why in healthcare do we ignore quality?”, Noon conference, Michigan Medicine, 1/24/2019
60. **Davenport MS**, “CT scanning and nephrectomy: overdiagnosis and overtreatment”, Abdominal Radiology Journal Club, Michigan Medicine, 3/6/2019
61. **Davenport MS**, “Prostate MRI basics and case review”, Radiation Oncology Residents Conference, Michigan Medicine, 5/10/2019
62. **Davenport MS**, “Contrast media safety overview”, New trainee orientation, Department of Radiology, Michigan Medicine, 7/8/2019
63. **Davenport MS**, “Communication in Radiology”, Department of Radiology, Michigan Medicine, 8/9/2019
64. **Davenport MS**, “Contrast media: the interesting stuff”, Department of Radiology Contrast Course, Michigan Medicine, 8/20/2019
65. **Davenport MS**, “Balancing workload, academic productivity, and emotional wellness”, Department of Physical Medicine and Rehabilitation, Michigan Medicine, 12/12/2019
66. **Davenport MS**, “Making major career decisions”, Department of Physical Medicine and Rehabilitation, Michigan Medicine, 12/12/2019
67. **Davenport MS**, “Bosniak v.2019”, Department of Urology, Michigan Medicine, 12/17/2019
68. **Davenport MS**, “Bosniak v.2019”, Department of Radiology, Michigan Medicine, 12/20/2019
69. **Davenport MS**, “Balancing workload, academic productivity, and emotional wellness”, Department of Radiology, Michigan Medicine, 12/20/2019
70. **Davenport MS**, “Team building and effective communication: interactive experience”, Cross-sectional Interventional Radiology, Michigan Medicine, 1/9/2020
71. **Davenport MS**, “Hepatocellular carcinoma imaging”, Radiation Oncology resident teaching conference, Michigan Medicine 1/17/2020
72. **Davenport MS**, “Risk of nephrogenic systemic fibrosis from gadoxetic acid”, Abdominal Radiology Journal Club, Michigan Medicine, 10/7/2020
73. **Davenport MS**, “Bosniak v.2019”, Urology Residents, Michigan Medicine, 11/17/2020

74. **Davenport MS**, “Prostate MRI”, Urology Residents, Michigan Medicine, 11/17/2020
75. **Davenport MS**, “GU Cases: Part 1”, Radiology Residents, Michigan Medicine, 1/5/2021
76. **Davenport MS**, “GU Cases: Part 2”, Radiology Residents, Michigan Medicine, 1/5/2021
77. **Davenport MS**, “Board Review Part 1”, Radiology Residents, Michigan Medicine, 1/7/2021
78. **Davenport MS**, “Board Review Part 2”, Radiology Residents, Michigan Medicine, 1/7/2021

Extramural Seminars and Presentations

1. Cohan RH, **Davenport MS**, Ellis JH. “Roid rage: the continuing battle over steroid preps”. Society of Uroradiology Annual Meeting (2010)
2. Cohan RH, **Davenport MS**. “A patient is crashing in your CT suite after receiving IV contrast. Do you know what to do?” Society of Uroradiology Annual Meeting (2011)
3. **Davenport MS**. “Corticosteroid Prophylaxis”, European Society of Uroradiology, Annual Meeting (2011)
4. Leder R, **Davenport MS**. “Contrast Media Update 2011: Pre-assessment strategies and contrast reaction management”, American College of Radiology North Carolina Chapter, Annual Meeting, 3/2011
5. **Davenport MS**, Cohan RH, Ellis JH. “Contrast media controversies: premedication, CIN, renal functional assessment prior to contrast [IV contrast-induced nephrotoxicity: real, fake, or somewhere in-between?]”, Society of Uroradiology Annual Meeting (2012)
6. **Davenport MS**, Halvorsen RA. “Contrast Media Policies and Use of eGFR and Point of Care testing”, roundtable discussion faculty, Society of Computed Body Tomography and Magnetic Resonance Imaging, Annual Meeting, 2012.
7. **Davenport MS**, “Radiology Vortex”, ‘Cases I wish I’d done differently’, Society of Computed Body Tomography and Magnetic Resonance Imaging, Annual Meeting, 2012.
8. **Davenport MS**, “Management of Acute Contrast Reactions”, MD Anderson Cancer Center, Visiting Professor, 12/5/2012
9. **Davenport MS**, “The Shifting Landscape of Contrast-Induced Nephrotoxicity [CIN]”, MD Anderson Cancer Center Visiting Professor, 12/5/2012
10. **Davenport MS**, “Contrast Media”, University of Chicago, Specialty Review in Urology, 4/19/2013

11. **Davenport MS**, “Renal Infection”, University of Chicago, Specialty Review in Urology, 4/19/2013
12. **Davenport MS**, “Urolithiasis”, University of Chicago, Specialty Review in Urology, 4/19/2013
13. **Davenport MS**, “Scrotal Ultrasound”, University of Chicago, Specialty Review in Urology, 4/19/2013
14. **Davenport MS**, “Retroperitoneal Fibrosis”, University of Chicago, Specialty Review in Urology, 4/19/2013
15. **Davenport MS**, “Management of contrast-related complications”, Michigan Radiological Society Keynote Speaker, 10/24/2013.
16. **Davenport MS**, Caoili EM, “Percutaneous renal mass biopsy: Techniques and opportunities”, Society of Abdominal Radiology Annual Meeting (2013)
17. **Davenport MS**, “Current ACR guidelines for IV contrast media”, Society of Abdominal Radiology Annual Meeting (2013), Plenary Session
18. **Davenport MS**. Selected Radiology Podcast (radiology.rsna.org) re: A comparison of acute transient dyspnea following the intravenous administration of gadoxetate disodium and gadobenate dimeglumine: effect on arterial phase imaging quality. Podcast published on radiology.rsna.org (2013).
19. **Davenport MS** et al. Selected Radiology Podcast (radiology.rsna.org) re: Isolating the role of intravenously administered low-osmolality iodinated contrast material on the development of contrast-induced nephrotoxicity. Podcast published on radiology.rsna.org (2013).
20. **Davenport MS**, “Missed Cases: Technique and Process Limitations”, Plenary Session, Society of Abdominal Radiology Annual Meeting, 3/26/2014.
21. **Davenport MS**, “Report on the 2012 SUR grant award: Contrast-induced nephrotoxicity”, Society of Abdominal Radiology, Annual Meeting, 3/23/2014.
22. **Davenport MS**, “Adrenal glands”, University of Chicago, Specialty Review in Urology, 4/27/2014
23. **Davenport MS**, “Prostate MRI”, University of Chicago, Specialty Review in Urology, 4/27/2014
24. **Davenport MS**, McDonald RJ. Selected Radiology Podcast (radiology.rsna.org) re: Margulis Award and Contrast-Induced Nephrotoxicity. Podcast published on radiology.rsna.org (2014).

25. **Davenport MS**, Newhouse JH, Hartman RP. “CIN: The Great Debate”, Society of Abdominal Radiology Annual Meeting (2014).
26. **Davenport MS**, Baron R. Selected Radiology Podcast (radiology.rsna.org) re: “Repeatability of major diagnostic features and scoring systems for hepatocellular carcinoma using dynamic contrast-enhanced magnetic resonance imaging”. Podcast published on radiology.rsna.org (2014).
27. **Unknown Case Panel**, Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR), Annual Meeting, 9/2014
28. **Davenport MS**, Essentials Course, “Intravenous contrast media”, Radiological Society of North America, Annual Meeting, 12/2014
29. **Davenport, MS**, Keynote Speaker, “CT contrast agents—administration and safety”, Radiological Society of North America, Annual Meeting, 12/2014
30. Montgomery JS, **Davenport MS**. “New facts of cancer: part 2”. Interviewed for a local news spot on Channel 7 and Channel 4 news (Northern Michigan) regarding fusion prostate biopsy technique and opportunity. 11/2014.
31. **Davenport MS**, “Prostate MRI”, Michigan Urological Surgery Improvement Collaborative (MUSIC), Quarterly Meeting, 1/30/2015
32. **Davenport MS**. “ABR-style core exam review: genitourinary imaging”, Yale Diagnostic Radiology, Visiting Professor, 2/26/2015.
33. **Davenport MS**. “Intravenous contrast media: contrast-induced AKI and other matters”, Yale Diagnostic Radiology, Visiting Professor, 2/26/2015.
34. **Davenport MS**. “Genitourinary imaging: Core Exam review”, Osler Institute, Crush the Core (Chicago, IL), 3/20/2015.
35. **Davenport MS**. “What makes a good screening test?” Society of Abdominal Radiology, Annual Meeting, 3/22/2015.
36. **Davenport MS**, Hussain HK. “Benefits and challenges of HCC reporting systems”, Society of Abdominal Radiology, Annual Meeting, 3/24/2015.
37. **Davenport MS**. “Prostate MRI”, Michigan State University, Department of Radiology, Atis K. Freimanis Visiting Professor, 4/7/2015
38. **Davenport MS**. “Contrast reaction management”, Michigan State University, Department of Radiology, Atis K. Freimanis Visiting Professor, 4/7/2015
39. **Davenport MS**. “Genitourinary imaging core exam review”, Michigan State University,

Department of Radiology, Atis K. Freimanis Visiting Professor, 4/7/2015

40. **Davenport MS**. “Quality improvement in the academic medical center”, Association of University Radiologists (AUR), Annual Meeting, 4/14/2015
41. **Davenport MS**, “Contrast-induced acute kidney injury”, American Roentgen Ray Society (ARRS), Annual Meeting, 4/24/2015
42. **Davenport MS**, “Prostate MRI: Lecture and Hands-On Instruction”, 4 hours of instruction, Day-Long Prostate MRI Fusion Biopsy Course, University of Michigan Health System, Department of Urology, 6/13/2015.
43. **Davenport MS**, “Prostate MRI and Fusion Biopsy at the University of Michigan”, Northern Michigan, 7/15/2015
44. **Davenport MS**, “CIN: Can we agree on a definition?”, European Society of Urogenital Radiology (Copenhagen, Denmark), 9/19/2015
45. **Davenport MS**, “Cases I wish I could do over again”, Society of Computed Body Tomography and Magnetic Resonance, 10/8/2105
46. **Davenport MS**, “Structured debate (Opposing View): Should there be any contraindications for intravenous iodinated or gadolinium-based contrast media?” Society of Computed Body Tomography and Magnetic Resonance, 10/9/2105
47. **Davenport MS**, “Structured reporting for hepatocellular carcinoma”, Roundtable Leader, Society of Computed Body Tomography and Magnetic Resonance, 10/9/2105
48. **Davenport MS**, “Resident CORE exam review”, Visiting Professor, Rutgers Medical Center, 10/16/2015
49. **Davenport MS**, “Contrast-induced AKI and corticosteroid prophylaxis”, Visiting Professor, Rutgers Medical Center, 10/16/2015
50. **Davenport MS**, “Prostate MRI and Targeted Board Review” (4.5 hours of lecture and instruction), St. Mary’s Medical Center, Grand Rapids MI, 11/10/2015
51. **Davenport MS**, McDonald RJ, et al. Selected Radiology Podcast (radiology.rsna.org) re: Controversies in contrast medium-induced acute kidney injury: closing in on the truth? Podcast published on radiology.rsna.org (2015).
52. **Davenport MS**, Purysko A, Vilgrain V. Selected Radiology Podcast (radiology.rsna.org) re: Radiology Select v.7 Liver Imaging and Repeatability of major diagnostic features and scoring systems for hepatocellular carcinoma using dynamic contrast-enhanced magnetic resonance imaging. (2015)
53. **Davenport MS** (Keynote Speaker). “Safety and efficacy of corticosteroid prophylaxis”,

Radiological Society of North America, Annual Meeting, 12/2015

54. **Davenport MS.** “Which contrast agent should I choose?” Radiological Society of North America, Annual Meeting, 12/2015
55. **Davenport MS.** “Gadolinium or iodinated contrast material for severe kidney disease?” Radiological Society of North America, Annual Meeting, 12/2015
56. **Davenport MS.** “Quality and Safety Research”, Radiological Society of North America, Annual Meeting, 12/2015
57. **Davenport MS.** “Contrast-induced AKI and other matters”, Visiting Professor, Brigham and Women’s Hospital, 1/2016
58. **Davenport MS.** “Genitourinary imaging board review”, Visiting Professor, Brigham and Women’s Hospital, 1/2016
59. **Davenport MS.** “Contrast-induced AKI and other matters”, Visiting Professor, Massachusetts General Hospital, 1/2016
60. **Davenport MS.** “Genitourinary imaging board review”, Visiting Professor, Massachusetts General Hospital, 1/2016
61. **Davenport MS.** “Contrast-induced AKI and other matters”, Visiting Professor, Beth Israel Deaconess Hospital, 1/2016
62. **Davenport MS.** “Genitourinary imaging board review”, Visiting Professor, Beth Israel Deaconess Hospital, 1/2016
63. **Davenport MS.** “Contrast-induced AKI and other matters”, Visiting Professor, New York University, 2/2016
64. **Davenport MS.** “Genitourinary imaging board review”, Visiting Professor, New York University, 2/2016
65. **Davenport MS.** “Corticosteroid prophylaxis: Efficacy, Risk, and Failure”, Visiting Professor, New York University, 2/2016
66. **Davenport MS, Hussain HK.** “Hepatobiliary MR Outside 2nd Interpretations: Adding Value”, Society of Abdominal Radiology Annual Meeting, 3/2016
67. **Davenport MS, Pahade J, Sekhar A.** “SAM: Mastering the Hepatopancreaticobiliary Tumor Board”, Society of Abdominal Radiology Annual Meeting, 3/2016
68. **Davenport MS.** Selected Radiology Podcast (radiology.rsna.org) re: Indirect Cost and Harm Attributable to Oral 13-Hour Inpatient Corticosteroid Prophylaxis before Contrast-Enhanced CT. Podcast published on radiology.rsna.org (2016).
69. **Davenport MS.** “Contrast-induced AKI and other matters”, Visiting Professor, Medical University of South Carolina, 4/2016

70. **Davenport MS**. “Genitourinary imaging board review”, Visiting Professor, Medical University of South Carolina, 4/2016
71. **Davenport MS**. “Corticosteroid prophylaxis: Efficacy, Risk, and Failure”, Visiting Professor, Medical University of South Carolina, 4/2016
72. **Davenport MS**, “Contrast-induced acute kidney injury”, American Roentgen Ray Society (ARRS), Annual Meeting, 4/21/2016
73. **Davenport MS**, “Contrast-induced AKI and other matters”, Earl Miller Visiting Professor, UCSF, 4/27/2016
74. **Davenport MS**, “Genitourinary core exam review”, Earl Miller Visiting Professor, UCSF, 4/27/2016
75. **Davenport MS**, “Prostate MRI: Raising the ceiling or raising the floor”, Earl Miller Visiting Professor, UCSF, 4/27/2016
76. **Davenport MS** (contrast media), Mayo-Smith WW (radiation), Brink JA (moderator). Optimizing outcomes with CT imaging: radiation and contrast monitoring. Medscape 2016; <http://www.medscape.org/viewarticle/861205>
77. **Davenport MS**, “Prostate MRI: Ensuring quality care”, Visiting Professor, Munson Medical Center, 6/6/2016
78. **Davenport MS**, “CIN: data and policy”, International Society of CT, Annual Meeting 2016
79. **Davenport MS**, “Who needs a steroid prep (if anyone)?”, International Society of CT, Annual Meeting 2016
80. **Davenport MS**, “Consensus CT reporting standards for renal masses”, International Society of CT, Annual Meeting 2016
81. **Davenport MS**, “Advanced CT communication with acute-care surgeons”, International Society of CT, Annual Meeting 2016
82. **Davenport MS**, “Contrast Media and Targeted Board Review” (4.5 hours of lecture and instruction), St. Mary’s Medical Center, Grand Rapids MI, 7/5/2016
83. **Davenport MS**, “Prostate MRI in Community Practice”, Visiting Professor, Regional Medical Imaging, 7/11/2016
84. **Davenport MS**, “Contrast-induced acute kidney injury and other matters”, Visiting Professor, Mallinckrodt Institute of Radiology, 7/22/2016
85. **Davenport MS**, “Contrast media 2016: What’s new?” SCBT-MR Annual Meeting 2016

