

# CURRICULUM VITAE

## David T. Fetzer, M.D.

### PERSONAL INFORMATION

**Name:** David T. Fetzer, M.D.  
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### EDUCATION

<u>Year</u>	<u>Degree</u>	<u>Field of Study</u>	<u>Institution</u>
2004	BS	Imaging Science	Rochester Institute of Technology, Rochester, NY
2008	MD	Medicine	University of Texas Medical School, Houston, TX

### POSTDOCTORAL TRAINING

<u>Year(s)</u>	<u>Titles</u>	<u>Specialty/Discipline</u>	<u>Institution</u>
2008-2009	Residency	Transitional Residency	University of Texas Houston Health Science Center, Houston, TX
2009-2013	Residency	Diagnostic Radiology	University of Pittsburgh Medical Center, Pittsburgh, PA
2013-2014	Fellowship	Abdominal Imaging	University of Pittsburgh Medical Center, Pittsburgh, PA

### FACULTY ACADEMIC APPOINTMENTS

<u>Year(s)</u>	<u>Academic Title</u>	<u>Academic Department</u>	<u>Academic Institution</u>
2014-2014	Adjunct Faculty	Radiology, Division of Emergency and Teleradiology	University of Pittsburgh School of Medicine, Pittsburgh, PA
2014-2015	Adjunct Faculty	Radiology Adjunct Research Faculty	University of Pittsburgh School of Medicine, Pittsburgh, PA
2014-now	Assistant Professor	Radiology, Division of Abdominal Radiology	University of Texas Southwestern Medical School, Dallas, TX

### CURRENT LICENSURE AND CERTIFICATION

**License Number** Q1145/Texas  
**License Expiration** 8/31/2021  
**Primary Spec** Diagnostic Radiology  
**Boards** Yes  
**Initial Cert** 2014                      **Re-cert**

### HONORS AND AWARDS

<u>Year</u>	<u>Name of Honor/Award</u>	<u>Awarding Organization</u>
2005	NIH Summer Research Program Invited participant	University of Texas Health Science Center at Houston
2006	Memorial Award for Research in Radiology	Association of University Radiologists
2008	Certificate in Medical Humanities	University of Texas Health Science Center at Houston Medical School, John P. McGovern, M.D. Center for Health, Humanities, and the Human Spirit
2011	Cum Laude Educational Exhibit Award	Radiological Society of North America
2011	Best Case in Gastrointestinal Imaging	American Institute of Radiologic Pathology
2011	Introduction to Academic Radiology Program Invited participant	Radiological Society of North America/Association of University Radiologists/American Roentgen Ray Society

2012	Roentgen Resident/Fellow Research Award	Radiological Society of North America Research and Education Foundation
2013	Roentgen Resident/Fellow Research Award	Radiological Society of North America Research and Education Foundation
2015	Resident Conference of the Month-January	UT Southwestern Medical Center
2015	Innovation Award	Society of Computed Body Tomography & Magnetic Resonance
2015	Certificate of Merit	Radiological Society of North America
2015	Completion of Competitive Grant Proposal Workshop	Radiological Society of North America
2015	Distinguished Reviewer for Abdominal Radiology	Journal of Abdominal Radiology
2016	Resident Conference of the Month-March	UT Southwestern Medical Center
2016	Clinical Trials Methodology Workshop	Radiological Society of North America
2016	Top Scored Poster	International Liver Cancer Association
2017	Distinguished Reviewer for Abdominal Radiology	Journal of Abdominal Radiology
2018	Distinguished Reviewer for Abdominal Radiology	Journal of Abdominal Radiology
2018	Resident Conference of The Month- January	UT Southwestern Medical Center
2018	Certificate of Merit	American Roentgen Ray Society
2018	Certificate of Merit	American Roentgen Ray Society
2018	Certificate of Merit	Radiological Society of North America
2019	Leaders in Clinical Excellence, Rising Star Award	UT Southwestern Medical Center
2020	Fellow	American Institute of Ultrasound in Medicine
2020	Distinguished Reviewer for Abdominal Radiology	Society of Abdominal Radiology
2021	Radiology Editor's Award with Special Distinction	Radiological Society of North America
2021	Certificate of Appreciation, Case of the Day RSNA 2021	Radiological Society of North America

#### **APPOINTMENTS AT HOSPITALS AND AFFILIATED INSTITUTIONS**

<u>Year(s)</u>	<u>Hospital Position</u>	<u>Hospital Dept/Division</u>	<u>Hospital Institution</u>
2013-2014	Clinical Instructor	Department of Radiology, Division of Abdominal Imaging	UPMC University of Pittsburgh Physicians & University of Pittsburgh School of Medicine
2014-2014	Attending Physician	Radiology	St. Paul University Hospital, Dallas, TX
2014-now	Attending Physician	Radiology	Clements University Hospital, Dallas, TX
2014-now	Attending Physician	Radiology	Zale Lipshy University Hospital, Dallas, TX
2014-now	Attending Physician	Radiology	Parkland Health and Hospital System, Dallas, TX

#### **OTHER PROFESSIONAL POSITIONS**

<u>Year(s)</u>	<u>Position Title</u>	<u>Institution</u>
2002-2002	Technologist Assistant	South Texas Radiology Imaging Centers, Southwest Imaging Center
2003-2004	Undergraduate Researcher	Rochester Institute of Technology Chester F. Carlson Center for Imaging Science, Biomedical Imaging Lab
2005-2006	Medical Student Researcher	Department of Diagnostic and Interventional Imaging, University of Texas Health Science Center at Houston Medical School
2005-2005	Gross Anatomy Lab Pedagogue	Department of Neurobiology and Anatomy, University of Texas Health Science Center at Houston Medical School
2009-2014	Resident Researcher	Department of Radiology Imaging Biomarker Lab, University of Pittsburgh School of Medicine
2017-now	Co-Medical Director	El Centro College Diagnostic Medical Sonography Program

2017-now Member

Harold C. Simmons Comprehensive Cancer Center  
Committee, UT Southwestern Medical Center

## MAJOR ADMINISTRATIVE AND LEADERSHIP POSITIONS

<u>Year(s)</u>	<u>Position Title</u>	<u>Institution</u>	<u>Scope</u>
2014-now	Abdominal Imaging Interventional Services Chief	Parkland Health & Hospital System	Hospital
2015-now	Medical Director of Ultrasound, Radiology	Parkland Health & Hospital System	Hospital
2015-now	Medical Director of Ultrasound, Radiology	UT Southwestern Medical Center	Departmental

## COMMITTEE SERVICE

### Departmental

<u>Years</u>	<u>Position Title</u>	<u>Name Of Committee</u>	<u>Institution or Organization</u>
2014-now	Member	Abdominal Imaging Structure Reporting Committee	UT Southwestern Medical Center
2015-2017	Member	Image-Guided Procedure Working Group	UT Southwestern Medical Center
2015-now	Chair	Ultrasound Operations Committee	UT Southwestern Medical Center
2015-now	Member	IR Operations Committee	Parkland Health and Hospital System
2017-now	Chair	US Core Faculty	UT Southwestern Medical Center