86. **Davenport MS**, “Allergic-like reactions to GBCM”. Gadolinium symposium, SCBT-MR Annual Meeting 2016
87. **Davenport MS**, Morgan DE. “SCBT-MR Unknown Case Panel Presentation.” SCBT-MR Annual Meeting 2016
88. **Davenport MS**, “Bacterial contamination of CT equipment and the Michigan Radiology Quality Collaborative”. LCIR roundtable: Managing for success webcast, 10/26/2016
89. **Davenport MS**, “State of CIN following IV media.” Multi-institutional cancer center symposium on contrast-induced AKI and prophylaxis strategies, MD Anderson Cancer Center webcast, 10/28/2016
90. **Davenport MS**, “Quality and Safety Research”, RSNA annual meeting, 11/30/2016
91. **Davenport MS**, “Which [gadolinium-based] contrast agent should I choose?”, RSNA annual meeting, 11/29/2016
92. **Davenport MS**, “Controversies in contrast media: getting your questions answered (corticosteroid premedication)”, RSNA annual meeting, 11/28/2016.
93. **Davenport MS**, “Prostate MRI: Ensuring Quality Care”, Michigan Urological Society Improvement Collaborative (MUSIC), statewide meeting, 2/3/2017
94. **Davenport MS**, “Genitourinary imaging core exam review”, Medical College of Wisconsin, 2/15/2017
95. **Davenport MS**, Corticosteroid prophylaxis: safety, efficacy, failure”, Medical College of Wisconsin, 2/15/2017
96. **Davenport MS**, “Controversies in intravenous contrast media”, Milwaukee Roentgen Ray Society, 2/15/2017
97. **Davenport MS**, “Intravenous contrast media”, General Electric Headquarters, Pewaukee WI, 2/16/2017
98. **Davenport MS**, Rosenkrantz AB, Smith AD, “Research pearls: asking the right question, doing the project, and getting funded”, Society of Abdominal Radiology Annual Meeting, 3/28/2017
99. **Davenport MS**, Pahade J, Sekhar A. “SAM: Mastering the Hepatopancreaticobiliary Tumor Board”, Society of Abdominal Radiology Annual Meeting, 3/30/2017
100. **Davenport MS**, “To premedicate or not: evidence for and against”, Plenary Session, Society of Abdominal Radiology Annual Meeting, 3/31/2017

101. **Davenport MS**, “Steroid preps: helpful, harmful, or neither?”, Plenary Session, ARRS Annual Meeting, 5/4/2017
102. **Davenport MS**, “Controversies in contrast media: mysteries explained”, University of Mississippi Medical Center, Grand Rounds, 5/22/2017
103. **Davenport MS**, “The business case for minimizing injected contrast volume”, Plenary Session, International Society for Computed Tomography, 6/4/2017
104. **Davenport MS**, “Evidence base on use of epinephrine by radiologists”, Plenary Session, International Society for Computed Tomography, 6/4/2017
105. **Davenport MS**, “Debate on whether premedication of high-risk patients and ED patients will remain the standard of care”, Plenary Session, International Society for Computed Tomography, 6/4/2017
106. **Davenport MS**, “Contrast media: fundamental principles, safety profiles, and dosing decisions”, Plenary Session, International Society for Computed Tomography, 6/5/2017
107. **Davenport MS**, “Contrast media: specialty situations”, Plenary Session, International Society for Computed Tomography, 6/5/2017
108. **Davenport MS**, “‘Readout with the professor’: Genitourinary cases”, Plenary Session, International Society for Computed Tomography, 6/5/2017
109. **Davenport MS**, “Prostate MRI: Normal findings, PI-RADS v2, and common pitfalls”, MidMichigan Health Visiting Professor, 7/28/2017
110. **Davenport MS**, “Prostate MRI: Ensuring quality care”, MidMichigan Health Visiting Professor, 7/28/2017
111. **Davenport MS**, “ACR and ASNR statement on gadolinium retention”, United States Food and Drug Administration, MIDAC meeting, open public hearing, 9/8/2017
112. **Davenport MS**, “Steroid preps: new data motivating new policy”, Society of Computed Body Tomography and Magnetic Resonance, Plenary session, 9/9/2017
113. **Davenport MS**, “The diagnostic process: more than just interpretation of images”, Society of Computed Body Tomography and Magnetic Resonance, Plenary session, 9/11/2017
114. **Davenport MS**, “New ACR rules for eGFR monitoring before contrast-enhanced MR”, Society of Computed Body Tomography and Magnetic Resonance, Plenary session, 9/12/2017
115. **Davenport MS**. Selected Radiology Podcast (radiology.rsna.org) re: “Intravenous corticosteroid premedication administered 5 hours before CT compared with a traditional 13-hour oral regimen. Podcast published on radiology.rsna.org (2017).
116. **Davenport MS**, Lane B, George A, Montie J. “Prostate MRI: ensuring quality care

throughout the state of Michigan—collaboration between urologists and radiologists”. Michigan Radiological Society, UpNorth Meeting, 10/14/2017.

117. **Davenport MS**, “The diagnostic process: more than just interpreting images”, Quality Improvement Symposium, Radiological Society of North America (RSNA), Annual Meeting, 11/28/2017.
118. **Davenport MS**, “BOOST: Prostate MRI case-based review”, Radiological Society of North America (RSNA), Annual Meeting, 11/28/2017.
119. **Davenport MS**, “Controversies in intravenous contrast media 2017 [steroid preps: helpful or harmful?]”, Radiological Society of North America (RSNA), Annual Meeting, 11/28/2017.
120. **Davenport MS**, “Quality and safety research”, Radiological Society of North America (RSNA), Annual Meeting, 11/29/2017.
121. **Davenport MS**, “Value-driven disease-specific reporting (liver/kidney)”, Radiological Society of North America (RSNA), Annual Meeting, 11/29/2017.
122. **Davenport MS**, “Contrast myths and science”, Charles T Munger Distinguished Lecture, Good Samaritan Hospital, Los Angeles CA, 1/3/2018
123. **Davenport MS**, “Contrast media controversies”, Visiting Professor, University of Southern California, Los Angeles CA, 1/4/2018
124. **Davenport MS**, “Establishing an Institutional Quality Collaborative”, Stanford Radiology Improvement Summit, Stanford, 2/9/2018
125. **Davenport MS**, “Best in Journals; Renal Cancer [Radiology]”, GU ASCO, 2/10/2018
126. **Davenport MS**, Weinreb JC. Clinical manifestations of gadolinium retention: knowledge gaps and future directions. RSNA/ACR/NIH gadolinium deposition symposium. National Institutes of Health, 2/15/2018-2/16-2018
127. **Davenport MS**, Pahade J, Sekhar A. “SAM: Mastering the Hepatopancreaticobiliary Tumor Board”, Society of Abdominal Radiology Annual Meeting, 3/6/2018
128. **Davenport MS**, Platt JF. “Anatomy of a ‘miss’: tough cases from QA”, Society of Abdominal Radiology Annual Meeting, 3/6/2018
129. **Davenport MS**. “Communication in Radiology”, Cincinnati Children’s Hospital Medical Center, Cincinnati OH, 3/23/2018
130. **Davenport MS**. “Contrast Media Controversies”, Cincinnati Children’s Hospital Medical Center, Cincinnati OH, 3/23/2018

131. **Davenport MS.** “Communication in Radiology”, Moffitt Cancer Center, Tampa Bay FL, 3/29/2018
132. **Davenport MS.** “Contrast Media Controversies”, Moffitt Cancer Center, Tampa Bay FL, 3/29/2018
133. **Davenport MS.** “Communication in Radiology”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
134. **Davenport MS.** “Renal Mass MRI Technique & Reporting”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
135. **Davenport MS.** “Genitourinary Imaging Board Review: Cases”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
136. **Davenport MS.** “Contrast Media Board Review: Multiple-Choice Questions”, St. Mary’s Medical Center, Grand Rapids MI, 4/3/2018
137. **Davenport MS.** “Contrast Media Controversies and Contrast Media Policies Q&A”, Hudson Valley Radiology Associates, New York, NY (by webex), 4/12/2018
138. **Davenport MS.** “Developing High Impact Research Ideas”, American Roentgen Ray Society (ARRS) Annual Meeting, Washington DC, 4/23/2018
139. **Davenport MS.** “Radiologists: Do We Over- or Under-Communicate?”, American Roentgen Ray Society (ARRS) Annual Meeting, Washington DC, 4/23/2018
140. **Davenport MS.** “Post-Contrast Acute Kidney Injury” Society of Pediatric Radiology (SPR) Annual Meeting, Nashville TN, 5/15/2018
141. **Davenport MS.** “Approach to imaging patients with renal impairment or atopic risk factors”, Society of Pediatric Radiology (SPR) Annual Meeting, Nashville TN, 5/17/2018
142. **Davenport MS.** “Do radiologists over- or under-communicate?”, Visiting Professor, University of Nebraska, Omaha NE, 8/20/2018
143. **Davenport MS.** “CT-based body composition assessment”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018
144. **Davenport MS.** “Management guidelines for imaging renal masses”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018
145. **Davenport MS.** “Why standardize reporting and how to do it”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018

146. **Davenport MS**, “Reporting living liver-kidney donor CT”, International Society for Computed Tomography (ISCT), San Diego CA, 9/14/2018
147. **Davenport MS**, “To screen or not to screen for azotemia”, International Society for Computed Tomography (ISCT), San Diego CA, 9/15/2018
148. **Davenport MS**, “How many phases are necessary and when?”, International Society for Computed Tomography (ISCT), San Diego CA, 9/15/2018
149. **Davenport MS**, “Cases to blow your mind: unilateral renal artery embolization for papillary necrosis and acute blood loss anemia”, International Society for Computed Tomography (ISCT), San Diego CA, 9/15/2018
150. **Davenport MS**, “Treatment of acute contrast reactions”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/25/2018
151. **Davenport MS**, “Mastering the liver tumor board”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/27/2018
152. **Davenport MS**, “Subtyping renal masses”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/27/2018
153. **Davenport MS**, “Mentoring”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/27/2018
154. **Davenport MS**, “The diagnostic process: more than just interpreting images”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/28/2018
155. **Davenport MS**, “Contrast media controversies”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/28/2018
156. **Davenport MS**, “Quality and safety in an academic medical center”, Royal College of Surgeons of Ireland, Dublin Ireland, 9/28/2018
157. **Davenport MS**, Platt JF. “Radiologist quality assurance: from missed cases to big data”, Society of Computed Body Tomography and Magnetic Resonance (SCBT-MR), Annual Meeting, 10/9/2018
158. **Davenport MS**. “Reliability: improvement through data”. American College of Radiology Quality and Safety Annual Meeting, 10/27/2018
159. **Davenport MS**. “Creating an institutional quality collaborative”. Learning Community for Improvement in Radiology (LCIR) webinar, 11/14/2018
160. **Davenport MS**. “Genitourinary”, Image Interpretation Session, Unknown Film Panel, Radiological Society of North America (RSNA) Annual Meeting, 11/25/2018

161. **Davenport MS.** “Novel template-based reporting of renal masses using data from a national sample”. Refresher Course, Radiological Society of North America (RSNA) Annual Meeting, 11/25/2018
162. **Davenport MS.** “Why in healthcare do we ignore quality?”. Refresher Course, Radiological Society of North America (RSNA) Annual Meeting, 11/27/2018
163. **Davenport MS.** “Does CIN exist? If not, why are we trying so hard to prevent it?”. Refresher Course, Radiological Society of North America (RSNA) Annual Meeting, 11/27/2018
164. **Davenport MS.** “Quality and safety research”, ITAR, Radiological Society of North America (RSNA) Annual Meeting, 11/28/2018
165. **Davenport MS.** “QI as a mechanism for leadership development”, Stanford Radiology Improvement Summit, Stanford, 2/9/2019
166. **Davenport MS.** “Contrast media controversies”, Texas Children’s Hospital, Houston TX, 2/26/2019
167. **Davenport MS.** “Contrast media controversies”, Houston Radiological Society, Houston TX, 2/26/2019
168. **Davenport MS.** “Quality in radiology: why it is ignored and how we can improve”, Texas Children’s Hospital, Houston TX, 2/27/2019
169. **Davenport MS.** “Quality in radiology: why it is ignored and how we can improve”, St Mary’s, Grand Rapids MI, 3/5/2019
170. **Davenport MS.** “GU board review”, St Mary’s, Grand Rapids MI, 3/5/2019
171. **Davenport MS.** “Quality in radiology: why it is ignored and how we can improve”, University of Wisconsin, Madison WI, 3/14/2019
172. **Davenport MS.** “Genitourinary imaging: core exam review”, University of Wisconsin, Madison WI, 3/14/2019
173. **Davenport MS.** “Emerging national guidelines for reporting and managing the indeterminate renal mass”, Society of Abdominal Radiology Annual Meeting, 3/20/2019
174. **Davenport MS.** “Bosniak classification: brief review, challenges, and update”, Society of Abdominal Radiology Annual Meeting, 3/20/2019
175. **Davenport MS.** “Quality in radiology: why is it ignored and how we can improve”, University of Texas Southwestern, Dallas TX, 3/28/2019

176. **Davenport MS.** “Contrast media controversies”, University of Texas Southwestern, Dallas TX, 3/29/2019
177. **Davenport MS.** “Genitourinary imaging: core exam review”, University of Texas Southwestern, Dallas TX, 3/29/2019
178. **Davenport MS.** “Contrast-induced acute kidney injury”, Canadian Association of Radiologists, Montreal, Quebec, 4/14/2019
179. **Davenport MS.** “Contrast media matters”, RWJ Barnabas Health, Newark NJ, 4/17/2019
180. **Davenport MS.** “Developing high-impact research ideas”, ARRS Annual Meeting, Honolulu HI, 5/6/2019
181. **Davenport MS.** “Keynote lecture: Revising the Bosniak classification system”, ARRS Annual Meeting, Honolulu HI, 5/6/2019
182. **Davenport MS.** “CT and MR contrast media”, ARRS Annual Meeting, Honolulu HI, 5/6/2019
183. **Davenport MS.** “Quality in healthcare (and radiology): why it is ignored and how we can improve”, St. Jude, Memphis TN, 5/22/2019
184. **Davenport MS.** “Contrast media controversies”, St. Jude, Memphis TN, 5/22/2019
185. **Davenport MS.** “Quality in healthcare (and radiology): why it is ignored and how we can improve”, Keynote Address, Dr. Cheenum Lum Annual Radiology Research Symposium, University of Ottawa, Ottawa Canada, 6/20/2019
186. **Davenport MS.** “Communication in radiology: too much or too little?”, MD Anderson Cancer Center, Houston TX, 5/26/2019
187. **Davenport MS,** “Communicating radiology results”, International Society of CT, Annual Meeting 9/20/2019
188. **Davenport MS,** “Abdominal CT update: 2019”, International Society of CT, Annual Meeting 9/20/2019
189. **Davenport MS,** “Quality in radiology: why is it ignored and how can we improve?”, International Society of CT, Annual Meeting 9/20/2019
190. **Davenport MS,** “Cases to ‘blow your mind’: errors on intraprocedural CT”, International Society of CT, Annual Meeting 9/20/2019
191. **Davenport MS,** “Standardized recommendations for population health”, American College

of Radiology Quality and Safety Meeting, Annual Meeting 10/12/2019

192. **Davenport MS**, “Patient-centered innovations”, Society of Advanced Body Imaging, Annual Meeting 10/19/2019
193. **Davenport MS**, “Quality in radiology: debate”, Society of Advanced Body Imaging, Annual Meeting 10/23/2019
194. **Davenport MS**. “Contrast media controversies”, Boston Children’s Hospital, Boston MA, 11/13/2019
195. **Davenport MS**. “Communication in radiology: too much or too little?”, Boston Children’s Hospital, Boston MA, 11/13/2019
196. **Davenport MS**. “Balancing workload, academic productivity, and emotional wellness”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/3/2019
197. **Davenport MS**. “Making major career decisions”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/3/2019
198. **Davenport MS**. “Quality and safety research”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/4/2019
199. **Davenport MS**. “Bosniak classification: brief review, challenges, and proposed updates (v.2019)”, Radiological Society of North America (RSNA) Annual Meeting, Chicago IL, 12/5/2019
200. **Davenport MS**. “Implementing a high reliability organization”, Stanford Improvement Summit, Stanford University, Palo Alto CA 2/7/2020
201. **Davenport MS**, Wang CL. “ACR and NKF consensus statements on IV contrast media”, Society of Abdominal Radiology, Maui HI, 3/3/2020
202. **Davenport MS**. “Bosniak classification v.2019: rationale”, Society of Abdominal Radiology, Maui HI, 3/4/2020
203. **Davenport MS**. “Gold medal presentation: James H Ellis MD”, Society of Abdominal Radiology, Maui HI, 3/4/2020
204. **Davenport MS**, Platt JF. “Missed cases and big data: a peer learning adventure”, Society of Abdominal Radiology, Maui HI, 3/5/2020
205. **Davenport MS**. “Productivity, meet burnout”, Society of Abdominal Radiology, Maui HI, 3/6/2020
206. **Davenport MS**. “Renal cell carcinoma disease-focused panel: 2020 update”, Society of

Abdominal Radiology, Maui HI, 3/6/2020

207. **Davenport MS.** “Prostate MRI”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/10/2020
208. **Davenport MS.** “Quality in healthcare and radiology”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/10/2020
209. **Davenport MS.** “Liver tumor board”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/11/2020
210. **Davenport MS.** “Contrast media controversies”, Radiology at the Seashore, Michigan Radiology CME, Captiva Island FL, 3/11/2020
211. **Davenport MS.** “Contrast media controversies”, Michigan State University, 4/7/2020
212. **Davenport MS.** “Genitourinary board review”, Michigan State University, 4/7/2020
213. **Davenport MS.** “Contrast media administration in patients with kidney disease: ACR and NKF consensus statements”, National Institutes of Health, 6/5/2020
214. **Davenport MS.** “Contrast media administration in patients with kidney disease: ACR and NKF consensus statements”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
215. **Davenport MS.** “Bosniak v.2019”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
216. **Davenport MS.** “Making major career decisions”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
217. **Davenport MS.** “Genitourinary imaging case review”, St. Mary’s Medical Center, Grand Rapids MI, 6/5/2020
218. **Davenport MS,** “Balancing workload, academic productivity, and emotional wellness”, Cincinnati Children’s Hospital, Cincinnati OH, 9/30/2020
219. **Davenport MS,** “Complex cystic renal masses: Bosniak v.2019”, British Association of Urologic Surgeons (BAUS), 10/20/2020
220. **Davenport MS,** “Patient-centered innovations”, American College of Radiology Quality and Safety Meeting, Annual Meeting, 10/22/2020
221. **Davenport MS,** Zafar H. “Communication strategies for leaders (1.5-hour mixed didactic and group activity)”, American College of Radiology Quality and Safety Meeting, Annual Meeting, 10/23/2020
222. **Davenport MS.** “Gadolinium-based contrast media: what are the risks?”, Radiological