### Hospital

<u>Years</u>	<u>Position Title</u>	<u>Name Of Committee</u>	<u>Institution or Organization</u>
2015-now	Medical Director	Ultrasound Operations Committee	Parkland Health and Hospital System
2015-now	Medical Director	Ultrasound Operations Committee	UT Southwestern Medical Center
2015-now	Abdominal Imaging Liaison	Parkland Radiology Physician Extender Supervisory Committee	Parkland Health and Hospital System

### National

<u>Years</u>	<u>Position Title</u>	<u>Name Of Committee</u>	<u>Institution or Organization</u>
2016-now	Member	US LI-RADS Screening and Surveillance Working Group	American College of Radiology
2016-now	Member	Media Committee - "Webpage"	Society of Radiologist in Ultrasound
2016-now	Member	Training and Outreach Committee	Society of Radiologist in Ultrasound
2016-now	Member	Junior Ultrasound Teachers, Innovators, and Collaborators	Society of Radiologist in Ultrasound
2017-now	Member, Co-Chair	CEUS LI-RADS Working Group	American College of Radiology
2018-now	Vice Chair	Elastography Community	American Institute for Ultrasound in Medicine
2018-now	Member	LI-RADS Research and Development Working Group	American College of Radiology
2019-2020	Member	Standard Presentation and Labeling	American Institute of Ultrasound in Medicine
2019-now	Member	SAR RCC DFP	Society of Abdominal Radiology
2019-now	Chair	Liver Fat Quantification Task Force	American Institute of Ultrasound in Medicine
2020-now	Member	Electronic Forum Committee	Society of Radiologists in Ultrasound

2020-now	Member	Pulse-Echo Quantitative Ultrasound Biomarker Committee	American Institute of Ultrasound in Medicine/Quantitative imaging Biomarkers Alliance
2020-now	Voting Member	LI-RADS Steering Committee	American College of Radiology
2020-now	Member	Lexicon LI-RADS Working Group	American College of Radiology
2020-now	Co-Chair	Phantom Working Group, PEQU S Biomarker Committee	American Institute of Ultrasound in Medicine/Quantitative imaging Biomarkers Alliance
2021-now	Member	Program Committee	Society of Radiologists in Ultrasound

## PROFESSIONAL SOCIETIES

<u>Year(s)</u>	<u>Society Name</u>	<u>Society Role</u>
2000-2004	Society for Imaging Science & Technology, Student Chapter	Member
2004-2010	American Medical Association	Member
2009-2014	North American Society for Cardiovascular Imaging	Member
2009-2014	American Society of Emergency Radiology	Member
2009-now	American Roentgen Ray Society	Member
2009-now	Radiological Society of North America	Member
2009-now	American College of Radiology	Member
2013-now	American Institute of Ultrasound in Medicine	Fellow
2014-now	Society of Radiologists in Ultrasound	Fellow
2014-now	Society of Abdominal Radiology	Member
2014-now	Texas Medical Association	Member
2016-now	Society of Advanced Body Imaging (Formerly SCBT-MR)	Member

## EDITORIAL ACTIVITY

### Editor/Associate Editor

<u>Year(s)</u>	<u>Journal Name</u>	<u>Editorial Role</u>
2010-2012	IMAGINE THAT, Radiology Patient Newsletter, University of Pittsburgh	Editor

### Reviewer (All Types)

<u>Year(s)</u>	<u>Journal Name</u>	<u>Editorial Role</u>
2013-now	Abdominal Radiology, Journal of the Society of Abdominal Radiology	Reviewer
2014-2016	PLOS ONE	Reviewer
2014-2016	BioMed Research International	Reviewer
2015-2018	Current Problems in Diagnostic Radiology	Reviewer
2016-2018	Clinical Translational Gastroenterology	Reviewer
2016-now	Journal of Ultrasound in Medicine	Reviewer
2018-now	Academic Radiology	Reviewer
2019-now	Theranostics	Reviewer
2019-now	Radiology	Reviewer

## INVITED LECTURES, TEACHING AND PRESENTATIONS

**National**

<b>Year(s)</b>	<b>Presentation Title or Course Name</b>
2017	Shadows and Mirrors: The Influence of Ultrasound Artifacts on Your Diagnosis, American Osteopathic College of Radiology, Las Vegas, NV. Apr 3, 2017
2017	Ultrasound in Chronic Liver Disease: Screening Protocols and Recent Advances, American Osteopathic College of Radiology, Las Vegas, NV. Apr 3, 2017
2017	Implementing Shear Wave Elastography of the Liver in Large Radiology Practices: Lessons Learned. Society of Abdominal Radiology, Hollywood, FL. Mar 30, 2017
2017	Fetzer DT. CEUS: A Brief Introduction. Invited Lecture. Radiological Society of North America, Chicago, IL. November 2017.
2017	Recent Advances in Chronic Liver Disease Ultrasound: Elastography. Society of Diagnostic Medical Sonography (SDMS), Dallas, TX. Oct 13, 2017.
2018	Image Quality and Color Doppler: Hands-on Experience with New ACUSON. Siemens Sequoia Launch Event. Chihuly Garden and Glass, Seattle WA, Jun 21, 2018
2018	Ultrasound Sunday Case of the Day - Hepatic Adenoma, Radiological Society of North America Annual Meeting, Chicago IL, Nov 25th, 2018
2018	Liver CEUS. CEUS/Elastography Ultrasound Workshop. Society of Radiologists in Ultrasound Annual Meeting, San Diego, CA, Oct 6th, 2018.
2018	ACR US LI-RADS in Clinical Practice: a Multi-Center Experience. American Roentgen Ray Society, Washington, DC, April 24nd, 2018
2018	Liver Elastography: Acquiring Data and Interpreting Results. American Institute of Ultrasound in Medicine Annual Meeting, New York, NY. Mar 27th, 2018
2018	2018 Implementing US LI-RADS for Screening and Surveillance of HCC in Your Practice. Society of Abdominal Radiology Annual Meeting, Scottsdale, AZ. Mar 6, 2018
2018	Ultrasound Elastography: Hands-on Workshop. American Institute of Ultrasound in Medicine Annual Meeting, New York, NY. Mar 27th, 2018
2018	CEUS: A Brief Overview. Radiological Society of North America, Emerging Technologies: Contrast-Enhanced Ultrasound. Chicago IL, Nov 25th, 2018
2019	Updates in Liver Elastography, Speaker, American Institution of Ultrasound in Medicine (AIUM) Annual Convention, Orlando FL, April 8th, 2019
2019	Advances in Liver Ultrasound, Moderator, American Institution of Ultrasound in Medicine (AIUM) Annual Convention, Orlando FL, April 7th, 2019
2019	CEUS: Practice Building, Research and Technical Pitfalls. Society of Abdominal Radiology Annual Meeting, Orlando, FL. Mar, 2019
2019	Hands-on Learning Lab: Elastography, Moderator, American Institution of Ultrasound in Medicine (AIUM) Annual Convention, Orlando FL, April 7th, 2019
2019	How to Start Elastography in Your Practice, Speaker, American Institution of Ultrasound in Medicine (AIUM) Annual Convention, Orlando FL, April 8th, 2019
2019	Implementing US LI-RADS for Screening and Surveillance of HCC in Your Practice. Society of Abdominal Radiology Annual Meeting, Orlando, FL. Mar, 2019
2019	Jeopardy Case Challenge, Society of Radiologists in Ultrasound Annual Meeting, Denver, CO. Oct 3rd, 2019
2019	Metabolic Syndrome and Liver Fat Quantification, Society of Radiologists in Ultrasound Annual Meeting, Denver, CO. Oct 3rd, 2019
2019	US LI-RADS and HCC Screening, Society of Radiologists in Ultrasound Annual Meeting, Denver, CO. Oct 4th, 2019
2019	Hands-on Learning Lab: Elastography, Speaker, American Institution of Ultrasound in Medicine (AIUM) Annual Convention, Orlando FL, April 7th, 2019
2019	Incorporating Ultrasound LI-RADS for HCC Screening and Surveillance into Clinical Practice, American Roentgen Ray Society Annual Meeting, Waikiki, HI, Monday, May 6th, 2019
2020	Using TI-RADS to Improve Performance, Optimizing Technique and Reporting Categorical Course, ARRS (Online), May 21st, 2020

- 2020 HCC Surveillance Programs - Setting Guidelines and Minimum Expectations, Society of Radiologists in Ultrasound (SRU) Annual Meeting (Virtual), Oct 22th, 2020
- 2020 SONOpardy Game Show, Host, Society of Radiologists in Ultrasound (SRU) Annual Meeting (Virtual), Oct 22nd, 2020
- 2020 US for HCC: From Screening to Contrast-Enhanced Characterization, Society of Advanced Body Imaging (SABI) Annual Meeting (Virtual), Oct 12th, 2020
- 2020 Liver Contrast Enhanced Ultrasound: Pearls and Pitfalls, Education Course "Contrast-enhanced Ultrasound: How, Why and When?", Invited Lecture. Radiological Society of North America, On Demand (Online), Radiological Society of North America (Virtual Meeting), Nov 29th – Dec 5th.
- 2020 Ultrasound for Chronic Liver Disease and HCC Screening & Surveillance (US LI-RADS), Los Angeles Radiological Society (LARS) Virtual Conference, Aug 2nd, 2020.
- 2020 Contrast-Enhanced Ultrasound Outside of the Liver: Cases! Los Angeles Radiological Society (LARS) Virtual Conference, Aug 2nd, 2020.
- 2020 Ultrasound Elastography: Where do we stand? Los Angeles Radiological Society (LARS) Virtual Conference, Aug 1st, 2020.
- 2020 Contrast-Enhanced Ultrasound of the Liver, Liver Imaging Online Webinar Course, LI-RADS, May 8th, 2020
- 2020 How to Choose an Ultrasound Machine: Lessons Learned the Hard Way, Society of Radiologists in Ultrasound (SRU) Annual Meeting (Virtual), Oct 25th, 2020
- 2020 CEUS for Renal Masses: Logistics and Building a Practice. Workshop presentation, SAR 2020 Annual Scientific Meeting and Educational Course, March 3, 2020, Maui, Hawaii.
- 2020 Don't Just Blow Bubbles! CEUS: How to Start, and How to Blow Away Your Friends. Workshop presentation, SAR 2020 Annual Scientific Meeting and Educational Course, March 3, 2020, Maui, Hawaii.
- 2020 Contrast-Enhanced Ultrasound for HCC Diagnosis (CEUS LI-RADS), Los Angeles Radiological Society (LARS) Virtual Conference, Aug 2nd, 2020.

## **Regional**

### **Year(s)    Presentation Title or Course Name**

- 2012 Humanism and the Medical Image, Pennsylvania Society of Radiology Technologists Lecture. Apr 13, 2012
- 2017 Ultrasound in Chronic Liver Disease: Recent Advances in Image Quality & New Tools, An Evening with Philips Ultrasound. Westin Hotel, Pittsburgh, PA. May 11, 2017
- 2017 Recent Advances in Chronic Liver Disease Ultrasound: LI-RADS, Elastography, and Contrast, An Evening with Philips Ultrasound. Hyatt Regency, San Diego, CA. Nov 2, 2017
- 2018 Hands-On Workshop, Ultrasound Subspecialty Track, MD Anderson Cancer Center Cancer Imaging and Intervention Conference, Houston, TX, April 7th, 2018
- 2018 Contrast US of Liver, Ultrasound Subspecialty Track, MD Anderson Cancer Center Cancer Imaging and Intervention Conference, Houston, TX, April 6th, 2018
- 2018 Liver Cancer Screening, Plenary Session, MD Anderson Cancer Center Cancer Imaging and Intervention Conference, Houston, TX, April 5th, 2018
- 2018 Liver Elastography, Ultrasound Subspecialty Track, MD Anderson Cancer Center Cancer Imaging and Intervention Conference, Houston, TX, April 6th, 2018
- 2018 How to Set Up a Contrast US Service, Ultrasound Subspecialty Track, MD Anderson Cancer Center Cancer Imaging and Intervention Conference, Houston, TX, April 6th, 2018
- 2018 Advanced Applications: Ultrasound in Chronic Liver Disease. Siemens Ultrasound Roadshow. Magnolia Park Cities Hotel, Dallas, TX. Aug 8th, 2018
- 2018 Ultrasound in Chronic Liver Disease: Recent Advances in Image Quality & New Tools. An Evening with Philips Ultrasound. Raleigh, NC. May 17, 2018

## **Local**

### **Year(s)    Presentation Title or Course Name**

- 2011 Advanced In Vivo Imaging of Chronic Liver Disease, Scientific Presentation, University of Pittsburgh School of Medicine. Dec 19, 2011

- 2014 Medical Imaging Sciences - Bridging the Gap Between Lab and Life Saving. Lecture, Graduate Student Research Seminar, Rochester Institute of Technology. Feb 4, 2014
- 2014 Spin-Lock MRI: Applications in Quantitative In Vivo Imaging, University of Pittsburgh MR Research Centers Physics Seminar. Jul 23, 2014
- 2017 Contrast-Enhanced Ultrasound: A Case-Based Introduction, Resident Lecture, University of Pittsburgh Medical Center, Pittsburgh, PA. May 11, 2017
- 2017 The Right Scan From Head to Toe. Ultrasound: An Old Dog with New Tricks. Grapevine, TX. May 2, 2017
- 2018 Recent Advances in Chronic Liver Disease: US LI-RADS, Elastography and Contrast. Bothell, WA. Feb 19, 2018
- 2018 Complex Renal Masses: Utility of Contrast-Enhanced Ultrasound, Urology Grand Rounds. Dallas, TX. Feb 28, 2018
- 2019 Advanced Liver Ultrasound: "Elastography and CEUS", SONO-ED CME Event, El Centro College Diagnostic Medical Sonography Program
- 2020 Advances in Liver Ultrasound: Imaging and Intervention. Mayo Clinic, Phoenix AZ. Jan 30th, 2020.
- 2021 Liver Ultrasound and HCC: From Screening to Diagnosis, Oklahoma University Health Science Center, Visiting Professor, Resident Lecture, Jan 21st, 2021.