Society of North America, Annual Meeting, 11/29/2020

223. **Davenport MS**. “Bosniak classification of cystic renal masses: brief review, historical challenges, and v.2019”, Radiological Society of North America, Annual Meeting, 11/29/2020
224. **Davenport MS**. “Intravenous contrast media: ACR and NKF consensus statements, Ascension Providence MI, 12/10/2020
225. **Davenport MS**, Srinivasan A. “Differences in outcomes associated with individual radiologists for emergency department patients with headache imaged with CT: a retrospective cohort study of 25,596 patients” AJR Live, American Roentgen Ray Society, 1/6/2021 (one neuroradiology article selected for presentation from the year 2020)
226. **Davenport MS**. “Genitourinary Board Review, 1.5 hours, Contrast Media” St. Joseph Mercy Hospital, Oakland, Michigan, 1/8/2021
227. **Davenport MS**. “Genitourinary Board Review, 1.5 hours, Kidneys” St. Joseph Mercy Hospital, Oakland, Michigan, 1/8/2021
228. **Davenport MS**. “Intravenous contrast media: ACR and NKF consensus statements”, Mayo Clinic Scottsdale, 1/13/2021
229. **Davenport MS**. “Board Review: Adrenal Glands”, Mayo Clinic Scottsdale, 1/14/2021
230. **Davenport MS**. “Intravenous contrast media: ACR and NKF consensus statements”, Michigan State University, 1/19/2021
231. **Davenport MS**. “Board Review: Contrast Media”, Michigan State University, 1/19/2021
232. **Davenport MS**. “Board Review: Kidneys”, Michigan State University, 1/19/2021
233. Choueiri T, Uzzo R, McKay RR, Wood L, **Davenport MS**, Bex A. Challenging renal cell carcinoma cases in a rapidly changing landscape. GU ASCO 2021
234. Hu, EM, **Davenport MS**. “ACR-NKF consensus statements on imaging patients with kidney disease”. Intermountain Healthcare, 2/11/2021
235. **Davenport MS**. “COVID-19 and radiology care in the United States.” American College of Radiology, 2/19/2021
236. **Davenport MS**, Silverman SG. “How to master Bosniak v.2019 (for cystic renal masses). Society of Abdominal Radiology, 3/2021
237. **Davenport MS**. “QC of outside images prior to re-interpretation (upstream AI)”. Society of Abdominal Radiology, 3/22/2021

Visiting Professorships to External Hospital Systems

1. MD Anderson Cancer Center, 12/2012
2. Yale University, 2/2015
3. Michigan State University, Atis K. Freimanis Visiting Professor, 4/2015
4. Rutgers Medical Center, 10/2015
5. St. Mary's Medical Center, Grand Rapids MI, 11/2015
6. Brigham and Women's Hospital, 1/2016
7. Massachusetts General Hospital, 1/2016
8. Beth Israel Deaconess Hospital, 1/2016
9. New York University Langone Medical Center, 2/2016
10. Medical University of South Carolina, 4/2016
11. University of California San Francisco, Earl Miller Visiting Professor, 4/2016
12. Munson Medical Center, Traverse City MI, 6/2016
13. St. Mary's Medical Center, Grand Rapids MI, 7/2016
14. Regional Medical Imaging, Flint MI, 7/2016
15. Mallinckrodt Institute of Radiology, 7/2016
16. Medical College of Wisconsin, 2/2017
17. St. Mary's Medical Center, Grand Rapids MI, 4/2017
18. University of Mississippi Medical Center, Jackson MS, 5/2017
19. MidMichigan Health, Midland MI, 7/2017
20. Good Samaritan Hospital, Los Angeles CA, Inaugural Charles T Munger Distinguished Professor, 1/3/2018
21. University of Southern California, Los Angeles CA, 1/4/2017
22. Cincinnati Children's Hospital Medical Center, Cincinnati OH, 3/2018
23. Moffitt Cancer Center, Tampa Bay FL, 3/2018
24. St. Mary's Medical Center, Grand Rapids MI, 4/2018
25. Hudson Valley Radiology Associates, New York, NY (by webex), 4/2018
26. University of Nebraska, Omaha NE, 8/2018
27. Royal College of Surgeons of Ireland, Dublin Ireland, 9/2018
28. Texas Children's Hospital, Houston TX, 2/2019
29. Houston Radiological Society, Houston TX, 2/2019
30. St. Mary's Medical Center, Grand Rapids MI, 3/2019
31. University of Wisconsin, Madison WI, 3/2019
32. University of Texas Southwestern, Jack Reynolds Visiting Lecturer, Dallas TX, 3/2019
33. RWJ Barnabas Health, Newark NJ, 4/2019
34. St. Jude, Memphis TN, 5/2019
35. University of Ottawa, Ottawa Canada, 6/2019
36. MD Anderson Cancer Center, 8/2019
37. Boston Children's Hospital, 11/2019
38. Michigan State University, 4/7/2020
39. National Institutes of Health 6/5/2020
40. St. Mary's Medical Center, Grand Rapids MI 8/4/2020
41. Cincinnati Children's Hospital, Cincinnati OH 9/30/2020

42. Ascension Health, Novi MI 12/10/2020
43. St. Joseph Mercy Oakland Hospital, Oakland MI 1/8/2021
44. Mayo Clinic Scottsdale, Scottsdale AZ 1/13/2021
45. Michigan State University, Atis K. Freimanis Visiting Professor, 1/19/2021
46. Intermountain Health Care, 2/11/2021

Medical Student/Resident/Fellow/Faculty Teaching Conferences

1. **Davenport MS**, “Urethra”, University of Michigan Health System, Noon Conference, 10/2011, 11/2013
2. **Davenport MS**, “Prostate MRI: Basics”, University of Michigan Health System, Noon Conference 11/2011
3. **Davenport MS**, “Prostate MRI: Advanced”, University of Michigan Health System, Noon Conference 11/2011
4. **Davenport MS**, “Renal Mass MRI”, University of Michigan Health System, Noon Conference 3/2012
5. **Davenport MS**, GU Board Review #1, University of Michigan Health System 4/2012, 3/2013
6. **Davenport MS**, GU Board Review #2, University of Michigan Health System 4/2012, 3/2013
7. **Davenport MS**, GU Board Review #3, University of Michigan Health System, Noon Conference, Noon Conference 4/2012, 4/2013
8. **Davenport MS**, GU Board Review #4, University of Michigan Health System, Noon Conference 5/2012
9. **Davenport MS**, “Urinary Tract Imaging Basics”, University of Michigan Health System, M4 medical student lecture series, 2/2012, 5/2012, 8/2012.
10. **Davenport MS**, “Eovist: How a liver-specific contrast agent can limit interpretation of hepatobiliary pathology”, University of Michigan Health System, 11/2012, 12/2013
11. **Davenport MS**, “De novo primary prostate cancer detection with CT and MRI”, University of Michigan Health System, 12/2012
12. **Davenport MS**, “How to conduct resident research at the University of Michigan”, University of Michigan Health System, 1/2013
13. **Davenport MS**, Journal Club Faculty Lead, “Contrast-Induced Nephrotoxicity”, University of Michigan Health System Department of Radiology, 5/2013

14. **Davenport MS**, “MRI of Hepatocellular Carcinoma. Or, interpreting cirrhotic ‘nodules’.”, University of Michigan Health System Department of Radiology, 5/2013
15. **Davenport MS**. “Basics of computed tomography”, University of Michigan Health System, Department of Radiology 8/2013
16. **Davenport MS**, “Core Examination Review: Contrast Media”, University of Michigan Health System, Department of Radiology 9/2013, 4/2014
17. **Davenport MS**, “Core Examination Review: Kidneys (native and transplant)”, University of Michigan Health System, Department of Radiology 9/2013, 4/2014
18. **Davenport MS**, “Core Examination Review: Adrenal glands”, University of Michigan Health System, Department of Radiology 4/2014
19. **Davenport MS**, “Core Examination Review: Upper tracts, bladder, prostate, and male GU”, University of Michigan Health System, Department of Radiology 4/2013
- 20.
21. **Davenport MS**, “Core Examination Review: Female GU I and II”, University of Michigan Health System, Department of Radiology 5/2014
22. **Davenport MS**, “Core Examination Review: Retroperitoneum and Miscellaneous GU”, University of Michigan Health System, Department of Radiology 5/2014
23. **Davenport MS**, “Conducting QI Research”, University of Michigan Health System, Department of Radiology 7/2014
24. **Davenport MS**, “MRI of cystic and solid renal masses”, University of Michigan Health System, Department of Radiology 9/3/14
25. **Davenport MS**, Caoili EM, “Cross-sectional interventional procedures”, University of Michigan Health System, Department of Radiology 9/4/2014
26. **Davenport MS**, “Radiologist Communication and QA”, University of Michigan Health System, Department of Radiology 9/15/2014
27. **Davenport MS**, “GU Board review part 1”, University of Michigan Health System, Department of Radiology 3/16/2015
28. **Davenport MS**, “GU Board review part 2”, University of Michigan Health System, Department of Radiology 4/9/2015
29. **Davenport MS**, “GU Board review part 3”, University of Michigan Health System, Department of Radiology 4/16/2015

30. **Davenport MS**, “Journal club: Pro-inflammatory effect of thermal ablation”, Department of Radiology 4/22/2015
31. **Davenport MS**, “GU Board review part 4”, University of Michigan Health System, Department of Radiology 5/7/2015
32. **Davenport MS**, “Quality Improvement”, Fellows Conference, University of Michigan Health System, 5/14/2015
33. **Davenport MS**, “GU Board review part 5”, University of Michigan Health System, Department of Radiology 5/19/2015
34. **Davenport MS**, “GU Board review part 6”, University of Michigan Health System, Department of Radiology 5/20/2015
35. **Davenport MS**, “Renal mass biopsy”, Fellows Conference, University of Michigan Health System, 5/21/2015
36. **Patel N, Davenport MS**, “CORE lecture: GI trauma”, Medical Student Conference, University of Michigan Health System, 7/9/2015.
37. **Davenport MS**, “Prostate MRI”, Resident conference, University of Michigan Health System, 9/2015
38. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, 12/7/2015
39. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, 1/6/2016
40. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, 4/11/2016
41. **Davenport MS**, “Core Exam Review Part 1 of 8”, University of Michigan Health System, Department of Radiology 4/11/2016
42. **Davenport MS**, “Core Exam Review Part 1 of 8”, University of Michigan Health System, Department of Radiology 4/19/2016
43. **Davenport MS**, “Core Exam Review Part 2 of 8”, University of Michigan Health System, Department of Radiology 5/2/2016
44. **Davenport MS**, “Core Exam Review Part 3 of 8”, University of Michigan Health System, Department of Radiology 5/2/2016

45. **Davenport MS**, “Core Exam Review Part 4 of 8”, University of Michigan Health System, Department of Radiology 5/10/2016
46. **Davenport MS**, “Core Exam Review Part 5 of 8”, University of Michigan Health System, Department of Radiology 5/10/2016
47. **Davenport MS**, “Core Exam Review Part 6 of 8”, University of Michigan Health System, Department of Radiology 5/16/2016
48. **Davenport MS**, “Core Exam Review Part 7 of 8”, University of Michigan Health System, Department of Radiology 5/16/2016
49. **Davenport MS**, “Core Exam Review Part 8 of 8”, University of Michigan Health System, Department of Radiology 5/18/2016
50. **Davenport MS**, “HCC: Diagnosis and scoring systems”, University of Michigan Health System, Vascular Interventional Radiology Division, Department of Radiology, 6/3/2016
51. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, Vascular Interventional Radiology Division, Department of Radiology, 8/3/2016
52. **Davenport MS**, “Contrast Media: The interesting stuff”, University of Michigan Health System, Contrast Media Course 2016, Department of Radiology, 8/22/2016
53. **Davenport MS**, Cohan RH, Masch BR, Ellis JH. “Contrast Media Q&A: interactive”, University of Michigan Health System, Contrast Media Course 2016, Department of Radiology, 8/24/2016
54. **Davenport MS**. “MRI Protocols”, University of Michigan Health System, Department of Radiology, 9/9/2016
55. **Davenport MS**, Higgins E, Caoili EM. “Introduction to Procedure Call”, University of Michigan Health System, Department of Radiology, 9/16/2016
56. **Davenport MS**, “HCC: Diagnosis and scoring systems”, University of Michigan Health System, Department of Radiology, 10/10/2016
57. **Davenport MS**, “GU Cases”, University of Michigan Health System, Department of Radiology, 11/11/2016
58. **Davenport MS**, Journal Club, Faculty Presenter, University of Michigan Health System, Department of Radiology, 1/19/2017
59. **Davenport MS**, “GU Cases”, University of Michigan Health System, Department of Radiology, 1/23/2017

60. **Davenport MS**, “How to succeed in academic radiology”, University of Michigan Health System, Fellows Conference, Department of Radiology, 3/10/2017
61. **Davenport MS**, “Core Exam Review Part 1 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
62. **Davenport MS**, “Core Exam Review Part 2 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
63. **Davenport MS**, “Core Exam Review Part 3 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
64. **Davenport MS**, “Core Exam Review Part 4 of 9”, University of Michigan Health System, Department of Radiology 4/3/2017
65. **Davenport MS**, “Core Exam Review Part 5 of 9”, University of Michigan Health System, Department of Radiology 4/18/2017
66. **Davenport MS**, “Core Exam Review Part 6 of 9”, University of Michigan Health System, Department of Radiology 4/18/2017
67. **Davenport MS**, “Core Exam Review Part 7 of 9”, University of Michigan Health System, Department of Radiology 5/2/2017
68. **Davenport MS**, “Core Exam Review Part 8 of 9”, University of Michigan Health System, Department of Radiology 5/2/2017
69. **Davenport MS**, “Journal Club: Renal Masses”, University of Michigan Health System, Department of Radiology 5/3/2017
70. **Davenport MS**, “Core Exam Review Part 9 of 9”, University of Michigan Health System, Department of Radiology 5/16/2017
71. **Davenport MS**, Caoili EM. “Tips and tricks for fellows: procedure call”, University of Michigan Health System, Department of Radiology 9/1/2017
72. **Davenport MS**, “Renal mass MRI interpretation and reporting”, University of Michigan Department of Urology, 1/23/2018
73. **Davenport MS**, “Prostate MRI basics”, University of Michigan Department of Urology, 1/23/2018
74. **Davenport MS**, “Renal masses: best articles of 2017”, University of Michigan, Department of Radiology, 1/29/2018
75. **Davenport MS**, “Renal mass MRI”, University of Michigan, Department of Radiology,

1/29/2018

76. **Davenport MS**, “Root cause analysis: interactive role-play—the difficult preliminary report”, University of Michigan, Department of Radiology, 2/6/2018

77. Miller DC, **Davenport MS**, Brown RJ, “Strategic planning: interactive role-play—long-distance radiology in an academic environment”, University of Michigan, Department of Radiology, 2/8/2018

78. **Davenport MS**, “Core Exam Review Part 1”, Michigan Medicine, Department of Radiology 4/2/2018

79. **Davenport MS**, “Core Exam Review Part 2”, Michigan Medicine, Department of Radiology 4/2/2018

80. **Davenport MS**, “Core Exam Review Part 3”, Michigan Medicine, Department of Radiology 4/5/2018

81. **Davenport MS**, “Core Exam Review Part 4”, Michigan Medicine, Department of Radiology 4/5/2018

82. **Davenport MS**, “Core Exam Review Part 5”, Michigan Medicine, Department of Radiology 4/6/2018

83. **Davenport MS**, “HCC Diagnosis and Treatment Response”, Interventional Radiology, University of Michigan Health System, Department of Radiology, 5/31/2018

84. **Davenport MS**, “GU Core Exam Review: Part 1”, University of Michigan Health System, Department of Radiology, 4/24/2019

85. **Davenport MS**, “GU Core Exam Review: Part 2”, University of Michigan Health System, Department of Radiology, 4/25/2019

86. **Davenport MS**, “GU Core Exam Review: Part 3”, University of Michigan Health System, Department of Radiology, 4/25/2019

87. **Davenport MS**, “Journal Club (presenter), Article: Effect of a professional coaching intervention on the well-being and distress of physicians: a pilot randomized controlled trial”, University of Michigan Health System, Department of Radiology, 8/8/2019

88. **Davenport MS**, “Liver donor CT”, CT Conference, Michigan Medicine, Department of Radiology 8/30/2019

89. **Davenport MS**, “Liver donor CT”, CT Conference, Michigan Medicine, Department of Radiology 8/30/2019

90. **Davenport MS**, “CT Morphomics”, CT Conference, Michigan Medicine, Department of Radiology 8/30/2019
91. **Davenport MS**, “FY2019 Year in Review: High-Impact CT Manuscripts”, Noon conference, Michigan Medicine, Department of Radiology 9/16/2019
92. **Davenport MS**, “Contrast-enhanced ultrasound for kidney masses: systematic review and meta-analysis” (doi: 10.1016/j.euo.2019.08.013), Michigan Medicine, Department of Radiology 12/11/2019
93. **Davenport MS**, “Patient-centered innovations”, Michigan Medicine, Department of Radiology, 1/27/2020
94. **Davenport MS**, “Standardizing recommendations”, Michigan Medicine, Department of Radiology, 1/27/2020
95. **Davenport MS**, “GU: board review”, Michigan Medicine, Department of Radiology, 1/27/2020
96. **Davenport MS**, “ACR-NKF consensus statements on imaging patients with kidney disease”, Fellows Conference, Michigan Medicine, Department of Radiology, 5/7/2020
97. **Davenport MS**, “Contrast media: the interesting stuff”, Michigan Medicine, Department of Radiology, 8/24/2020
98. **Davenport MS**, “Genitourinary imaging: case review”, Michigan Medicine, Department of Radiology, 8/28/2020
99. **Davenport MS**, “Diagnostic process”, Fellows, Michigan Medicine, Department of Radiology, 1/15/2021

Matthew S Davenport MD (FACR application, 2021)
Publication record

Bibliography

Peer-Reviewed Publications

1. Higham TE, **Davenport MS**, Jayne BC. Maneuvering in an arboreal habitat: The effects of turn angle on the locomotion of three sympatric ecomorphs of *Anolis* lizards. *J Exp Biol* 2001; 204(23):4141-4155.
2. **Davenport MS**, Caoili EM, Cohan RH, Ellis JH, Higgins EJ, Willatt J, Fox GA. MRI and CT characteristics of successfully ablated renal masses: imaging surveillance after radiofrequency ablation. *Am J Roentgenol* 2009; 192:1571-1578.
3. **Davenport MS**, Brown RKJ, Frey KA. Utility of delayed whole body bone scintigraphy following directed 3-phase examinations. *Am J Roentgenol* 2009; 193:338-342.
4. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Repeat contrast reactions in premedicated patients: frequency and severity. *Radiology* 2009; 253:372-379.
5. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Hyperglycemic consequences of corticosteroid premedication in an outpatient population. *Am J Roentgenol* 2010; 194:W483-W488.
6. **Davenport MS**, Caoili EM, Cohan RH, Hoff CN, Ellis JH. Pancreatic manifestations of von Hippel-Lindau disease: effect of imaging on clinical management. *J Comp Assist Tomog* 2010; 34:517-522.
7. **Davenport MS**, Ellis JH, Khalatbari SH, Myles JD, Klein KA. Effect of work hours, caseload, shift type and experience on resident call performance. *Acad Radiol* 2010; 17:921-927.
8. O'Malley R, Cohan RH, Caoili EM, **Davenport MS**, Dillman JR, Ellis JH. Use of premedication prior to intravenous administration of iodinated and gadolinium based contrast material: A survey of SUR members. *J Amer Coll Radiol* 2011; 8:345-354.
9. **Davenport MS**, Cohan RH, Caoili EM, Ellis JH. Hyperglycemia in hospitalized patients receiving corticosteroid premedication. *Acad Radiol* 2011; 18:384-390.
10. **Davenport MS**, Neville AM, Ellis JH, Cohan RH, Chaudhry H, Leder RA. Hounsfield unit thresholds for the diagnosis of renal angiomyolipoma: effect of ROI size and nephrographic phase imaging. *Radiology* 2011; 260:158-165.

11. Feuerlein S, Grimm LJ, **Davenport MS**, Haystead CM, Miller CM, Neville AM, Jaffe TA. Can the localization of primary colonic tumors be improved by staging CT without specific bowel preparation compared to optical colonoscopy? *Eur J Radiol* 2012; 81:2538-2542.
12. Chaudhry H, **Davenport MS**, Nieman CM, Ho LM, Neville AM. Histogram analysis of solid renal masses revisited: differentiating lipid poor renal angiomyolipoma from renal cell carcinoma. *Am J Roentgenol* 2012; 198:377-383.
13. **Davenport MS**, Gardner CS, Jaffe TA. Mandated radiologist-performed electronic order entry: effect on CT oral contrast administration. *Am J Roentgenol* 2012; 198:616-620.
14. **Davenport MS**, Wang CL, Bashir MR, Neville AM, Paulson EK. Rate of contrast material extravasations and allergic-like reactions: effect of extrinsic warming of low osmolality iodinated CT contrast material to 37° Celsius. *Radiology* 2012; 262:475-484.
15. Bashir MR, Gupta RT, **Davenport MS**, Allen BC, Jaffe TA, Ho LM, Boll DT, Merkle EM. Hepatocellular carcinoma in a North American population: does hepatobiliary MR imaging with Gd-EOB-DTPA improve sensitivity and confidence for diagnosis? *J Magn Reson Imaging* 2013; 37:398-406.
16. **Davenport MS**, Heye T, Dale BM, Horvath JJ, Breault SR, Feuerlein S, Bashir MR, Boll DT, Merkle EM. Inter- and intra-rater reproducibility of quantitative dynamic contrast enhanced MRI using TWIST perfusion data in a uterine fibroid model. *J Magn Reson Imaging* 2012; doi: 10.1002/jmri.23974. [Epub ahead of print]
17. **Davenport MS**, Viglianti BL, Al-Hawary MM, Caoili EM, Kaza RK, Liu P, Maturen KE, Chenevert TL, Hussain HK. A comparison of acute transient dyspnea following the intravenous administration of gadoxetate disodium and gadobenate dimeglumine: effect on arterial phase imaging quality. *Radiology* 2013; 266:452-461.
18. **Davenport MS**, Dillman JR, Cohan RH, Hussain HK, Khalatbari S, McHugh JB, Ellis JH. Effect of abrupt substitution of gadobenate dimeglumine for gadopentetate dimeglumine on rate of allergic-like reactions. *Radiology* 2013; 266:773-782.
19. Heye T, **Davenport MS**, Horvath J, Feuerlein S, Breault S, Bashir M, Merkle EM, Boll DT. Reproducibility of dynamic contrast-enhanced MR imaging part 1. Perfusion characteristics in the female pelvis by using multiple computer-aided diagnosis perfusion analysis solutions. *Radiology* 2013; 266:801-811.
20. Heye T, Merkle EM, Reiner CS, **Davenport MS**, Horvath J, Feuerlein S, Breault S, Gall P, Dale BM, Kiraly A, Boll DT. Reproducibility of dynamic contrast-enhanced MR imaging part 2. Comparison of intra- and interobserver variability with manual region of interest placement versus semiautomatic lesion segmentation and histogram analysis. *Radiology* 2013; 266:812-821.
21. **Davenport MS**, Khalatbari S, Dillman JR, Cohan RH, Caoili EM, Ellis JH. Contrast

material-induced nephrotoxicity and intravenous low-osmolality iodinated contrast material. *Radiology* 2013; 267:94-105.

22. **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH. Contrast medium-induced nephrotoxicity risk assessment in adult inpatients: a comparison of serum creatinine level- and estimated glomerular filtration rate-based screening methods. *Radiology* 2013; 269:92-100.
23. Somashaker DK (*mentored resident*), **Davenport MS**, Cohan RH, Dillman JR, Ellis JH. Effect of intravenous low-osmolality iodinated contrast media on patients with myasthenia gravis. *Radiology* 2013; Epub ahead of print; doi: 10.1148/radiol.12121508.
24. **Davenport MS**, Khalatbari S, Cohan RH, Dillman JR, Myles JD, Ellis JH. Contrast material-induced nephrotoxicity and intravenous low-osmolality iodinated contrast material: risk stratification by using estimated glomerular filtration rate. *Radiology* 2013; 268:719-728.
25. Meyer C, Ma B, Kunju L, **Davenport MS**, Piert M. Challenges in accurate registration of 3D medical imaging and histopathology in primary prostate cancer. *Eur J Nucl Med Mol Imaging* 2013; 40:72-78.
26. Patel J (*mentored resident*), **Davenport MS**, Cohan RH, Caoili EM. Can established CT attenuation and washout criteria for adrenal adenoma accurately exclude pheochromocytoma? *Am J Roentgenol* 2013; 201:122-127.
27. Egbert ND, Caoili EM, Cohan RH, **Davenport MS**, Francis IR, Kunju LP, Ellis JH. Differentiation of papillary RCC subtypes on CT and MRI. *AJR Am J Roentgenol* 2013; 201:347-355.
28. D'Souza SL, **Davenport MS**, Grace EH. Biliary stricture secondary to portal biliopathy. *Gastrointest Endosc* 2013; 78:942-944.
29. Ryan MD, Francis IR, Cohan RH, **Davenport MS**, Weizer A, Hafez K, Kunju LP. Imaging appearance of renal epithelioid angiomyolipomas. *J Comput Assist Tomog* 2013; 37:957-961.
30. Khan M, Caoili EM, **Davenport MS**, Poznanski A, Francis IR, Giordano T, Dunnick NR. CT imaging characteristics of oncocytic adrenal neoplasms (OANs): comparison with adrenal adenomas with adrenal cortical carcinomas. *Abdominal Radiology* 2014; 39:86-91.
31. Patel J (*mentored resident*), **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH, Platt JF. In-vivo predictors of renal cyst pseudoenhancement at 120 kVp. *Am J Roentgenol* 2014; 202:336-342.
32. **Davenport MS**, Khalatbari S, Liu PSC, Maturen KE, Kaza RK, Wasnik AP, Al-Hawary MM, Glazer DI, Stein E, Patel J, Somashekar DK, Viglianti BL, Weadock WJ, Hussain

- HK. Repeatability of diagnostic features and scoring systems for hepatocellular carcinoma by using MR imaging. *Radiology* 2014; 272:132-142.
33. Orton LP, Cohan RH, **Davenport MS**, Parker RA, Parameswaran A, Caoili EM, Kaza RK, Francis IR, Hafez K, Wolf J, Ellis JH. Variability in computed tomography diameter measurements of solid renal masses. *Abdom Imaging* 2014; Feb [epub ahead of print]
 34. Caoili EM, **Davenport MS**. Role of percutaneous needle biopsy for renal masses. *Semin Intervent Radiol* 2014; 31:20-26.
 35. **Davenport MS**, Cohan RH, Khalatbari S, Ellis JH. The challenges in assessing contrast-induced nephrotoxicity: where are we now? *AJR Am J Roentgenol* 2014; 202:784-789.
 36. **Davenport MS**, Caoili EM, Kaza RK, Hussain HK. Matched within-patient cohort study of transient arterial-phase respiratory motion related artifact in MR imaging of the liver: gadoxetate disodium vs. gadobenate dimeglumine. *Radiology* 2014; 272:123-131.
 37. Moore A (*mentored resident*), Dickerson E, Dillman JR, Vummidi D, Kershaw DB, Khalatbari S, **Davenport MS**. Non-confounded post-CT acute kidney injury is rare in hospitalized patients with stable renal function receiving IV iodinated contrast material. *Curr Prob Diag Radiol* 2014; 43:237-241.
 38. Bashir MR, Castelli P, **Davenport MS**, Larson D, Marin D, Hussain HK, Jaffe JA. Respiratory motion artifact affecting hepatic arterial phase imaging with gadoxetate disodium is more common in patients with a prior episode of arterial phase motion associated with gadoxetate disodium. *Radiology* 2015; 274:141-148.
 39. Wang CL, **Davenport MS**, Schopp JM, Kani K, Zaidi S, Chinnugounder S, Paladin AM, Lalwani N, Bhargava P, Bush WH. Errors of epinephrine administration during severe allergic-like contrast reactions: lessons learned from a bi-institutional study using high-fidelity simulation testing. *Abdom Imaging* 2014; 39:1127-1133.
 40. Dillman JR, Chen S, **Davenport MS**, Zhao H, Urban MW, Song P, Watcharaotone K, Carson PL. Superficial ultrasound shear wave speed measurements in soft and hard elasticity phantoms: repeatability and reproducibility using two ultrasound systems. *Pediatr Radiol* 2014; 45:376-385.
 41. Glazer DI (*mentored resident*), **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH, Caoili EM, Stein EB, Childress JC, Masch WR, Brown JM, Mollard BJ, Montgomery JS, Palapattu GS, Francis IR. Mass-like peripheral zone enhancement on CT is predictive of higher-grade (Gleason 4+3 and higher) prostate cancer. *Abdom Imaging* 2015; 40:560-570.
 42. **Davenport MS**, Bashir MR, Pietryga JA, Weber JT, Khalatbari S, Hussain HK. Dose-toxicity relationship of gadoxetate disodium and transient severe respiratory motion artifact. *AJR Am J Roentgenol* 2014; 203:796-802.

43. Glazer DI, Maturen KE, Cohan RH, **Davenport MS**, Ellis JH, Knoepp US, Weadock WJ, Platt JF. Assessment of 1 mSv urinary tract stone CT with model-based iterative reconstruction. *AJR Am J Roentgenol* 2014; 203:1230-1235.
44. Dickerson E (*mentored resident*), **Davenport MS**, Liu PSC. Spontaneous regression of primary renal cell carcinoma following image-guided percutaneous biopsy. *Clin Imaging* 2015; 39:520-524.
45. Feuerlein SF, **Davenport MS**, Merkle EM, Gupta RJ. Computed high b-value diffusion-weighted imaging improves lesion contrast and conspicuity in prostate cancer. *Prostate Cancer Prostatic Dis* 2015; 18:155-160.
46. **Davenport MS**, Cohan RH, Ellis JH. Contrast media controversies in 2015: imaging patients with renal impairment or risk of a contrast reaction. *AJR Am J Roentgenol* 2015; 204:1174-1181.
47. Flynt KA, Dillman JR, **Davenport MS**, Smith EA, Else T, Strouse PJ, Caoili EM. Pediatric adrenocortical neoplasms: can imaging reliably discriminate adenomas from carcinomas? *Pediatr Radiol* 2015; 45:1160-1168.
48. Dillman JR, Smith EA, **Davenport MS**, DiPietro MA, Sanchez R, Kraft KH, Brown RKJ, Rubin JM. Can shear wave elastography discriminate obstructive from non-obstructive hydronephrosis in children? *Radiology* 2015; 277:259-267.
49. **Davenport MS**, Khalatbari S, Michigan Radiology Quality Collaborative, Platt JF. Human- vs. system-level factors and their effect on electronic work list variation: challenging radiology's fundamental attribution error. *J Am Coll Radiol* 2015; 12:931-939.
50. Mervak BM (*mentored resident*), **Davenport MS**, Ellis JH, Cohan RH. Breakthrough reaction rates in high-risk inpatients premedicated before contrast-enhanced CT. *AJR Am J Roentgenol* 2015; 205:77-84.
51. Shampain KL (*mentored resident*), **Davenport MS**, Cohan RH, Ellis JH, Platt JF. Effect of model-based iterative reconstruction on CT number measurements within small (10-29 mm) low-attenuation renal masses. *AJR Am J Roentgenol* 2015; 205:85-89.
52. Dillman JR, Gadepalli S, Sroufe NS, **Davenport MS**, Smith EA, Chong ST, Mazza MB, Strouse PJ. Equivocal pediatric appendicitis: unenhanced MR imaging protocol for nonsedated children--a clinical effectiveness study. *Radiology* 2016; 279:216-225.
53. Leschied JR, Dillman JR, **Davenport MS**, Mazza MB, Chong ST, Smith EA, Hoff CN, Ladino-Torres MF, Khalatbari S, Ehrlich PF. Inter-radiologist agreement for CT scoring of pediatric splenic injuries and effect on an established clinical practice guideline. *Pediatric Radiology* 2016; 46:229-236.