## BIBLIOGRAPHY OF SCHOLARLY PUBLICATIONS

### Original Research Article

- 1 Fetzer DT, Green C, West OC. Mathematical Modeling Improves Computed Tomography Diagnosis Of Traumatic Aortic Injury. *Acad Radiol*. 2006 Oct;13(10):1244-53. PMID: 16979074
- 2 Fetzer DT, West OC. The HIPAA Privacy Rule and Protected Health Information: Implications in Research Involving DICOM Image Databases. *Acad Radiol*. 2008 Mar;15(3):390-5. PMID: 18280936
- 3 Roth ES, Fetzer DT, Barron BJ, Joseph UA, Gayed IW, Wan DQ. Does colon cancer ever metastasize to bone first? A temporal analysis of colorectal cancer progression. *BMC Cancer*. 2009 Aug 7;9:274. PMID: 19664211
- 4 Fetzer DT, Furlan A, Wang JH, Kantartzis S, Sholosh B, Bae KT. Computed tomographic cholangiography in living liver transplant donors: factors determining the degree of contrast enhancement. *J Comput Assist Tomogr*. 2011 Nov-Dec;35(6):716-22. PMID: 22082542
- 5 Furlan A, Aghayev A, Chang CC, Patil A, Jeon KN, Park B, Fetzer DT, Saul M, Roberts MS, Bae KT. Short-Term Mortality in Acute Pulmonary Embolism: Clot Burden and Signs of Right Heart Dysfunction at CT Pulmonary Angiography. *Radiology*. 2012 Oct;265(1):283-93. PMID: 22993221
- 6 Knollmann FD, Kumthekar R, Fetzer DT, Socinski MA. Assessing response to treatment in non--small-cell lung cancer: role of tumor volume evaluated by computed tomography. *Clin Lung Cancer*. 2014 Mar;15(2):103-9. Epub 2013 Nov 13. PMID: 24361250
- 7 Bergerson JT, Lee JG, Furlan A, Sourianarayanan A, Fetzer DT, Tevar AD, Landsittel DP, DiMartini AF, Dunn MA. Liver transplantation arrests and reverses muscle wasting. *Clin Transplant*. 2015 Mar;29(3):216-21. Epub 2015 Jan 27. PMID: 25557648
- 8 Fetzer DT, Rees MA, Dasyam AK, Tublin ME. Hepatic sarcoidosis in patients presenting with liver dysfunction: imaging appearance, pathological correlation and disease evolution. *Eur Radiol*. 2016 Sep;26(9):3129-37. Epub 2016 Jan 16. PMID: 26780641
- 9 Sinelnikov A, Qu C, Fetzer DT, Pelletier JS, Dunn MA, Tsung A, Furlan A. Measurement of skeletal muscle area: Comparison of CT and MR imaging. *Eur J Radiol*. 2016 Oct;85(10):1716-1721. Epub 2016 Jul 16. PMID: 27666607
- 10 Simmons O, Fetzer DT, Yokoo T, Marrero JA, Yopp A, Kono Y, Parikh ND, Browning T, Singal AG. Predictors of adequate ultrasound quality for hepatocellular carcinoma surveillance in patients with cirrhosis. *Aliment Pharmacol Ther*. 2017 Jan;45(1):169-177. Epub 2016 Nov 8. PMID: 27862091
- 11 Gleason A, Bishop K, Xi Y, Fetzer DT. Isolated Right-Sided Varicocele: Is Further Workup Necessary? *Am J Roentgenol*. 2019 Feb;212:1-6. PMID: 30779666. DOI: 10.2214/AJR.18.20077
- 12 Venkataraman V, Browning T, Pedrosa I, Abbara S, Fetzer DT, Toomay S, Peshock RM. Implementing Shared, Standardized Imaging Protocols to Improve Cross-Enterprise Workflow and Quality. 2019 Oct;32(5):880-887. PMID: 30756266 doi: 10.1007/s10278-019-00185-4.
- 13 Malone CD, Fetzer DT, Lux J, Mattrey RF. Catalase-Containing Silica Particles as Ultrasound-Based Hydrogen Peroxide Sensors to Determine Infected From Noninfected Fluid Collections in Humans. *AJR Am J Roentgenol*. 2019 Mar 12;W1-W8. doi: 10.2214/AJR.18.20779.

- 14 Pacicco T, Ratner S, Xi Y, Yokoo T, Fetzer D, Oz OK, Rubin CD, Chhabra A. Pelvic muscle size and myosteatosis: Relationship with age, gender, and obesity. *Indian J Radiol Imaging*. 2019 Apr-Jun;29(2):155-162. doi: 10.4103/ijri.IJRI\_414\_18. PMID: 31367086
- 15 Khatri G, Pedrosa I, Ananthkrishnan L, Diaz de Leon A, Fetzer DT, Leyendecker J, Singal AG, Xi Y, Yopp A, Yokoo T. Abbreviated-Protocol Screening MRI vs. Complete-Protocol Diagnostic MRI for Detection of Hepatocellular Carcinoma in Patients With Cirrhosis: An Equivalence Study Using LI-RADS v2018. *J Magn Reson Imaging* 2019. DOI: 10.1002/jmri.26835
- 16 Yokoo T, Singal AG, Diaz de Leon A, Ananthkrishnan L, Fetzer DT, Pedrosa I, Khatri G. Prevalence and clinical significance of discordant LI-RADS((R)) observations on multiphase contrast-enhanced MRI in patients with cirrhosis. *Abdom Radiol (NY)*. 2019 Jul 24. PMID: 31342103.
- 17 Fetzer DT, Flanagan J, Nabhan A, Pongsatiawong K, Antonelli J, Pearle M, Vijay K, Watumull L. Impact of Implementing Contrast-Enhanced Ultrasound for Antegrade Nephrostogram After Percutaneous Nephrolithotomy. *J Ultrasound in Medicine*. July 8, 2020. <https://doi.org/10.1002/jum.15380>
- 18 Corwin MT, Altinmakas E, Asch D, Bishop KA, Boge M, Curci NE, Ebada M, Elkassem AA, Fananapazir G, Fetzer DT, et al. 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. *American Journal of Roentgenology*: Online Aug 2020. 10.2214/AJR.20.24245