54. **Davenport MS**, Mervak BM, Ellis JH, Dillman JR, Dunnick NR, Cohan RH. Indirect cost and harm attributable to oral 13-hour inpatient corticosteroid prophylaxis prior to contrast-enhanced CT. *Radiology* 2016; 279:492-501.
55. McDonald RJ, McDonald JS, Newhouse JH, **Davenport MS**. “Controversies in contrast medium-induced acute kidney injury: closing in on the truth?” *Radiology* 2015; 277:627-632.
56. Barkmeier D, Dillman JR, Al-Hawary M, Smith E, Heider A, **Davenport MS**, Adler J. MR enterography –histology comparison in resected pediatric small bowel Crohn’s disease strictures: can imaging predict fibrosis? *Pediatric Radiology* 2016; 46:498-507.
57. Dillman JR, Smith EA, Sanchez R, DiPietro MA, DeMatos-Maillard V, Adler J, Khalatbari S, **Davenport MS**. Prospective cohort study of ultrasound-ultrasound and ultrasound-MR agreement in the evaluation of pediatric small bowel Crohn’s disease. *Pediatric Radiology* 2016; 46:490-497.
58. Masch WR (*mentored resident*), Cohan RH, Ellis JH, Dillman JR, Rubin JM, **Davenport MS**. Clinical effectiveness of prospectively reported sonographic twinkling artifact for the diagnosis of renal calculus in subjects without known urolithiasis. *AJR Am J Roentgenol* 2016; 206:326-331.
59. **Davenport MS**, Brimm D, Rubin JM, Kazerooni EA. Patient preferences for chaperone utilization during transvaginal sonography. *Abdominal Radiology* 2016; 41:324-333.
60. Dillman JR, Carlos RC, Smith EA, **Davenport MS**, DeMatos V, Adler J. Health-related quality of life in pediatric small bowel Crohn’s disease. *Radiology* 2016; 280:568-575.
61. Parikh K (*mentored resident*), **Davenport MS**, Viglianti BL, Brown RKJ. Cost savings analysis of renal scintigraphy, stratified by renal function thresholds: mercaptoacetyltriglycine versus diethylene triamine penta-acetic acid. *J Am Coll Radiol* 2016; 13:801-811.
62. Piert M, Montgomery J, Kunju LP, Siddiqui J, Rogers V, Rajendiran T, Johnson TD, Shao X, **Davenport MS**. ¹⁸F-choline PET/MRI: the Additional Value of PET for MRI-guided Transrectal Prostate Biopsies. *J Nucl Med* 2016; 57:1065-1070.
63. Masch MR (*mentored resident*), Ellis JH, Wang CL, Cohan RH, **Davenport MS**. Effect of available intravenous access on accuracy and timeliness of epinephrine administration. *Abdom Radiol* 2016; 41:1133-1141.
64. Dickerson EC (*mentored resident*), Alam HB, Brown RKJ, Stojanovska J, Michigan Radiology Quality Collaborative, **Davenport MS**. In-person communication between radiologists and acute-care surgeons leads to significant alterations in surgical decision-making. *J Am Coll Radiol* 2016; 13:943-949. *Article highlighted on AuntMinnie.com (“Can we talk? Chats with surgeons change treatment plans.” 8/2016).*

65. Masch WR (*mentored fellow*), Wang CL, **Davenport MS**. Severe Allergic-like Contrast Reactions: Epidemiology and Appropriate Treatment. *Abdominal Radiology* 2016; 41:1632-1639.
66. Singhal U, Morhardt D, **Davenport MS**, Moussa MH, Alam H, Malaeb B, Kutikov A, Morgan TM. Ureteral involvement within an incarcerated inguinal hernia in a patient with crossed-fused ectopia. *Urology Case Reports* 2016; 7:20-22.
67. Brown JM (*mentored resident*), Dickerson EC, Rabinowitz LC, Cohan RH, Ellis JH, Litell JM, Kaza RK, Lopez AN, Theyyanni NR, Weber JT, Kocher KE, **Davenport MS**. "Concordance" revisited: a multi-disciplinary appraisal of concordant preliminary abdominopelvic CT reports. *J Am Coll Radiol* 2016; 13:1111-1117. *Article selected by JACR for CME.*
68. Gaetke-Udager K (*mentored fellow*), McLean K, Sciallis AP, Alves T, Maturen KE, Mervak BM, Moore AG, Wasnik AP, **Davenport MS**. Diagnostic accuracy of ultrasound, contrast-enhanced CT, and MRI without DWI for differentiating leiomyoma from leiomyosarcoma. *Acad Radiol* 2016; 23:1290-1297.
69. Mervak BM (*mentored resident*), **Davenport MS**, Flynt KA, Kazerooni EA, Weadock WJ. What the patient wants: an analysis of radiology-related inquiries from a web-based patient portal. *J Am Coll Radiol* 2016; 13:1311-1318. *Article highlighted on AuntMinnie.com and selected by JACR for CME.*
70. Rahman T (*mentored resident*), Hussain HK, Parikh N, **Davenport MS**. Reinterpretation of outside hospital MRI abdomen exams in patients with cirrhosis: is the OPTN mandate necessary? *AJR Am J Roentgenol* 2016; 19:1-7.
71. Dillman JR, Smith EA, Sanchez R, Adler J, Maillard-Dematos V, Zhang B, **Davenport MS**. Diffusion-weighted imaging in pediatric small bowel Crohn's disease: are apparent diffusion coefficients surrogates for disease activity in patients receiving infliximab therapy? *AJR Am J Roentgenol* 2016; 207:1002-1008.
72. Bailey JJ, Ellis JH, **Davenport MS**, Cohan RH, Nan B, Parameswaran A, Hsu L, Sahai V, Francis IR. Value of pelvis CT during follow-up of patients with pancreatic adenocarcinoma. *Abdom Radiol* 2017; 42:211-215.
73. Stein EB (*mentored resident*), Liu PS, Kazerooni EA, Barber K, Michigan Radiology Quality Collaborative, **Davenport MS**. Reducing variability in orthogonal reformatted image quality from long z-axis CT angiography studies using multi-vendor 3D post-processing toolkits. *AJR Am J Roentgenol* 2016; 207:1360-1365.
74. Kaza RK, Raff EA, **Davenport MS**, Khalatbari S. Variability of CT attenuation measurements in virtual unenhanced images generated using multimaternal decomposition from fast kilovoltage-switching dual-energy CT. *Acad Radiol* 2017; 24:365-372.

75. **Davenport MS**, Hu EM, Smith AD, Chandarana H, Hafez K, Palapattu G, Wolf JS, Silverman SG, for the SAR Disease Focused Panel on Renal Cell Carcinoma. Reporting standards for indeterminate renal masses on CT and MRI: a national survey of academic radiologists and urologists. *Abdom Radiol* 2017; 42:1229-1240.
76. Dickerson E (*mentored resident*), **Davenport MS**, Syed F, Stuve O, Cohen J, Rinker J, Goldman M, Michigan Radiology Quality Collaborative, Foerster B. Effect of template reporting of brain MRIs for multiple sclerosis on report thoroughness and neurologist perception of report quality: results of a prospective quality improvement project. *J Am Coll Radiol* 2017; 14:371-379.
77. **Davenport MS**, Malyarenko DI, Pang Y, Hussain HK, Chenevert TL. Effect of gadoxetate disodium on arterial-phase respiratory waveforms using a quantitative fast Fourier transformation-based analysis. *AJR Am J Roentgenol* 2017; 208:328-336.
78. **Davenport MS**, Parikh KR, Mayo-Smith WW, Israel GM, Brown RKJ, Ellis JH. Effect of fixed-volume and weight-based dosing regimens on the cost and volume of administered iodinated contrast material at abdominal CT. *J Am Coll Radiol* 2017; 14:359-370 [press coverage by Reuters Health]
79. Otemuyiwa B (*mentored medical student*), Derstine BA, Zhang P, Wong SL, Sabel MS, Redman BG, Wang SC, Alva AS, **Davenport MS**. Dorsal muscle attenuation may predict failure to respond to interleukin-2 therapy in metastatic renal cell carcinoma. *Acad Radiol* 2017; 24:1094-1100.
80. Piert M, Shao X, Raffel D, **Davenport MS**, Montgomery J, Kunju P, Hockley B, Siddiqui J, Scott P, Chinnaiyan AM, Rajendiran T. Preclinical evaluation of [¹¹C]sarcosine as a substrate of proton-coupled amino acid transporters and first human application in prostate cancer. *J Nucl Med* 2017; 58:1216-1223.
81. Childress JC (*mentored fellow*), Burch D, Kazerooni EA, **Davenport MS**. Bacterial contamination of CT equipment: use and validation of an ATP detector for reducing surface bacterial load. *Acad Radiol* 2017; 24:923-929.
82. **Davenport MS**, Cohan RH. The evidence for and against corticosteroid prophylaxis in at-risk patients. *Radiol Clin N Am* 2017; 55:413-421.
83. Piert M, El Naqa I, **Davenport MS**, Incerti E, Mapelli P, Picchio M. PET/MRI and prostate cancer. *Clin Transl Imaging* 2016; 4:473-485.
84. Mervak BM (*mentored fellow*), Cohan RH, Ellis JH, Khalatbari S, **Davenport MS**. 5-hour intravenous corticosteroid premedication has a breakthrough reaction rate that is non-inferior to that of a traditional 13-hour oral regimen. *Radiology* 2017; 285:425-433.

85. Wang I (*mentored resident*), **Davenport MS**, Kazerooni EA. Imaging trends in acute venous thromboembolic disease. *J Am Coll Radiol* 2017; 14:1151-1160.
86. Meadows JM, Chick JFB, Gemmete JJ, **Davenport MS**, Srinivasa RN. Bladder protection with continuous infusion of warmed saline facilitates computed tomography-guided cryoablation of prostate cancer with extracapsular and bladder invasion. *J Vasc Interv Radiol* 2017; 28:1283-1285.
87. McDonald JS, McDonald RJ, **Davenport MS**, Jaffe TA, Cook TS, Kallmes DF, Kotsenas AL. Gender and radiology publication productivity: an examination of academic faculty from four health systems in the United States. *J Am Coll Radiol* 2017; 14:1100-1108.
88. Cohan RH, Shampain KL, Francis IR, **Davenport MS**, Wolf JS, Marder W, Swartz RD. Imaging appearance of fibrosing diseases of the retroperitoneum: can a definitive diagnosis be made? *Abdom Radiol* 2018; 43:1204-1214.
89. Dickerson EC, Chong ST, Ellis JH, Watcharatone K, Nan B, **Davenport MS**, Al-Hawary M, Mazza MB, Rizk R, Morris A, Cohan RH. Recurrence of colonic diverticulitis: identifying predictive CT findings-retrospective cohort study. *Radiology* 2017; 285:850-858.
90. Woolen SA (*mentored resident*), Maturen KE, Nettles A, Cahalan S, Parent K, Gomez-Hassan D, **Davenport MS**. Patient-centered assessment of the value of oral contrast material. *J Am Coll Radiol* 2017; 14:1626-1631. [Article highlighted on AuntMinnie.com “Bottoms up: oral contrast preferred over missing finding”]
91. Parikh K (*mentored fellow*), **Davenport MS**. Net revenue analysis of inpatient and emergency department thyroid ultrasound at a United States quaternary care center from 2012-2015. *J Am Coll Radiol* 2018; 15:75-81.
92. Mendiratta-Lala M, Gu E, Cuneo K, Owen D, Bazzi L, Lawrence TS, Hussain HK, **Davenport MS**. Imaging findings within the first 12 months of hepatocellular carcinoma treated with stereotactic body radiation therapy. *Int J Radiat Oncol Biol Phys* 2018; 102:1063-1069.
93. Hu EM (*mentored resident*), Ellis JH, Silverman SG, Cohan RH, Caoili EM, **Davenport MS**. Expanding the definition of a benign renal cyst on contrast-enhanced CT: can incidental homogeneous renal masses measuring 21-39 HU be safely ignored? *Acad Radiol* 2018; 25:209-212.
94. **Davenport MS**. (*invited editorial*) Choosing the safest gadolinium-based contrast medium for MRI: not so simple after all. *Radiology* 2018; 286:483-485.
95. Marentis TC (*mentored resident*), **Davenport MS**, Dillman JR, Sanchez R, Kelly AM, Cronin PP, Chronis N, De Freitas M, Hadjiiski L, Chan HP. Efficacy of a complete process

for the prevention and detection of retained surgical instruments. *AJR Am J Roentgenol* 2018; 15:1-6.

96. Barnett CL, **Davenport MS**, Montgomery JS, Wei JT, Montie JE, Denton BT. Cost-effectiveness of magnetic resonance imaging and targeted fusion biopsy for early detection of prostate cancer. *BJU International* 2018; 122:50-58.
97. Woolen S (*mentored resident*), Kazerooni EA, Wall A, Parent K, Cahalan C, Alameddine M, **Davenport MS**. Waiting for radiology test results: patient expectations and emotional disutility. *J Am Coll Radiol* 2018; 15:274-281. (selected for CME credit). *Article highlighted on AuntMinnie.com "How and when do patients want their imaging results?" Article covered by Reuter's Health.*
98. Bhatti Z (*mentored resident*), Brown KJ, Kazerooni EA, **Davenport MS**. Communicating radiology test results: are our phone calls excessive, just right, or not enough? *Acad Radiol* 2018; 25:365-371.
99. Shankar PR, Parikh K, **Davenport MS**. Financial implications of revised ACR guidelines for eGFR testing prior to contrast-enhanced MRI. *J Am Coll Radiol* 2018; 15:250-257.
100. Shankar PR, **Davenport MS**, Woolen SA, Carlos RC, Maturen KE. Survey research: a primer for the academic radiologist. *Acad Radiol* 2018; 25:751-756.
101. Shankar PR, Curci NE, **Davenport MS**. Characteristics of PI-RADS 4 lesions within the prostatic peripheral zone: a retrospective diagnostic accuracy study evaluating 170 lesions. *Abd Radiol* 2018; 43:2176-2182.
102. Kaiser A (*mentored resident*), **Davenport MS**, Hafez KS, Alva A, Bailey JJ, Francis IR. Utility of pelvic CT for surveillance of T2-T4 renal cell carcinoma following nephrectomy with curative intent. *AJR Am J Roentgenol* 2018; 210:1088-1091.
103. Curci NE (*mentored fellow*), Gartland P, Shankar PR, Montgomery JS, Miller DC, George AK, **Davenport MS**. Long-distance longitudinal prostate MRI quality assurance: from startup to 12 months. *Abdom Radiol* 2018; 43:2505-2512.
104. Bhatti ZS (*mentored resident*), Mervak BM, Dillman JR, **Davenport MS**. Breakthrough reactions to gadobenate dimeglumine. *Invest Radiol* 2018; 53:551-554.
105. Piert MD, Shankar PR, Montgomery JS, Kunju LP, Rogers V, Siddiqui J, Rajendiran T, Hearn J, George A, Shao X, **Davenport MS**. Accuracy of tumor segmentation from multi-parametric prostate MRI and 18F-choline PET/CT for focal prostate cancer therapy applications. *European Journal of Nuclear Medicine and Molecular Imaging (EJNMMI) Research* 2018 8:23.
106. Allen BC, Florez E, Sirous R, Lirette ST, Griswold M, Remer EM, Wang ZJ, Bieszczad J, Cox KL, Goenka A, Howard-Claudio CM, Kang HC, Nandwana SB, Sanyal R, Shinagare

AB, Henagen JC, Storrs J, **Davenport MS**, Ganeshan B, Ocain K, Bryan J, Vasanji A, Rini B, Smith AD. Comparative effectiveness of metastatic tumor response methods: standard of care vs. computer-assisted response evaluation. *JCO Clinical Cancer Informatics* 2017; <http://ascopubs.org/doi/pdf/10.1200/CCI.17.00026>.

107. Curci NE (*mentored fellow*), Lane BR, Shankar PR, Noyes SL, Moriarty AK, Kubat A, Brede C, Montgomery JS, Auffenberg GB, Miller DC, Montie JE, George AK, **Davenport MS**. Integration and diagnostic accuracy of 3T non-endorectal-coil prostate MRI in the context of active surveillance. *Urology* 2018; 116:137-143.
108. Shankar PR, Kaza RK, Al-Hawary A, Masch WR, Curci NE, Mendiratta-Lala M, Sakala MD, Johnson TD, **Davenport MS**. Impact of clinical history on maximum PI-RADS v2 score: a six-reader 120-case retrospective evaluation. *Radiology* 2018 [epub ahead of print]
109. Sakala M (*mentored fellow*), Neal CH, Kazerooni EA, **Davenport MS**. Improving breast MRI wait times with targeted quality improvement: a model for disseminating advanced imaging to non-monitored times during periods of expanding volume. *J Am Coll Radiol* 2018; 15:859-864.
110. Wasnik AP, **Davenport MS**, Kaza RK, Weadock WW, Udager A, Keshavarzi N, Nan B, Maturen KE. Diagnostic accuracy of MDCT in differentiating gallbladder cancer from acute and xanthogranulomatous cholecystitis. *Clinical Imaging* 2018; 50:223-228.
111. Masch WR, Parikh ND, Licari TL, Mendiratta-Lala M, **Davenport MS**. Radiologist quality assurance by nonradiologists at tumor board. *J Am Coll Radiol* 2018; 15:1259-1265.
112. Meyer NB (*mentored fellow*), Gaetke-Udager K, Shampain KL, Spencer A, Cohan RH, **Davenport MS**. (Lack of) measurable clinical or knowledge gains from resident participation in noon conference. *Acad Radiol* 2018; 25:719-726.
113. **Davenport MS**, Khalatbari S, Ellis JH, Cohan RH, Chong ST, Kocher K. Novel quality indicators for radiologists interpreting abdominopelvic CT: risk-adjusted outcomes in emergency department patients with right lower quadrant pain. *AJR Am J Roentgenol* 2018; 210:1292-1300.
114. Hu EM (*mentored resident*), Zhang A, Silverman SG, Pedrosa IM, Wang ZJ, Smith AD, Chandarana H, Doshi A, Shinagare AB, Remer EM, Kaffenberger SD, Miller DC, **Davenport MS**. Multi-institutional analysis of CT and MRI reports evaluating indeterminate renal masses: comparison to a national survey investigating desired report elements. *Abd Radiol* 2018; 43:3493-3502.
115. Pandya A, Caoili EM, Jawad-Makki F, Haymart MR, **Davenport MS**. Limitations of the 2015 American Thyroid Association (ATA) Guidelines for prediction of thyroid cancer: a review of 1,947 consecutive aspirations. *J Clin Endo Metab* 2018; 103:3496-3502.