### Review, Chapter, Monograph or Editorial

- 1 Delfyett WT, Fetzer DT. Imaging of Neurologic Conditions During Pregnancy and the Perinatal Period. *Neurol Clin*. 2012 Aug;30(3):791-822. Review. PMID: 22840790
- 2 Reynolds AR, Furlan A, Fetzer DT, Sasatomi E, Borhani AA, Heller MT, Tublin ME. Infiltrative hepatocellular carcinoma: what radiologists need to know. *Radiographics*. 2015 Mar-Apr;35(2):371-86. PMID: 25763723
- 3 Malone CD, Mattrey RF, Fetzer DT. Contrast-Enhanced Ultrasound (CEUS) for the Diagnosis and Management of Hepatocellular Carcinoma: Current Status and Future Trends. *Curr Hepatology Reports*. 2016 Dec;15(4):307-316. doi:10.1007/s11901-016-0324-8 (ONLINE)
- 4 Morgan TA, Maturen KE, Dahiya N, Sun MRM, Kamaya A, American College of Radiology Ultrasound Liver Imaging and Reporting Data System (US LI-RADS) Working Group. US LI-RADS: ultrasound liver imaging reporting and data system for screening and surveillance of hepatocellular carcinoma. *Abdom Radiol (NY)*. 2018 Jan;43(1):41-55. PMID: 28936543. doi: 10.1007/s00261-017-1317-y.
- 5 Fetzer DT, Rodgers SK, Harris AC, Kono Y, Wasnik AP, Kamaya A, Sirlin C. Screening and Surveillance of Hepatocellular Carcinoma: An Introduction to Ultrasound Liver Imaging Reporting and Data System. *Radiol Clin North Am*. 2017 Nov;55(6):1197-1209. Review. PMID: 28991560
- 6 Fetzer DT, Rafailidis V, Peterson C, Grant EG, Sidhu P, Barr RG. Artifacts in Contrast-Enhanced Ultrasound: a Pictorial Essay. *Abdom Radiol (NY)*. 2018 Apr;43(4):977-997. PMID: 29198008. doi: 10.1007/s00261-017-1417-8.
- 7 Ranganath PG, Robbin ML, Back SJ, Grant EG, Fetzer DT. Practical advantages of contrast-enhanced ultrasound in abdominopelvic radiology. *Abdominal Radiology (NY)*. 2018 Jan 13. PMID: 29332247 <https://doi.org/10.1007/s00261-017-1442-7>
- 8 Fetzer DT, Rodgers SK, Seow JH, Dawkins AA, Joshi G, Gabriel H, Kamaya A. Ultrasound Evaluation in Patients at Risk for Hepatocellular Carcinoma. *Radiol Clin North Am*. 2019 May;57(3):563-583. PMID: 30928078.
- 9 Elsayes KM, Kielar AZ, Chernyak V, Morshid A, Furlan A, Masch WR, Marks RM, Kamaya A, Do RKG, Kono Y, Fowler KJ, Tang A, Bashir MR, Hecht EM, Jambhekar K, Lyshchik A, Rodgers SK, Heiken JP, Kohli M, Fetzer DT, Wilson SR, Kassam Z, Mendiratta-Lala M, Singal AG, Lim CS, Cruite I, Lee J, Ash R, Mitchell DG, McInnes MDF, Sirlin CB. LI-RADS: a conceptual and historical review from its beginning to its recent integration into AASLD clinical practice guidance. *J Hepatocell Carcinoma*. 2019 Feb 2019;6:49-69. DOI <https://doi.org/10.2147/JHC.S186239>
- 10 Fetzer, DT. "CEUS Technique: Artifacts." *Specialty Imaging: Fundamentals in Contrast-Enhanced Ultrasound*. 1st Ed. Lyshchik A. Elsevier, 2019. Print.
- 11 Rodgers SK, Fetzer DT, Gabriel H, Seow JH, Choi HH, Maturen KE, Wasnik AP, Morgan TA, Dahiya N, O'Boyle MK, Kono Y, Sirlin CB, Kamaya A. Role of US LI-RADS in the LI-RADS Algorithm. *RadioGraphics*. 2019;39(3):690-708. Impact Factor: 3.249. PMID: 31059393. doi: 10.1148/rg.2019180158.
- 12 Burrowes DP, Choi HH, Rodgers SK, Fetzer DT, Kamaya A. Utility of ultrasound in acute pancreatitis. *Abdom Radiol (2019)*. Online 16 December 2019. <https://doi.org/10.1007/s00261-019-02364-x>
- 13 Fetzer DT. Polycystic Liver Disease. Chapter 30. Corinne Deurdulian, Mark Lockhart(ed). *Clinical Ultrasound: A Case-Based Approach*. 2020. Jaypee Brothers Medical Publishers (P) Ltd. 978-93-86056-92-4



- 14 England JR, Fetzer TF, Deurdulian C. Chapter 60. Corinne Deurdulian, Mark Lockhart(ed). Clinical Ultrasound: A Case-Based Approach. 2020. Jaypee Brothers Medical Publishers (P) Ltd. 978-93-86056-92-4
- 15 Fetzer DT. Bladder Outlet Obstruction. Chapter 73. Corinne Deurdulian, Mark Lockhart(ed). Clinical Ultrasound: A Case-Based Approach. 2020. Jaypee Brothers Medical Publishers (P) Ltd. 978-93-86056-92-4
- 16 Gleason A, Fetzer DT. Right-Sided Varicocele. Chapter 103. Corinne Deurdulian, Mark Lockhart(ed). Clinical Ultrasound: A Case-Based Approach. 2020. Jaypee Brothers Medical Publishers (P) Ltd. 978-93-86056-92-4
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- 21 Fetzer DT. Recent Advances in US Vascular Imaging: Highlighting an Important Use Case. *Radiology*. 2020 Oct 27;203830. doi: 10.1148/radiol.2020203830. PMID 33112714.

### Case Report

- 1 Fetzer DT, Ocak I. "Cystic Fibrosis and Bronchiectasis." American College of Radiology, Case-in-Point, April 13, 2011. Online.
- 2 Fetzer DT, Strollo D. "Silicosis and Progressive Massive Fibrosis." American College of Radiology, Case-in-Point, May 26, 2011. Online.
- 3 Rushin L, Reys B, Freifeld Y, Karpowicz M, Fetzer DT, Bagrodia A. Is Malignant Germ-Cell Tumor Associated With Cowden Syndrome? *Clin Genitourin Cancer*, published online Jan 2019. DOI: <https://doi.org/10.1016/j.clgc.2019.01.002>
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### Letter to the Editor

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- 3 Kono K, Sirlin CV, Fetzer DT, Kim TK, Rodgers SK, Piscagliall F, Lyshchik A, Dietrich CF, Wilson SR. Time to Clarify Common Misconceptions about the Liver Imaging Reporting and Data System for Contrast-enhanced US.

### Proceedings of a Meeting

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- 2 Fetzer DT, Green C, West OC. "Mathematical Modeling Improves Computed Tomography Diagnosis Of Traumatic Aortic Injury." Association for University Radiologists, Austin, TX. February 2006.
- 3 Fetzer DT, Furlan A, Patil A, Bae KT. "Assessment of Clot Burden in Acute Pulmonary Embolism on CTPA: Semi-quantitative Scoring Methods versus Fully-quantitative Volume Measurement." Scientific presentation. Radiological Society of North America, Chicago IL. November 2010.
- 4 Fetzer DT, Kaya D, Furlan A, Bae KT. "Characterization of Adrenal Lesions at Single-Phase Contrast-Enhanced CT: Use of Internal Body Tissue Attenuation as a Reference." Research poster. Radiological Society of North America, Chicago IL. November 2010.

- 5 Pio SL, Fetzer DT, Bleicher AG. "Imaging of Neuropathology During Pregnancy, Labor, and the Puerperium." neuroradiology educational poster presentation. American Roentgen Ray Society. 2011. AJR 2011; 196:A226-A262.
- 6 Fetzer DT, Furlan A, Thaete L. "Imaging and Obesity, Insulin Resistance, and the Metabolic Syndrome." Education poster. Radiological Society of North America, Chicago, IL. November 2011.
- 7 Fetzer DT, Kanal E. "Radiation Dose Reduction Through Inter- and Intra-Hospital Comparison of CT Protocols and Techniques – A Resident PQI Project." American Roentgen Ray Society Radiation Dose Reduction Course, Vancouver, BC. April 2012.
- 8 Fetzer DT, Socinski M, Friedland D, Knollmann F. "CT Perfusion in Lung Cancer: Reproducibility and Inter-Observer Variability." Scientific poster session. Radiological Society of North America, Chicago, IL. November 2012.
- 9 Knollmann F, Fetzer DT, Friedland D, Socinski M. "Blood Supply in Non-Small Cell Lung Cancer: Assessment by Perfusion Computed Tomography." Scientific presentation. Radiological Society of North America, Chicago, IL. November 2012.
- 10 Reynolds AR, Fetzer DT, Furlan A, Heller MT, Tublin ME. "Infiltrative Hepatocellular Carcinoma (I-HCC): What the Abdominal Radiologist Needs to Know." Radiological Society of North America, Chicago, IL. November 2013.
- 11 Borhani A, Fetzer DT, Houshmand G, Tadros S. "Post-transplant Lymphoproliferative Disorder (PTLD) in Pediatric Population: Spectrum of Imaging Findings with Surgical and Pathologic Correlation." Radiological Society of North America, Chicago, IL. November 2013.
- 12 Roth ES, Fetzer DT, Heller M, Dasyam A, Solosh B. "Patterns of Hepatic Steatosis: Common to Crazy." American Roentgen Ray Society, San Diego, CA. April 2014.
- 13 Kfir KB, Helguera M, Fetzer DT, et al. "Longitudinal Registration of Ground Glass Opacity Lesions in CT." IEEE International Symposium of Biomedical Imaging, Brooklyn, NY. April 2015.
- 14 Diaz de Leon A, Fetzer DT, Yuan Q, Nofiele J, Yokoo T, Khatri G, Costa DN, Bailey AA, Chopra R, Pedrosa I. "Semi-quantitative Assessment of Respiratory Motion Compensation Techniques in T2-weighted Abdominal MR Imaging Using a Novel MRI-compatible Motion Platform." Society of Computed Body Tomography & Magnetic Resonance, Toronto, Canada. October 2015.
- 15 Khosla A, Fetzer DT, Resi SP, Sutphin MD, Trimmer CK, Kalva SP. "Vascular Complications Following Liver Transplant: Diagnosis and Intervention." Radiological Society of North America, Chicago, IL. November 2015.
- 16 Diaz de Leon A, Fetzer DT, Yuan Q, Nofiele J, Yokoo T, Khatri G, Costa DN, Bailey AA, Chopra R, Pedrosa I. "Semi-quantitative Assessment of Respiratory Motion Compensation Techniques in T2-weighted Abdominal MR Imaging Using a Novel MRI-compatible Motion Platform." Radiological Society of North America, Chicago, IL. November 2015.
- 17 Fetzer DT, He X, Furlan A, Bae KT. "Quantification of Liver Fibrosis by T1rho MR - Phantom and Pilot Human Imaging at 3T." Radiological Society of North America, Chicago, IL. November 2015.
- 18 Ben-Zikri K, Helguera M, Fetzer DT, Linte CA, Cahill N. "Comparison of Lesion-Centered vs. Lung-Centered Registration for Nodule Assessment from Lung CT Images," IEEE Western New York Image and Signal Processing Workshop, Rochester, NY. December 2015.
- 19 Fetzer DT, Browning T. "Intra-Abdominal Manifestations of Metabolic Syndrome: Well-Rounded Reporting or Just Filler?" Society of Abdominal Radiology, Waikoloa, HI. March 2016.
- 20 Simmons O, Fetzer DT, Yokoo T, Marrero JA, Yopp A, Parikh N, Browning T, Singal AG. P-013 "Predictors of Adequate US Quality for HCC Surveillance in Patients with Cirrhosis". International Liver Cancer Association, Vancouver, Canada. September 2016.
- 21 Simmons O, Fetzer DT, Yokoo T, Marrero J, Browning T, Singal A. "Predictors of Adequate Ultrasound Quality for HCC Surveillance in Patients with Cirrhosis." International Liver Cancer Association, Vancouver, Canada. September 2016.
- 22 Fetzer DT, Skaug MA, Pruitt JH. "Staging of Cervical Lymph Nodes - Ultrasound Teaching Module." Radiological Society of North America, Chicago, IL. November 2016.
- 23 Venkataraman V, Browning T, Pedrosa I, Abbara S, Fetzer DT, Toomay S, Peshock R. "Implementing a Process for Establishing and Sharing Standardized Imaging Protocols to Improve Cross-Enterprise Workflow and Quality." Radiological Society of North America, Chicago, IL. November 2016.
- 24 Fetzer DT, Chauhan A. "Implementing Shear Wave Elastography of the Liver in Large Radiology Practices: Lesson Learned." Society of Abdominal Radiology, Hollywood, FL. March 2017.
- 25 Shah A, Fetzer DT, Friemel S, Sehgal C, Chuahan A. "Two-Center Experience with Ultrasound Elastography in Cirrhosis: Factors Affecting the Application of SRU Consensus Guidelines." Scientific Abstract. Radiological Society of North America, Chicago, IL. November 2017.