116. **Davenport MS**, Chandarana H, Curci NE, Doshi A, Kaffenberger SD, Pedrosa I, Remer EM, Schieda N, Shinagare AB, Smith AD, Wang ZJ, Wells SA, Silverman SG. Society of Abdominal Radiology disease-focused panel on renal cell carcinoma: update on past, current, and future goals. *Abd Radiol* 2018; 43:2213-2220.
117. Heckman KM (*mentored medical student*), Otemuyiwa B, Chenevert TL, Malyarenko D, Derstine B, Wang S, **Davenport MS**. Validation of a DIXON-based fat quantification technique for the measurement of visceral fat. *Abdom Radiol* 2019; 44:346-354.
118. Wasnik AP, Higgins EJ, Fox GA, Caoili EM, **Davenport MS**. Yield of routine image-guided biopsy of renal mass thermal ablation zones: 11-year experience. *Acad Radiol* 2019; 26:232-238.
119. Dillman JR, Trout AT, **Davenport MS**. Allergic-like contrast reaction management in children. *Pediatr Radiol* 2018; 48:1688-1694.
120. Roseland ME (*mentored resident*), Kazerooni EA, Bailey JE, Luker GD, Cohan RH, **Davenport MS**. Needs assessment using a structured prioritization schema: an open letter to PACS vendors. *J Am Coll Radiol* 2019; 16:170-177.
121. Shankar PR, Parikh KR, Heilbrun ME, Sweeny BM, Flake AN, Herbstman E, Hoffman TJ, Havey R, Kronick S, **Davenport MS**. Cost implications of oral contrast administration in the Emergency Department: a time driven activity-based costing analysis. *J Am Coll Radiol* 2019; 16:30-38.
122. McDonald RJ, Levine D, Weinreb J, Kanal E, **Davenport MS**, Ellis JH, Jacobs PM, Lenkinski RE, Maravilla KR, Prince MR, Rowley HA, Tweedle MF, Kressel HY. Gadolinium retention: a research roadmap from the 2018 NIH/ACR/RSNA workshop on gadolinium chelates. *Radiology* 2018; 289:517-534.
123. Centonze C (*mentored resident*), **Davenport MS**, Kazerooni EA. Routine post-procedure chest radiography is not warranted after right heart catheterization. *J Am Coll Radiol* 2019; 16:45-49.
124. Rimola J, **Davenport MS**, Liu PS, Brown T, Marrero JA, Parikh ND, McKenna BJ, Hussain HK. Diagnostic accuracy of MRI with extracellular vs hepatobiliary contrast material for detection of residual hepatocellular carcinoma after locoregional treatment. *Abdom Radiol* 2019; 44:549-558.
125. Mendiratta-Lala M, Masch WB, Shankar P, Hartman HE, **Davenport MS**, Schipper MJ, Maurino C, Cuneo KC, Lawrence TC, Owens D. Magnetic resonance imaging evaluation of hepatocellular carcinoma treated with stereotactic body radiation therapy: long term imaging follow-up. *Int J Radiat Oncol Biol Phys* 2019; 103:169-179.
126. **Davenport MS**, Dunnick NR. Lessons on leadership. *RadioGraphics* 2018; 38:1688-1693.

127. Brown RKJ, Petty S, O'Malley S, Stojanovska J, **Davenport MS**, Kazerooni EA, Fessahazion D. Virtual reality tool simulates MRI experience. *Tomography* 2018; 4:95-98.
128. Kaiser A (*mentored resident*), **Davenport MS**, Frey KA, Greenspan B, Brown RKJ. Management of diabetes mellitus before 18F-Fluorodeoxyglucose PET/CT: a nationwide patient-centered assessment of approaches to exam preparation. *J Am Coll Radiol* 2019; 16:804-809.
129. Salami SS, Hovelson DH, Kaplan JB, Mathieu R, Udager AM, Curci N, Lee M, Lazo de la Vega L, Susani M, Rioux-Leclercq N, Spratt DE, Morgan TM, **Davenport MS**, Rubin MA, Shariat SF, Tomlins SA, Palapattu GS. Transcriptomic heterogeneity in multifocal prostate cancer. *J Clin Invest Insight* 2018.
130. Cohan RH, **Davenport MS**. Productivity, meet burnout (*invited editorial*). *Acad Radiol* 2018; 25:1513-1514.
131. Woolen SA, Kazerooni EA, Steenburg SD, Nan B, Ma T, Wall A, Linna NB, Gayed MJ, Kushdilian MV, Parent K, Cahalan S, Alameddine M, Ladd LM, **Davenport MS**. Optimizing Electronic Release of Imaging Results through an Online Patient Portal. *Radiology* 2019; 290:136-143. Covered by RSNA news: <https://www.rsna.org/en/news/2019/March/Patient-Preference-For-Imaging-Results>
132. **Davenport MS**, Gaetke-Udager K, Kronick SL. The resident preliminary report. *J Am Coll Radiol* 2019; 16:61-63.
133. **Davenport MS**, Hu EM, Zhang A, Shinagare AB, Smith AD, Pedrosa I, Kaffenberger SD, Silverman SG, for the SAR Disease-Focused Panel on Renal Cell Carcinoma. Standardized report template for indeterminate renal masses at CT and MRI: a collaborative product of the SAR Disease-Focused Panel on Renal Cell Carcinoma. *Abdom Radiol* 2019; 44:1423-1429.
134. Khan O, Shankar PR, Parikh AD, Cohan RH, Keshavarzi N, Khalatbari S, Saad RJ, **Davenport MS**. Radiographic stool quantification: An equivalence study of 484 symptomatic and asymptomatic subjects. *Abd Radiol* 2019; 44:821-827.
135. Schieda N, **Davenport MS**, Pedrosa I, Shinagare A, Silverman SG. Renal and adrenal masses containing fat at MRI: proposed nomenclature by the Society of Abdominal Radiology Disease-Focused Panel on Renal Cell Carcinoma. *J Magn Reson Imaging* 2019; 49:917-926.
136. **Davenport MS**, Larson DB. Measuring diagnostic radiologists: what measurements should we use? *J Am Coll Radiol* 2019; 16:333-335.
137. Shankar PR, Maturen KE, George AK, Borza T, Montgomery JS, Wei JT, Denton BT, **Davenport MS**. Temporary health impact of prostate MRI and transrectal prostate biopsy in active surveillance prostate cancer patients. *J Am Coll Radiol* 2019; 16:1385-1392.

138. Tan N, Bavadia N, Calais J, Oyoyo U, Kim J, Turkbey IB, Mena E, **Davenport MS**. Imaging of prostate specific membrane antigen targeted radiotracers for the detection of prostate cancer biochemical recurrence after definitive therapy: a systematic review and meta-analysis. *J Urol* 2019; 202:231-240.
139. Gaetke-Udager K, Brown RKJ, Centonze CP, Hu EM, Liles AL, Woolen SA, Zhang A, **Davenport MS**. Advanced quality training in radiology: inaugural report of a 2-year program. *AJR Am J Roentgenol* 2019; 5:1-9.
140. Moorman SEH, Shankar PR, **Davenport MS**. My first quality improvement project. *J Am Coll Radiol* 2019; 16:980-982.
141. Schieda N, Jeyaraj SK, **Davenport MS**. Update on gadolinium-based contrast agent (GBCA)-enhanced imaging in the genitourinary system. *AJR Am J Roentgenol* 2019; 11:1-11.
142. Centonze C (*mentored resident*), **Davenport MS**, White ES, Kazerooni EA. Routine chest radiography following bronchoscopy. *Acad Radiol* 2019; 26:585-590.
143. Uhl KG, **Davenport MS**. The cost of uncertainty: a patient's perspective. *J Am Coll Radiol* 2019; 16:737-739.
144. Diaz de Leon A, **Davenport MS**, Schieda N, Silverman SG, Cadeddu JA, Pedrosa I. Role of virtual biopsy in the management of renal masses. *AJR Am J Roentgenol* 2019; [epub ahead of print].
145. Shampain KL, Cohan RH, Caoili EM, **Davenport MS**, Ellis JH. Benign diseases of the urinary tract at CT and CT urography. *Abdom Radiol* 2019; [epub ahead of print].
146. Cha KH, Hadjiiski LM, Cohan RH, Chan HP, Caoili EM, **Davenport MS**, Samala RK, Weizer AZ, Alva A, Kirova-Nedyalkova G, Shampain K, Meyer N, Barkmeier D, Woolen S, Shankar PR, Francis IR, Palmboos P. Diagnostic accuracy of CT for prediction of bladder cancer treatment response with and without computerized decision support. *Acad Radiol* 2019; 26:1137-1145.
147. Silverman SG, Pedrosa I, Ellis JH, Hindman NM, Schieda N, Smith AD, Remer EM, Shinagare AB, Curci NE, Raman SR, Wells SA, Kaffenberger SD, Wang ZJ, Chandarana H, **Davenport MS (co-first author, noted in manuscript)**. Bosniak classification of cystic renal masses v.2019: an update proposal and needs assessment. *Radiology* 2019; 292:475-488.
148. Salami SS, Kaplan JB, Nallandhighal S, Takhar M, Tosoian JJ, Lee M, Yoong J, Hovelson DH, Plouffe KR, Kaffenberger SD, Schaeffer EM, Karnes JR, Morgan TM, George AK, Montgomery JS, **Davenport MS**, You S, Tomlins SA, Curci NE, Kim HL, Spratt DE,

Udager AM, Palapattu GS. Biologic significance of magnetic resonance imaging invisibility in localized prostate cancer. *JCO Precision Oncology* 2019; 3:1-12.

149. Hayatghaibi SE, **Davenport MS**, Trout AT, Dillman JR. Quantifying value-based imaging. *J Am Coll Radiol* 2019; 16:1177-1178.
150. **Davenport MS**, Montgomery JS, Kunju LP, Siddiqui J, Rogers V, Rajendiran T, Lee E, Shao X, Barnett C, Denton BT, Piert M. 18F-choline PET/mpMRI for detection of significant prostate cancer, part 1: improved risk stratification for MRI-guided transrectal prostate biopsies. *J Nuc Med* 2020; 61:337-343.
151. Barnett CL, **Davenport MS**, Montgomery JS, Kunju LP, Denton BT, Piert M. 18F-choline PET/mpMRI for detection of significant prostate cancer, part 2: cost-effectiveness analysis. *J Nucl Med* 2019; 60:1705-1712.
152. Ellis JE, Khalatbari S, Yosef M, Cohan RH, **Davenport MS**. Influence of clinical factors on risk of contrast-induced nephrotoxicity from IV iodinated low-osmolality contrast material in patients with a low estimated glomerular filtration rate. *AJR Am J Roentgenol* 2019; 213:W188-W193.
153. **Davenport MS**. Virtual elimination of nephrogenic systemic fibrosis: a medical success story with a small asterisk. *Radiology* 2019; 292:387-389. (*invited editorial*)
154. Kennedy JM, Wang Z, Plouffe KR, Dhanasekaran SM, Hafez K, Palapattu G, Weizer A, Morgan TM, Spratt DE, **Davenport MS**, Chinnaiyan AM, Udager A, Mehra A. Clinical and morphologic review of 60 hereditary renal tumors from 30 hereditary renal cell carcinoma syndrome patients: lessons from a contemporary single institution series. *Med Oncol* 2019; 36:74.
155. Maralani PJ, Schieda N, Hecht E, Litt H, Hindman N, Heyn C, **Davenport MS**, Zaharchuk G, Hess C, Weinreb J. MRI safety and devices: an update and expert consensus. *J Mag Reson Imag* 2020; 51:657-674.
156. Pandya A, **Davenport MS**, Bude R, Shankar P, Wasnik A, Jawad-Makki F, Haymart M, Caoili EM. Retrospective cohort study of 1,947 thyroid nodules: a comparison of the 2017 Thyroid Imaging Reporting and Data System (TI-RADS) and the 2015 American Thyroid Association (ATA) classifications. *AJR Am J Roentgenol* 2020; 214:900-906.
157. Wolf KI, Jacobs MF, Mehra R, **Davenport MS**, Marentette LJ, Basura GJ, Hughes DT, Else T. A family with a carotid body paraganglioma and thyroid neoplasias with a new SDHAF2 germline variant. *J Endo Soc* 2019; 3:2151-2157.
158. Dillman JR, **Davenport MS**. Gadolinium retention: 5 years later. *Ped Radiol* 2020; 50:166-167.

159. Liles AL (*mentored resident*), Francis IR, Kalia V, Kim J, **Davenport MS**. Common causes of outpatient CT and MRI callback examinations: opportunities for improvement. *AJR Am J Roentgenol* 2020; 214:487-492. (reported on by *Radiology Business*)
160. Woolen SA (*mentored resident*), Shankar PR, Gagnier JJ, MacEachern MP, Singer L, **Davenport MS**. Risk of nephrogenic systemic fibrosis in patients with stage 4 or 5 chronic kidney disease receiving a group II gadolinium-based contrast agent: a systematic review and meta-analysis. *JAMA Int Med* 2019; 180:223-230.
161. **Davenport MS**, Perazella MA, Yee J, Dillman JR, Fine D, McDonald RJ, Rodby RA, Wang CL, Weinreb JC. Use of intravenous iodinated contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Radiology (dual-publication with Kidney Medicine)* 2020; 294:660-668.
162. **Davenport MS**, Perazella MA, Yee J, Dillman JR, Fine D, McDonald RJ, Rodby RA, Wang CL, Weinreb JC. Use of intravenous iodinated contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Kidney Medicine (dual-publication with Radiology)* 2020; 2:85-93.
163. Gilligan LA (*mentored medical student*), **Davenport MS**, Trout AT, Su W, Zhang B, Goldstein SL, Dillman JR. Risk of acute kidney injury following intravenous iodinated contrast material in children and adolescents: a propensity score-matched observational cohort study. *Radiology* 2020; 294:548-556.
164. **Davenport MS**, Khalatbari S, Keshavarzi N, Connolly M, Kocher KE, Chong ST, Srinivasan A. Differences in outcome associated with individual radiologists for emergency department patients with headache imaged with CT: a retrospective cohort study of 25,596 patients. *AJR Am J Roentgenol* 2020; 214:1122-1130.
165. Shankar PR, **Davenport MS**, Helvie M. Prostate MRI and quality: lessons learned from breast imaging rad-path correlation. *Abdom Radiol* 2020; 45:4028-4030.
166. Abdulfatah E, Kennedy JM, Hafez K, **Davenport MS**, Weizer AZ, Palapattu G, Morgan TM, Mannan R, Wang XM, Dhanasekaran SM, Kaffenberger SD, Spratt DE, Kunju L, Wu A, Lew M, Udager AM, Chinnaiyan AM, Mehra R. Clinicopathological characterization of renal cell carcinoma in young adults: a contemporary update and review of literature. *Histopathology* 2020; 76:875-887.
167. Neal CH, Pujara A, Srinivasan A, Chenevert TL, Malyarenko D, Khalatbari S, Pearlman MD, **Davenport MS**. Prospective observational non-inferiority imaging trial assessing gadoteridol retention in the deep brain nuclei of women undergoing breast MRI. *Acad Radiol* 2020; 27:1734-1741,
168. Hadjiiski LM, Cha KH, Cohan RH, Chan HP, Caoili EM, **Davenport MS**, Samala RK, Weizer AZ, Alva A, Kirova-Nedyalkova G, Shampain K, Meyer N, Barkmeier D, Woolen

- SA, Shankar PR, Francis IR, Palpbos P. Intraobserver variability in bladder cancer treatment response assessment with and without computerized decision support. *Tomography* 2020; 6:194-202.
169. **Davenport MS**, Shankar PR. Biparametric prostate MRI influencing care patterns in a Caribbean population. *Radiology: Imaging Cancer* 2020; 2:e200096. (*invited editorial*)
170. Mendiratta-Lala M, Masch WR, Shampain K, Zhang A, Jo AS, Moorman S, Aslam A, Maturen KE, **Davenport MS**. MRI assessment of hepatocellular carcinoma after local-regional therapy: a comprehensive review. *Radiology: Imaging Cancer* 2020; 2:e190024 (*art on cover*)
171. Lebastchi AH, Russell CM, Niknafs YS, Eyrich NW, Chopra Z, Botbyl R, Kabeer R, Osawa T, Siddiqui J, Siddiqui R, **Davenport MS**, Mehra R, Tomlins SA, Kunju LP, Chinnaiyan AM, Wei JT, Tosoian JJ, Morgan TM. Impact of the MyProstateScore (MPS) test on the clinical decision to undergo prostate biopsy: results from a contemporary academic practice. *Urology* 2020; 145:204-210.
172. Kuhn K, Larson DB, Becker C, Bierhals A, Broder J, City R, Cooke E, Cordova D, Curci N, **Davenport MS**, Dinan D, Duncan JR, Dungan D, Facchini D, Heller R, Hwang G, Irani N, Joshi A, Kadom N, Kaplan S, Kolli KP, Krishnaraj A, Marsh D, Miller A, Mintz A, Pahade J, Policeni B, Rubio EI, Towbin AJ, Wald C, Wandtke B, Willis M. Critical results in radiology: defined by clinical judgment or by a list? *J Am Coll Radiol* 2020; 18:294-297.
173. Shankar PR, **Davenport MS**. Risk of nephrogenic systemic fibrosis in stage 4 and 5 chronic kidney disease following group II gadolinium-based contrast agent administration: subanalysis by chronic kidney disease stage. *Radiology* 2020; 297:447-448.
174. Shinagare AB, **Davenport MS**, Park H, Pedrosa I, Remer EM, Chandarana H, Doshi AM, Schieda N, Smith AD, Vikram R, Wang ZJ, Silverman SG. Lexicon for renal mass terms at CT and MRI: a consensus of the Society of Abdominal Radiology Disease-Focused Panel on Renal Cell Carcinoma. *Abdom Radiol* 2021; 46:703-722. *DFP Paper of the Year*
175. Huneault L (*resident*), **Davenport MS**, Verma R, Walker D, Schieda N. Twitter and gadolinium retention: patient-reported perceptions of gadolinium-based contrast agents. *J Am Coll Radiol* 2020; 17:1355-1358.
176. Umakoshi H, Nihashi T, Shimamoto H, Yamada T, Ishiguchi H, Takada A, Hirasawa N, Ishihara S, Takehara Y, Naganawa S, **Davenport MS**, Terasawa T. Pharmacologic and non-pharmacologic interventions to prevent hypersensitivity reactions of non-ionic iodinated contrast media: a systematic review protocol. *BMJ Open* 2020; 10:e033023.
177. Tan N, Oyoyo U, Bavadian N, Ferbuson N, Mukkamala A, Calais J, **Davenport MS**. PSMA-targeted radiotracers versus F-18 fluciclovine for the detection of prostate cancer biochemical recurrence after definitive therapy: a systematic review and meta-analysis. *Radiology* 2020; 296:44-45.