- 26 Rodgers SK, Fetzer DT, et al. "ACR Ultrasound LI-RADS 2017: Guidelines and Technical Recommendations for Ultrasound-Based Hepatocellular Carcinoma Screening and Surveillance." Educational Abstract. Radiological Society of North America, Chicago, IL. November 2017.
- 27 Fetzer DT, Malone C, Lux J, Mattrey R. "Ultrasound-detectable O2 Microbubbles Generated from Catalase-Containing Silica Nanoshells (CSNs) in Determining Infected from Non-Infected Fluid Collections in Humans." Scientific Abstract. Radiological Society of North America, Chicago, IL. November 2017.
- 28 Fetzer DT, Vijay K, Rafailidis V, Mattrey R, Barr RG. "Don't Burst Your Bubble! Common Artifacts in Contrast-Enhanced Ultrasound." Educational Exhibit. Society of Abdominal Radiology Annual Meeting, Scottsdale, AZ. Mar, 2018
- 29 Choi H, Rodgers S, Perez M, Fetzer DT, Kamay A. "ACR US LI-RADS Screening and Surveillance in Clinical Practice: Preliminary Outcomes." Scientific Abstract. Society of Abdominal Radiology Annual Meeting, Scottsdale, AZ. Mar 4, 2018
- 30 Choi H, Rodgers S, Perez M, Fetzer DT, Kamay A. "ACR US LI-RADS in clinical practice: a multi-center experience." ARRS Annual Meeting, Washington, DC. April 2018
- 31 Flanagan J, Fetzer DT, et al. "Contrast-Enhanced US Antegrade Nephrostograms for Ureteral Patency After PCNL." Educational Presentation. Radiological Society of North America, Chicago IL, Nov 26th, 2018
- 32 Banergee I, Choi H, Fetzer DT, et al. "Application of Machine Learning to Infer Ultrasound LI-RADS Categories across Multi-Institutional Radiology Reports." Scientific Abstract. Radiological Society of North America, Chicago IL, Nov 26th, 2018
- 33 Fetzer DT et al. "Bubbles, Bubbles, Toils and Troubles: Artifacts in Contrast-Enhanced Ultrasound." Educational Poster. Radiological Society of North America, Chicago IL, Nov 26th, 2018
- 34 Treacher A, Beauchamp D, Quadri B, Fetzer DT, Vij A, Yokoo T, & Montillo A. (2019, March). "Deep learning convolutional neural networks for the estimation of liver fibrosis severity from ultrasound texture." In Medical Imaging 2019: Computer-Aided Diagnosis (Vol. 10950, p. 109503E). International Society for Optics and Photonics
- 35 Fetzer DT, Kamaya A, Rodgers S. "Ultrasound LI-RADS for HCC Screening and Surveillance: Implementing Into Your Practice." Educational Course. Society of Abdominal Radiology, Orlando FL, Mar 19th, 2019.
- 36 Quadri B, Browning T, Abhinav V, Ng Y, Peshock R, Fetzer DT. "Effect of ACR TI-RADS Standardized Reporting Calculator on Radiologist Adherence and Recommendations for Thyroid Nodule Management." Radiological Society of North America, Chicago IL, Dec 1st, 2019.
- 37 Bashir M, Hamza Abdelmoeti I, Kielar A, Fetzer DT, et al. "A Call to Action: Top 10 Most Pressing Research Gaps Identified by the LI-RADS Evidence-Based Working Group." Radiological Society of North America, Chicago IL, Dec 1st, 2019.
- 38 Shamehi SP, Levy B, Faizi N, Fetzer DT, Chauhan A. "A Primer on Ultrasound Elastography of the Liver: How to do it, technical Challenges and Solutions". Educational Poster, SAR 2020 Annual Scientific Meeting and Educational Course, March 1-6, 2020, Maui, Hawaii.
- 39 Fetzer DT, Browning T, Yokoo T, Xi Y, Singal A. "US LI-RADS Visualization Score: Assessing Performance Boundaries in a Large Multi-Site Practice", Oral Presentation, SAR 2020 Annual Scientific Meeting and Educational Course, March 1, 2020, Maui, Hawaii.
- 40 Fananapazir G, Fetzer DT, Burgan CM, Itani M, Shenoy-Bhangle AS, Kipper BA, Corwin M. "Right-sided varicocele and its association with malignancy: a multi-institutional study." Oral Presentation, SAR 2020 Annual Scientific Meeting and Educational Course, March 1, 2020, Maui, Hawaii.
- 41 Corwin MT, Fananapazir G, et al. "Risk of malignancy in incidental homogeneous renal masses 21-39 hu and > 10 mm at portal-venous phase CT: A multi-institutional retrospective cohort study." Oral Presentation, SAR 2020 Annual Scientific Meeting and Educational Course, March 1, 2020, Maui, Hawaii.
- 42 Haley Schoenberger H, Fetzer DT, Yokoo T, Rich NE, Tihina I, Odewole M, Singal AG. "Correlates of Ultrasound Quality for HCC Surveillance in Patients with Cirrhosis." Digest Disease Week Annual Meeting, Chicago IL, May 3, 2020.
- 43 Abushamat F, Dietrich CF, Clevert DA, Piscaglia F, Fetzer DT, Meloni FM, Shieh-morteza M, Yuko K. Contrast-Enhanced Ultrasound (CEUS) in the Evaluation of Hemoperitoneum in Patients with Cirrhosis. AASLD Annual Meeting, May 1st 2020. 158. S-1476. 10.1016/S0016-5085(20)34352-3.
- 44 Fetzer DT, Browning T, Yokoo T, Xi Y, Marrero J, Singal AG. "Liver Visualization for Hepatocellular Carcinoma Surveillance: Performance Boundaries in a Large Multi-Site Practice". Scientific Abstract. International Liver Cancer Association (ILCA) Virtual Conference. Sept 2020.
- 45 Yokoo T, Rich N, Odewole M, Fetzer DT, et al. "Comparative Accuracy Of Abbreviated MRI Vs. Ultrasound For Detection Of Early-Stage HCC In Patients With Cirrhosis." Scientific Abstract. International Liver Cancer Association (ILCA) Virtual Conference. Sept 2020.
- 46 Case of the Day – Ultrasound, Moderator. Radiological Society of North America (Virtual Meeting), Nov 29th – Dec 5th.

## Scientific Abstract

- 1 Itani M, Kipper B, Corwin MT, Burgan CM, Fetzer DT, Shenoy-Bhangle AS, Althubaity A, Loehfelm TW, Middleton WD, Fananapazir G. Right-sided scrotal varicocele and its association with malignancy: a multi-institutional study. *Abdom Radiol (NY)*. 2020 Nov 5. doi: 10.1007/s00261-020-02840-9. PMID: 33151361

## TEACHING PORTFOLIO

### Medical/Graduate School Courses, Teaching Didactic and Small Groups

#### *PRIOR MEDICAL/GRADUATE SCHOOL*

**Year(s):** 2006, 2007  
**Course Title:** Radiology Review for Gross Anatomy  
**Audience:** Medical Students  
**Role:** Lecturer/Reviewer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2010  
**Course Title:** Hibernoma, Radiology/Pathology Conference  
**Audience:** Residents - Teaching/Small Groups  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2010  
**Course Title:** Wilson's Disease Radiology/Pathology Conference  
**Audience:** Residents - Teaching/Small Groups  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2010-2013  
**Course Title:** Introduction to Ultrasound  
**Audience:** Resident Review  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2011  
**Course Title:** Eovist and Detection and Characterization of Liver Lesions, Journal Club  
**Audience:** Residents - Teaching/Small Groups  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2012  
**Course Title:** CT Colonography, Journal Club  
**Audience:** Residents - Teaching/Small Groups  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2013  
**Course Title:** Introduction to Fluoroscopy  
**Audience:** Medical Students  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2013, 2014  
**Course Title:** Abdominal Imaging Case Conference  
**Audience:** Residents Case Conference  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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**Year(s):** 2013, 2014  
**Course Title:** Physics of Ultrasound  
**Audience:** Board Review  
**Role:** Lecturer  
**Level of Effort:** 1 hr lecture

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#### **FORMAL TEACHING OF RESIDENTS, CLINICAL FELLOWS AND RESEARCH (POST DOCTORAL) FELLOW**

**Year(s):** 2014  
**Talk Title:** Ultrasound: Physics & Artifacts  
Sep 2, 2014  
**Institution:** UT Southwestern Medical Center  
**Audience:** Resident Lecture  
**Effort:** 2 hr lecture

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**Year(s):** 2014  
**Talk Title:** Phakomatoses and Other Multi-System Syndromes of the Abdomen  
Dec 11, 2014  
**Institution:** UT Southwestern Medical Center  
**Audience:** Resident Lecture  
**Effort:** Teaching 1 hr

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**Year(s):** 2014  
**Talk Title:** Diffuse Liver Diseases Lecture  
Mar 4, 2014  
**Institution:** University of Chicago  
**Audience:** Resident Case Conference  
**Effort:** 1 hr lecture

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**Year(s):** 2014, 2016  
**Talk Title:** Electrography: Applications in Neck and Hepatic Imaging  
Dec 17, 2014; Sept. 13, 2016  
**Institution:** UT Southwestern Medical Center  
**Audience:** Abdominal Imaging Fellow Conference  
**Effort:** Teaching 1 hr

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**Year(s):** 2015  
**Talk Title:** Ultrasound Electrography Journal Club  
Nov 19, 2015  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Abdominal Imaging Faculty  
**Effort:** 1 hr Lecture

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**Year(s):** 2015  
**Talk Title:** Abdominal Imaging QA/QC  
Feb 2, 2015  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Abdominal Imaging Faculty  
**Effort:** 1 hr Lecture

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**Year(s):** 2015  
**Talk Title:** Complications in Abdominal Transplantation  
Feb 6, 2015  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident Lecture  
**Effort:** 1 Hr Lecture

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**Year(s):** 2015  
**Talk Title:** Abdominal Imaging Interesting Case Conference  
Feb 27, 2015  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident Lecture  
**Effort:** 1 Hr Lecture

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**Year(s):** 2015, 2016  
**Talk Title:** CORE Review: Abdominal Cases and Questions  
April 22; March 28  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident Case Conference  
**Effort:** 1 hr Lecture

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**Year(s):** 2015, 2016, 2017  
**Talk Title:** The Spleen: Imaging and Pathology  
June 9; March 22; June 6  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Radiology Residents  
**Effort:** 2 hr Lecture

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**Year(s):** 2015, 2016, 2017, 2020  
**Talk Title:** Complications in Abdominal Transplantation: Liver  
July 24, 2016; Sept. 22, 2016; Dec. 5 2017; July 11, 2020  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Radiology Residents  
**Effort:** 1 hr Lecture

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**Year(s):** 2015, 2017  
**Talk Title:** Post-Operative Imaging in Abdominal Transplantation - Liver  
April 27; March 7. Kidney and Pancreas April 27; March 7.  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Abdominal Fellow  
**Effort:** 1 hr Lecture

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**Year(s):** 2016  
**Talk Title:** Ultrasound Findings of Portal Hypertension  
Sept. 22, 2016  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Radiology Residents  
**Effort:** 1 hr Lecture

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**Year(s):** 2016, 2017  
**Talk Title:** Ultrasound in Chronic Liver Disease Sept. 2016; Feb. 2017  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 1 hr Lecture

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**Year(s):** 2016, 2017, 2018, 2019  
**Talk Title:** CORE Review: Ultrasound Physics & Artifacts  
April 11; April 10; April 9th; May 15th  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident Case Conference  
**Effort:** 2 hr Lecture

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**Year(s):** 2017, 2018, 2019  
**Talk Title:** Renal Ultrasound, Nov. 2017, Oct. 2018, Nov 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Nephrology Fellows  
**Effort:** 1 hr lecture

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**Year(s):** 2017, 2018, 2019, 2020  
**Talk Title:** Contrast-Enhanced Ultrasound: Case-Based Introduction  
Jan. 26 2017, Jan. 18 2017, Sept. 25 2018, July 29 2019, Aug. 24 2020  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 1 hr Lecture

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**Year(s):** 2017, 2019  
**Talk Title:** Ultrasound Imaging Optimization: An Interactive Session  
Mar. 21, 2017, Jan. 17, 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 1 hr Lecture

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**Year(s):** 2018  
**Talk Title:** CEUS; Basics and Applications, VIR Research Conference; April 2018  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Fellow Conference  
**Effort:** 1 hr Lecture

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**Year(s):** 2018  
**Talk Title:** Contrast-Enhanced Ultrasound in Living Imaging, April 26, 2018  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 45 min Lecture

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**Year(s):** 2018  
**Talk Title:** Contrast-Enhanced Ultrasound in Renal Imaging, May 5, 2018  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 45 min Lecture

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**Year(s):** 2018, 2019  
**Talk Title:** Electrography: Applications in Neck and Liver Imaging, Jan. 18, 2018, Feb. 12, 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 1 hr Lecture

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**Year(s):** 2019  
**Talk Title:** US Electrography, Feb. 12, 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Fellow Conference  
**Effort:** 30 min Lecture

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**Year(s):** 2019  
**Talk Title:** Challenging Cases, Mar. 13, 2019, June 6, 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 1 hr lecture

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**Year(s):** 2019  
**Talk Title:** US in Chronic Liver Disease, Sept. 3, 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 30 min

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**Year(s):** 2019  
**Talk Title:** Diffuse Liver Disease-CT, Oct. 8, 2019  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 30 min

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**Year(s):** 2020  
**Talk Title:** Liver Transplant Evaluation, June 11, 2020  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Resident  
**Effort:** 1 hr lecture

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**Year(s):** 2020  
**Talk Title:** Update to the Liver Elastography SRU Consensus Statement, Journal Club, 7/23/2020  
**Institution:** University of Texas Southwestern Medical School, Dallas, TX  
**Audience:** Abdominal Imaging Faculty  
**Effort:** 1 hr lecture

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## GRANT SUPPORT FUNDED AND UNFUNDED PROJECTS

### New / Recent Grant Awards

<b>Grantor:</b>	NIH NCI U01 CA230694 02	
<b>Title of Project:</b>	Precision Risk Stratification and Screening for HCC Among Patients with Cirrhosis in the United States	
<b>Investigator Role:</b>	Co-Invest	
<b>Annual Amount:</b>	\$682,917.00	<b>Year(s)</b> January 2019 - December 2020
<b>Total Award Amount:</b>	\$1,500,000.00	



**Grantor:** NIH R01CA215520 01A1  
**Title of Project:** Contrast-Enhanced Ultrasound Evaluation of Focal Liver Lesions in Patients with Cirrhosis or Other Risk Factors for Developing HCC Multisite  
**Investigator Role:** Local PI  
**Annual Amount:** \$568,088.00 **Year(s)** September 2018 - August 2021  
**Total Award Amount:** \$49,399.00

#### Expired Grant Awards

**Grantor:** RSNA R&E Foundation  
**Title of Project:** Fellow Grant, Advanced MR Imaging of Liver Fibrosis - T1rho Quantification  
**Investigator Role:** PI  
**Annual Amount:** \$50,000.00 **Year(s)** July 2013 - Dec 2014  
**Total Award Amount:** \$50,000.00

**Grantor:** NIH/NIBIB R41 STTR  
**Title of Project:** Image-Based Quantification and Analysis of Longitudinal Lung Nodule Deformations  
**Investigator Role:** Consultant  
**Annual Amount:** \$202,762.00 **Year(s)** July 2013 - June 2015  
**Total Award Amount:** \$397,989.00