178. Walker D, **Davenport MS**, McGrath TA, McInnes MDF, Shankar T, Schieda N. Breakthrough hypersensitivity reactions to gadolinium-based contrast agents (GBCA) and strategies to decrease subsequent reaction rates: a systematic review and meta-analysis. *Radiology* 2020; 296:312-321.
179. Schieda N, van der Pol CB, Walker D, Tsampalieros AK, Maralani P, Woo S, **Davenport MS**. Systematic review and meta-analysis of adverse events to the gadolinium-based contrast agent gadoxetic acid: implications for health care policy. *Radiology* 2020; 297:565-572.
180. Mendiratta-Lala M, Owen D, Masch WM, Aslam A, Cuneo K, Maurino C, Devasia T, Schipper M, Lawrence T, **Davenport MS**. Natural history of hepatocellular carcinoma after stereotactic radiation therapy. *Abdom Radiol* 2020; 45:3698-3708.
181. **Davenport MS**, Bruno MA, Iyer RS, Johnson AM, Herrera R, Nicola GN, Ortiz D, Pedrosa I, Policeni B, Recht MP, Willis M, Zuley ML, Weinstein S. ACR Statement on Safe Resumption of Routine Radiology Care During the COVID-19 Pandemic. *J Am Coll Radiol* 2020; 17:839-844.
182. **Davenport MS**, Weinreb JC. Annals for hospitalists inpatient notes - What hospitalists need to know about risk of contrast-induced AKI from contrast-enhanced computed tomography. *Ann Intern Med* 2020; 173:H02-H03.
183. Lebastchi AH, Gupta N, DiBianco JM, Piert M, **Davenport MS**, Ahdoot MA, Bloom JB, Gomella PT, Mehralivand S, Pinto PA, Turkbey B, George AK. Comparison of cross-sectional imaging techniques for the detection of prostate cancer lymph node metastasis: a critical review. *Transl Androl Urol* 2020; 9:1415-1427.
184. Shankar PR, **Davenport MS**. Risk of nephrogenic systemic fibrosis in stage 4 and 5 chronic kidney disease following group II gadolinium-based contrast agent administration: sub-analysis by chronic kidney disease stage. *Radiology* 2020; 297:447-448.
185. O'Donohue LS, Shankar PR, Stein EB, **Davenport MS**. Characteristics of gadolinium-based contrast media cancellation at the point of care: a 15-month assessment of FDA-inspired medication guides on gadolinium retention. *Abdom Radiol* 2021; 46:799-804.
186. Corwin MT, Altinkamakas E, Asch D, Bishop KA, Boge M, Curci NE, Ebada M, Elkassem AA, Fananapazir G, Fetzer DT, Gaballah AH, Gandhi D, Kampalath R, Lee S, Markese M, McInnes MD, Patel NU, Remer EM, Rosasco S, Schieda N, Sweet DE, Smith AD, Taylor E, Silverman SG, **Davenport MS**. Clinical importance of incidental homogeneous renal masses 10-40 mm and 21-39 Hounsfield Units at portal venous-phase CT: A 12-institution retrospective cohort study. *Am J Roentgenol* 2020; doi: 10.2214/AJR.20.24245.
187. Kim KY, Tan N, Moretz J, Mitchell K, **Davenport MS**. Emergency department length of stay following discontinuation of routine oral contrast material. *Abdom Radiol* 2021; 46:1210-1215.

188. Krishna S, Schieda N, Pedrosa I, Hindman N, Baroni RH, Silverman SG, **Davenport MS**. Update on MRI of cystic renal masses including Bosniak version 2019. *J Magn Reson Imag* 2020; doi: 10.1002/jmri.27364.
189. Smith J, Tan N, Rayappureddi M, Shih W, Mitchell K, Estes M, Dudas R, Camara J, Jacobson J, **Davenport MS**. Availability of a final abdominopelvic CT report before emergency department disposition: risk-adjusted outcomes in patients with abdominal pain. *Abdom Radiol* 2021; doi: 10.1007/s00261-020-02899-4.
190. **Davenport MS**, Shankar PR. Risk of nephrogenic systemic fibrosis from gadoxetic acid in patients with severe kidney disease. *Radiology* 2020; 297:563-564. (*invited editorial*)
191. Weinreb JC, Rodby RA, Yee J, Wang CL, Fine D, McDonald RJ, Perazella MA, Dillman JR, **Davenport MS**. Use of intravenous gadolinium-based contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Radiology (dual publication in Kidney Medicine)* 2021; 298:28-35.
192. Weinreb JC, Rodby RA, Yee J, Wang CL, Fine D, McDonald RJ, Perazella MA, Dillman JR, **Davenport MS**. Use of intravenous gadolinium-based contrast media in patients with kidney disease: consensus statements from the American College of Radiology and the National Kidney Foundation. *Kidney Medicine (dual publication with Radiology)* 2020; 3:142-150.
193. **Davenport MS**, Fruscello T, Chatfield M, Weinstein S, Sensakovic WF, Larson DB. Computed tomography volumes from 2,398 radiology practices in the United States: a realtime indicator of the effect of COVID-19 on routine care, January to September 2020. *J Am Coll Radiol* 2021; 18:380-387.
194. Edney E, **Davenport MS**, Curci N, Schieda N, Krishna S, Hindman N, Silverman SG, Pedrosa I. Bosniak classification of cystic renal masses, version 2019: interpretation pitfalls and recommendations to avoid misclassification. *Abdom Radiol* 2021; doi: 10.1007/s00261-020-02906-8.
195. Ananthakrishnan L, Mielke N, Xi Y, **Davenport MS**. Fidelity of electronic documentation for reactions prompting premedication to iodinated contrast media. *J Am Coll Radiol* 2021; doi:10.1016/j.jacr.2021.01.005.
196. Abdulfatah E, Reichert Z, **Davenport MS**, Chinnaiyan AM, Dadhanian V, Hollenbeck B, Montgomery JS, Kaffenberger S, Morgan TM, Alva A, Palapattu G, Vaishampayan U, Alumkal JJ, Spratt DE, Udager AM, Mehra R. De novo neuroendocrine transdifferentiation in primary prostate cancer—a phenotype associated with advanced clinic-pathologic features and aggressive outcome. *Med Oncol* 2021; 38:doi:10.1007/s12032-021-01473-2.

197. Palmboos PL, Daignault-Newton S, Tomlins SA, Agarwal N, Twardowski P, Morgans AK, Kelly WK, Arora VK, Antonarakis ES, Siddiqui J, Jacobson JA, **Davenport MS**, Robinson D, Chinnaiyan AM, Knudsen KE, Hussain M. Co-targeting AR signaling and cell cycle: a randomized phase II study of androgen deprivation therapy with or without palbociclib in RB-positive metastatic hormone sensitive prostate cancer (mHSPC). Clin Can Res 2021; clincanres.0024.2021.
198. Roseland ME, Shankar PR, Houck G, **Davenport MS**. Targeting missed care opportunities using modern communication methods: a quality improvement initiative to improve access to CT and MRI appointments. Acad Radiol 2021; doi: 10.1016/j.acra.2021.03.008.
199. Woolen SA, Singal AG, **Davenport MS**, Troost JP, Khalatbari S, Mittal S, Siddiqui S, Fobar A, Morris J, Odewole M, Tapper EB, Pillai A, Parikh ND. Patient preferences for hepatocellular carcinoma surveillance parameters. Clin Gastro Hepatol 2021; S1542-3565(21)00202-0.
200. Curci NE, Triche BL, Abel EJ, Bhutani G, Maciolek KA, Dreyfuss LD, Allen GO, Caoili EM, **Davenport MS**, Wells SA. Effect of iodinated contrast material on post-operative eGFR when administered during renal mass ablation. Eur Radiol 2021; doi: 10.1007/s00330-020-07613-y.

Peer-Reviewed Manuscripts Accepted for Publication

1. Silverman SG, **Davenport MS**. Practical management of Bosniak v.2019 class II masses. Radiology 2020.
2. Schieda N, **Davenport MS**, Krishna S, Edney E, Pedrosa I, Hindman N, Baroni RH, Curci N, Shinagare A, Silverman SG. Bosniak classification of cystic renal masses version 2019: a pictorial guide to clinical use. RadioGraphics 2020
3. **Davenport MS**, Downs E, George AK, Curci NE, Salka BR, Sullivan TQ, Shankar PR. PI-RADS v2 as a radiology performance metric: an analysis of 18 abdominal radiologists and 5,556 prostate MRIs. J Am Coll Radiol 2021.
4. Alabousi M, **Davenport MS**. Use of intravenous gadolinium-based contrast media in patients with kidney disease and the risk of nephrogenic systemic fibrosis: research in practice. Radiology 2021
5. Woolen SA, Pujara AC, McDonald JS, McDonald RJ, Lewin AA, Patterson KH, Westphal SM, Shankar PR, Melsaether AN, Nettles A, Piccoli L, Welby J, Pradip P, Kiros N, **Davenport MS**. Prospective multicenter assessment of patient preferences for properties of gadolinium-based contrast media in the setting of screening breast MRI. Euro Radiol 2021.

Books, Book Chapters, and Other Publications

1. **Davenport MS**, Neville AM, Ellis JH, Cohan RH, Leder RA. Reply to a letter to the editor. *Radiology* 2012; 262:370-371.
2. Grivas PD, **Davenport MS**, Montie JE, et al. Urethral Carcinoma. *Hematol Oncol Clin North Am* 2012; 26:1291-1314.
3. Chaudhry HS, **Davenport MS**, Neville AM. Reply to a letter to the editor. *AJR Am J Roentgenol* 2013; 201:W360.
4. **Davenport MS**, Liu PS, Chenevert TL, Hussain HK. Reply to a letter to the editor. *Radiology* 2013; 268:927.
5. **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH. Reply to a letter to the editor. *Radiology* 2014; 270:938.
6. **Davenport MS** (2015). *Genitourinary Radiology: A Core Review*. Philadelphia PA: Wolters Kluwer. (257 pages)
7. **Davenport MS** (Chair/Editor), Amendola MA (Co-chair/Editor) [2015]. *Genitourinary Tract Radiology: American College of Radiology Continuous Practice Improvement Self-Assessment Module*. ACR Press; Reston, VA. (88 pages)
8. **Davenport MS**, McDonald RJ, McDonald JS, Newhouse JH. Controversies in contrast-material-induced acute kidney injury: closing in on the truth? *Radiology* 2015; 277:627-632.
9. **Davenport MS**, Ellis JH, Cohan RH. Reply to a letter to the editor: Controlling for Acute Condition when Comparing Patients with versus Patients without Corticosteroid Premedication. *Radiology* 2016; 281:646.
10. **Davenport MS**, Ellis JH, Cohan RH. Reply to a letter to the editor: Allergic Status is a Confounder for Inpatient Length of Stay and Outcome Analysis. *Radiology* 2016; 281:649.
11. Brown RKJ, Parikh K, **Davenport MS**. Reply to a letter to the editor: Cost savings analysis of renal scintigraphy by serum creatinine threshold: MAG-3 vs. DTPA. *JACR* 2017 (in press).
12. **Davenport MS** (Chair/Editor) [2017]. *Genitourinary Tract Radiology: American College of Radiology Continuous Practice Improvement Self-Assessment Module*. ACR Press; Reston, VA. (88 pages).
13. **Davenport MS**, Dunnick NR. "A Lifetime Conversation with N. Reed Dunnick". Wrote and joint edited filmed interview (~1 hour). 12/2017
<https://medicine.umich.edu/dept/radiology/about-us/our-history/lifetime-conversation-dr-n-reed-dunnick>

14. Dickerson EC (*mentored fellow*), **Davenport MS**. Reply to a letter to the editor: Effect of template reporting of brain MRIs for multiple sclerosis on report thoroughness and neurologist-rated quality: results of a prospective quality improvement project. *J Am Coll Radiol* 2018; 15:9-10.
15. Interviewed for Healio.com re: gadolinium contrast media in capacity as Chair of ACR Committee on Drugs and Contrast Media. 11/7/2017. <https://www.healio.com/internal-medicine/preventive-medicine/news/online/%7B3763e1f2-542f-40c9-9e6a-49dc0fa1ad5b%7D/gadolinium-contrast-necessary-in-countless-mris-safety-research-encouraged>
16. **Davenport MS**, Newhouse JH. Patient evaluation prior to oral or intravenous contrast administration for computed tomography. First radiology-specific uptodate article. Editor: Susanna Lee MD PhD. Released: 1/24/2018. <https://www.uptodate.com/contents/patient-evaluation-prior-to-oral-or-intravenous-contrast-administration-for-computed-tomography>
17. **Davenport MS**, Lane BR. Reply to an editorial comment: Integration and diagnostic accuracy of 3T non-endorectal-coil prostate MRI in the context of active surveillance. *Urology* (in press)
18. **Davenport MS**. eGFR-based screening for group II GBCM is optional. *JACRblog.org* (invited online-only article); June 2018
19. Shankar PR, Curci NE, **Davenport MS**. SAR Prostate DFP: Case of the Week (granulomatous prostatitis) 2018. <http://www.abdominalradiology.org/page/DFPprostateTC>.
20. Shankar PR, Spratt DE, **Davenport MS**. SAR Prostate DFP: Case of the Week (neoadjuvant SBRT for high-risk prostate cancer) 2018. In press.
21. **Davenport MS**. Mentoring major career decisions: the agony and sadness of choice. *J Am Coll Radiol* 2018 (in press)
22. Interviewed by ACR for quality and safety newsletter re: contrast media, in capacity as Chair of ACR Committee on Drugs and Contrast Media. <https://www.acr.org/Quality-Safety/eNews.5/24/2018>.
23. **Davenport MS**, Gaetke-Udager K, Kronick SL. Reply to: the resident preliminary report: benefits of a second read. *J Am Coll Radiol* 2019; 16:274-275.
24. **Davenport MS**. CT and MRI intravascular contrast media update. In: *Subspecialist tips for the multispecialist*. Edited by: Bancroft LW, Iyer RS, Tailor TD. 2019 ARRS Categorical Course. ISBN: 978-1-890705-31-2.
25. Perazella MA, Weinreb JC, **Davenport MS**. In reply to: 'contrast-enhanced CT in patients with kidney disease: some considerations in response to the ACR/NKF consensus. *Kidney Medicine* 2020; 2:501.

26. **Davenport MS**. New major recommendations from the ACR and NKF: imaging patients with kidney disease. Michigan Radiological Society (The Report: News from the MRS). March 2021.

Scientific Poster and Electronic Education Presentations

1. **Davenport MS**, Trout A, Weadock W. CT angiography of the upper extremities. Radiological Society of North America (RSNA), 11/2008.
2. Trout A, **Davenport MS**, Weadock W. CT angiography of the lower extremities. Radiological Society of North America (RSNA), 11/2008.
3. **Davenport MS**, Caoili EM, Cohan RH, Ellis JH, Higgins EJ, Willatt J, Fox GA. CT and MR evaluation of the successfully treated renal mass post percutaneous radiofrequency ablation. University of Michigan Urology Symposium. Ann Arbor, MI, 2008.
4. Hryhorczuk AL, Torres ML, **Davenport MS**, Strouse PJ. Diagnostic advantages of fetal MRI in the evaluation of prenatal genitourinary abnormalities. Society of Uroradiology Annual Meeting, 3/2010. (1st place scientific poster)
5. Hsu C, Polascik T, Madden J, **Davenport M**, Gupta R, Merkle E, Palmeri M, Nightingale K. ARFI elastography for guidance of prostate procedures. Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer, Amsterdam, Netherlands, 2011.
6. Grimm L, Feuerlein S, Brown K, **Davenport MS**, Haystead C, Miller C, Neville A, Jaffe T. Localization of primary colonic tumors: A comparison of CT and colonoscopy. Radiological Society of North America (RSNA), 11/2011.
7. Gardner C, **Davenport MS**, Jaffe T. Effect of mandated radiologist-performed electronic order entry on CT oral contrast administration. Radiological Society of North America (RSNA), 11/2011.
8. Palmeri ML, Hsu CML, Lipman SL, Polascik TJ, **Davenport MS**, Kauffman C, Gupta RT, Kulbacki E, Madden J, Nightingale KR. Rigid and non-rigid registration of prostate B-mode and ARFI images to MR and whole-mount histology. International Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer, 2012.
9. Maturen KE, **Davenport MS**, Platt JF. Renal stone CT at 1 mSv: initial results with ultra-low dose technique. Radiological Society of North America (RSNA), 11/2012.
10. Caoili EM, **Davenport MS**, Dillman JR, Foerster B, Stojanovska-Nojkova J, Ross B, Kazerooni E. Impact of Imaging Research on Clinical Practice and Patient Health: University of Michigan Health System. Academy of Radiology Research. CIBR Medical Technology Showcase. 5/7/2013.

11. Wang CL, **Davenport MS**, Chinnugounder S, Schopp JG, Kani K, Zaidi S, Hippe DS, Paladin AM, Lalwani N, Bhargava P, Bush WH. Frequency and type of common mistakes with epinephrine administration and possible solutions: what we learned with high-fidelity simulation testing. Radiological Society of North America (RSNA), 12/2013.
12. Moore A (*mentored resident*), Dickerson EC, Dillman JR, Vummidi D, Kershaw DB, Khalatbari S, **Davenport MS**. Non-confounded post-CT acute kidney injury is rare in hospitalized patients with stable renal function receiving IV iodinated contrast material. Society of Abdominal Radiology 3/2014; Michigan Radiological Society 2014 (Resident section research forum abstract winner).
13. Glazer DI (*mentored resident*), **Davenport MS**, Khalatbari S, Cohan RH, Ellis JH, Caoili EM, Stein EB, Childress JC, Masch WR, Brown JM, Mollard BJ, Montgomery JS, Palapattu GS, Francis IR. Mass-like peripheral zone enhancement on CT is predictive of higher-grade (Gleason 4+3 and higher) prostate cancer.
14. EM, Stein EB, Childress JC, Masch WR, Brown JM, Mollard BJ, Montgomery JS, Palapattu GS, Francis IR. Mass-like peripheral zone enhancement on routine venous-phase CT is predictive of higher-grade (Gleason 4+3 and higher) prostate cancer. Society of Abdominal Radiology 3/2014; Genitourinary Cancer Symposium 1/2014
15. Brown JM (*mentored resident*), Glazer DI, **Davenport MS**. Incidental prostate cancer on routine venous-phase CT: Can (should?) you look for it? Society of Abdominal Radiology 3/2014.
16. Orton LP, Cohan RH, **Davenport MS**, Parker RA, Parameswaran A, Caoili EM, Kaza RK, Francis IR, Ellis JH. Variability in computed tomography diameter measurements of solid renal masses. Society of Abdominal Radiology 3/2014.
17. Feuerlein SF, **Davenport MS**, Merkle EM, Gupta RJ. Computed high b-value DWI in prostate cancer improves lesion contrast and conspicuity. Society of Abdominal Radiology 3/2014.
18. Kunju LP, Palanisamy N, Daignault S, Mehra R, Siddiqui J, Carskadon SL, Twardowski P, Stein MN, Hahn NM, Stadler WM, Jacobson J, **Davenport MS**, Tomlins SA, Chinnaiyan AM, Feng FY, Hussain M. Concordance of ETS fusion status of matched metastatic castration-resistant prostate cancer and primary prostate cancer. Data from NCI 9012, a randomized ETS fusion-stratified phase II trial. ASCO (American Society of Clinical Oncology) Annual Meeting, 5/2014. USCAP (United States and Canadian Academy of Pathology) Annual Meeting, 3/2015.
19. Palmbos PL, Feng FY, Tomlins SA, Kelly WK, Morgans AK, Taplin ME, Agarwal N, Antonarakis ES, Twardowski P, Jacobson J, **Davenport MS**, Daignault S, Knudsen KE, Hussain M. A randomized phase II study of androgen deprivation therapy with or without PD0332991 in RB-positive metastatic hormone-sensitive prostate cancer. ASCO (American Society of Clinical Oncology) Annual Meeting 5/2015.

20. Stein EB, Liu PS, Kazerooni EA, Barber KA, Michigan Radiology Quality Collaborative, **Davenport MS**. Reducing variability in orthogonal reformat image quality from long z-axis CT angiography studies using multi-vendor 3D post-processing toolkits. SCBTMR Annual Meeting 10/2015.
21. Stein EB, Liu PS, **Davenport MS**, Barber K, Kazerooni EA. Reducing variability in orthogonal reformat image quality from long z-axis CT angiography studies using multi-vendor 3D post-processing toolkits. RSNA Annual Meeting 11/2015.
22. Mervak BM (*mentored resident*), **Davenport MS**, Flynt K, Kazerooni EA, Weadock WJ. Improving radiology customer service: patient inquiries on the patient portal. SCBTMR Annual Meeting 10/2015. RSNA Annual Meeting 11/2015.
23. Carter MJ, Wasnik AP, **Davenport MS**, Al-Hawary MM, Udager AM. Radiologic-pathologic correlation of small bowel masses: what clinicians want to know! RSNA Annual Meeting 11/2015.
24. Dickerson EC (*mentored resident*), Alam HB, Brown RK, Stojanovska J, **Davenport MS**. Direct, in-person communication between subspecialty radiologists and acute care surgeons leads to significant alterations in clinical and surgical decision-making. RSNA Annual Meeting 11/2015; Macy Midwest GME Conference 5/23/2016
25. Flynt K, Alves TI, **Davenport MS**, Kazerooni KA, Bailey JE. Restructuring radiology resident morbidity and mortality conference: a new approach to promote patient safety through creation of a just culture. RSNA Annual Meeting 11/2015.
26. Hu EM (*mentored resident*), Silverman SG, Smith AD, Chandarana H, Hafez K, Palapattu G, Wolf JS, SAR DFP on RCC, **Davenport MS**. Reporting standards for indeterminate renal masses on CT on MRI: a national survey of academic radiologists and urologists. American Urological Association 2016 Annual Meeting 5/2016
27. Parikh K (*mentored resident*), **Davenport MS**, Viglianti BL, Brown RKJ. Cost savings analysis of renal scintigraphy by serum creatinine threshold: MAG-3 vs. DTPA. Macy Midwest GME Conference 5/23/2016
28. Pang Y, Malyarenko DI, **Davenport MS**, Hussain HK, Chenevert TL. Quantitative analysis of arterial phase transient respiratory motions induced by two contrast agents for dynamic liver MR imaging. ISMRM 2016.
29. Wang I (*mentored resident*), **Davenport MS**, Kazerooni EA. Imaging trends in acute venous thromboembolic disease: 2000-2015. SCBTMR Annual Meeting 9/2016.
30. Hu EM (*mentored resident*), **Davenport MS**. Use of LI-RADS 2014 and OPTN scoring systems: pearls and pitfalls. SCBTMR Annual Meeting 9/2016.

31. Mervak BM (*mentored resident*), Cohan RH, Ellis JH, **Davenport MS**. Breakthrough reaction rates in high-risk patients receiving accelerated corticosteroid premedication before contrast-enhanced CT. SCBTMR Annual Meeting 9/2016.
32. Gu E (*mentored resident*), Mendiratta-Lala M, **Davenport MS**. Normal MR imaging appearance of HCC successfully treated with SBRT. SCBTMR Annual Meeting 9/2016.
33. Mervak BM (*mentored resident*), **Davenport MS**. Genitourinary case of the day: acute cortical necrosis. RSNA Annual Meeting 11/2016
34. Neal CH, Houck GE, Noroozian M, Kazerooni EA, **Davenport MS**. Improving breast MRI wait times: a model for transitioning newly implemented diagnostic imaging procedures into routine clinical operation. RSNA Annual Meeting 11/2016
35. Childress JC (*mentored fellow*), Burch D, Kazerooni EA, **Davenport MS**. Bacterial contamination of CT equipment: use of ATP detection and culture results to target quality improvement. RSNA Annual Meeting 11/2016
36. Wang I (*mentored resident*), **Davenport MS**, Kazerooni EA. Imaging trends in acute venous thromboembolic disease: 2000-2015. RSNA Annual Meeting 11/2016
37. Curci N, **Davenport MS**, Caoili EM. A practical guide to percutaneous renal mass biopsy. ARRS Annual Meeting 2017.
38. Friedman J, Udager AM, Curci N, Ellimoottil C, Mehra R, Tomlins SA, Montgomery JS, Wei J, **Davenport MS**, Wu A, Kunju LP. The United States and Canadian Academy of Pathology (USCAP) Annual Meeting 2017.
39. Parikh K (*mentored fellow*)R, **Davenport MS**. Net revenue analysis of inpatient and emergency department thyroid ultrasound at a quaternary care center from 2012-2015. Nordic Congress of Radiology Annual Meeting 2017.
40. Parikh K (*mentored fellow*), Barkman S, **Davenport MS**. Capital equipment procurement process at a quaternary academic center: a resident's perspective. European College of Radiology, Annual Meeting 2017.
41. Higgins E, Fox G, Caoili EM, **Davenport MS**. "Yield of routine image-guided biopsy of renal mass thermal ablation beds: 11-year experience". Society of Abdominal Radiology Annual Meeting 2017.
42. Friedman J, Udager AM, Curci NE, Ellimoottil C, Mehra R, Tomlins S, Montgomery JS, Wei J, **Davenport MS**, Wu A, Kunju LP. "Clinicopathologic characteristics of patients with high-risk (PI-RADS 5) lesions by multiparametric prostate magnetic resonance imaging". Society of Abdominal Radiology Annual Meeting 2017.
43. Otemuyiwa B (*mentored medical student*), Derstine BA, Zhang P, Wong SL, Sabel MS,

- Redman BG, Wang SC, Alva AS, **Davenport MS**. “Dorsal muscle attenuation may predict failure to respond to interleukin-2 therapy in metastatic renal cell carcinoma. Society of Abdominal Radiology Annual Meeting 2017.
44. Shampain KL (*mentored resident*), Cohan RH, Francis IR, **Davenport MS**, Swartz R. “Imaging appearance of retroperitoneal fibrosis: frequency of atypical manifestations and predicting the need for biopsy”. Society of Abdominal Radiology Annual Meeting 2017.
 45. Bhatti Z (*mentored resident*), Brown KJ, **Davenport MS**. Communicating radiology results: are our phone calls excessive? American College of Radiology Annual Meeting 2017.
 46. Gu E (*mentored resident*), Mendiratta-Lala M, Shankar P, Masch WM, **Davenport MS**. Imaging-based response criteria and treatment efficacy rate of HCC treated with SBRT in the cirrhotic liver. SCBTMR 2017 (power poster selection).
 47. Zhang A (*mentored resident*), Hu EM, Silverman SG, Shinagare AB, Chandarana H, Pedrosa I, Remer EM, Wang ZJ, **Davenport MS**. Contents of CT and MRI reports characterizing a renal mass: a multi-institutional analysis with comparison to results of a national survey. SCBTMR 2017 (power poster selection).
 48. Curci NE, Gartland P, Shankar PR, Montgomery JS, **Davenport MS**. Long-distance longitudinal prostate MRI quality assurance: from startup to 12 months. SCBTMR 2017.
 49. Woolen S (*mentored resident*), Kazerooni EA, Wall A, Parent K, Cahalan S, Almeddine M, **Davenport MS**. Waiting for radiology test results: patient expectations and emotional disutility. SCBTMR 2017 (power poster selection).
 50. Taxakis EP (*mentored resident*), Gaetke-Udager K, Parmar HA, Davenport MS. Effect of formal MRI foreign body clearance training on radiology resident knowledge. Association of University Radiologists Annual Meeting 2018.
 51. Kaiser A (*mentored resident*), Brown RK, **Davenport MS**, Greenspan BS, Frey KA. Nationwide assessment of nuclear medicine practices regarding diabetic management prior to FDG-PET CT for oncologic indications: from the patient’s point-of-view. RSNA Annual Meeting 2017.
 52. Woolen SA (*mentored resident*), Kazerooni EA, Wall A, Parent K, Cahalan S, Almeddine M, **Davenport MS**. Optimizing automatic electronic release of imaging results through an online patient portal: a discrete choice conjoint experiment. RSNA Annual Meeting 2017.
 53. Bhatti ZS (*mentored resident*), Mervak BM, **Davenport MS**. Breakthrough reactions to gadobenate dimeglumine. Society of Abdominal Radiology Annual Meeting 2018.
 54. Bhatti Z (*mentored resident*), Brown KJ, **Davenport MS**. Communicating radiology results: are our phone calls excessive? Society of Abdominal Radiology Annual Meeting

2018.

55. Heckman KM (*mentored medical student*), Otemuyiwa B (*mentored medical student*), Chenevert TL, Malyarenko D, Derstine B, Wang S, **Davenport MS**. Validation of a DIXON-based fat quantification technique for the measurement of visceral fat. Society of Abdominal Radiology Annual Meeting 2018.
56. Kaiser A (*mentored resident*), **Davenport MS**, Hafez KS, Alva A, Bailey JJ, Francis IR. Utility of pelvic CT for surveillance of T2-T4 renal cell carcinoma following nephrectomy with curative intent. Society of Abdominal Radiology Annual Meeting 2018.
57. Centonze CP (*mentored resident*), **Davenport MS**, Wu A, Kazerooni EA. Prevalence of pneumothorax following right heart catheterization: is routine post-procedure chest radiography indicated? High Value Practice Academic Alliance, Annual Meeting 2018.
58. Centonze CP (*mentored resident*), **Davenport MS**, Wu A, Kazerooni EA. Prevalence of pneumothorax following right heart catheterization: is routine post-procedure chest radiography indicated? Radiological Society of North America, Annual Meeting 2018.
59. Shankar PR, Heilbrun ME, Parikh K, Flake A, Herbstman E, Hoffman T, Sweeny B, Havey R, Kronick S, **Davenport MS**. Financial implications of oral contrast administration prior to abdominopelvic CT for non-traumatic abdominal pain in the emergency department: a time-driven activity-based costing analysis. Radiological Society of North America, Annual Meeting 2018.
60. Moorman S (*mentored resident*), Shankar PR, Kochkodan J, Brown RKJ, **Davenport MS**. Bacterial activity on shared equipment in the radiology reading room and impact of intermittent cleaning. American Roentgen Ray Society 2019.
61. Woolen S (*mentored resident*), Pujara A, Lewin A, Shankar PS, Melsaether A, Nettles A, Piccoli L, **Davenport MS**. Patient preferences for properties of gadolinium-based contrast media in the setting of screening MRI. Society of Abdominal Radiology 2019.
62. Sakala MD, Cohan RH, **Davenport MS**, Ellis JH. Premedication for contrast media. Society of Abdominal Radiology 2020.
63. Corwin MT, Fananapazir G, Altinmakas E, Boge M, Patel NU, Markese M, Taylor E, Asch D, Abou Elkassem AM, Smith AD, Schieda N, McInnes M, Lee S, Kampalath R, Remer E, Sweet D, Ghandi D, Rosasco S, Gaballah A, Ebada M, Fetzer D, Cuci NE, **Davenport MS**. Risk of malignancy in incidental homogeneous renal masses 21-39 Hounsfield Units and ≥ 10 mm at portal venous-phase CT: a multi-institutional retrospective cohort study. Society of Abdominal Radiology 2020.
64. Coelho FMA, Krishna S, Shinagare AB, Beraldo GL, Curci NE, De Paula RSO, Edney E, Hindman NM, Schieda N, **Davenport MS**, Silverman SG, Baroni RH. Implementing Bosniak v2019: challenges and practical tips. Radiological Society of North America 2020.

65. DuBois B, Brown RKJ, Buckwalter K, **Davenport MS**. Pictures worth a thousand words: creating a roadmap to image-guided procedures for referring clinicians. Radiological Society of North America 2020.
66. Ananthakrishnan L, Parrott DS, Mielke N, Xi Y, **Davenport MS**. Fidelity of documentation for hypersensitivity reactions to iodinated contrast media. Radiological Society of North America 2020.
67. Koebe S, Curci NE, Triche BL, Abel EJ, Dreyfuss LD, Allen GO, Caoili EM, **Davenport MS**, Wells SA. Percutaneous ablation of T1a renal cell carcinoma: optimizing oncologic efficiency. Society of Abdominal Radiology 2021.