

CURRICULUM VITAE
CORINNE DEURDULIAN, MD

PERSONAL INFORMATION:

Dept. of Radiology
Greater Los Angeles VA Medical Center
Associate Clinical Professor, UCLA Geffen School of Medicine
Associate Professor (Adjunct), USC Keck School of Medicine
Los Angeles, CA

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EDUCATION AND PROFESSIONAL APPOINTMENTS:

EDUCATION:

1999 MD, The University of Texas Medical School at Houston

POST-GRADUATE TRAINING:

1999-2000 Internship, Transitional, St. Joseph Medical Center, Houston
2000-2004 Residency, Radiology, The University of Texas Medical School at
Houston and M.D. Anderson Cancer Center
2004-2005 Fellowship, Abdominal Imaging, Dept. of Radiology, The University of
North Carolina at Chapel Hill

ACADEMIC APPOINTMENTS:

2009-2012	Assistant Professor	Dept. of Radiology, Wake Forest University School of Medicine, Winston-Salem, USA
2012-2018	Assistant Professor	Dept. of Radiology, University of Southern California (USC), Keck School of Medicine, Los Angeles, USA
2018-2020	Associate Professor	Dept. of Radiology, USC Keck School of Medicine, Los Angeles, USA
2020-present	Associate Professor (Adjunct)	Dept. of Radiology, USC Keck School of Medicine, Los Angeles, USA
2020- present	Associate Professor	Dept. of Radiology, University of California (UCLA), Los Angeles, USA

CLINICAL APPOINTMENTS:

2005-2012	Associate Chief of Staff, Imaging Service	Imaging Dept., Veterans Affairs Medical Center, Salisbury, USA (Please see p. 9-10)
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ADMINISTRATIVE APPOINTMENTS:

2007-2012	Chair, Radiation Safety and MR Safety Committee	Veterans Affairs Medical Center, Salisbury, NC, USA
2011-2012	Chair, Radiology Quality and Safety Committee	Veterans Affairs Medical Center, Salisbury, NC, USA
2009-2011	Member, Veterans Health Administration National Cancer Care Collaborative	Veterans Affairs Medical Center, Salisbury, NC, USA

LICENSURE, CERTIFICATIONS:**LICENSURE:**

2011	C54985, California, Active
2004	L9172, Texas, Active
2004	200400488, North Carolina, Active

BOARD CERTIFICATION:

2004	American Board of Radiology, Certified, Active
2014	American Board of Radiology, Recertification Exam, Active

AWARDS, HONORS:

2005	Best Scientific Poster	Society of Uroradiology (SUR), San Antonio
2009	Model Radiology Department	Veterans Health Administration, VISN 6 Radiology Collaborative, Winston-Salem
2011	National Cancer Care Collaborative Award	Veterans Health Administration, Salisbury
2012	Best Practices in Women's Imaging	Veterans Health Administration, North Carolina
2016	Merit Award for Scientific Exhibit	Society of Abdominal Radiology, Hawaii
2017	Certificate of Merit	Radiological Society of North America (RSNA), Chicago

2019	Certificate of Merit	American Roentgen Ray Society (ARRS), Hawaii
2019	Certificate of Merit #2	American Roentgen Ray Society (ARRS), Hawaii

TEACHING:

DIDACTIC TEACHING – USC DEPT. OF RADIOLOGY (LECTURES, 45 MIN EACH, UNLESS NOTED; 51.5 TOTAL HOURS):

- Imaging of Abdominal Pathology, 2011
- Los Angeles Body Club (25 min)– MRKH and interesting cases, 2012
- Abdominal Ultrasound Essentials - 2012, 2014, 2015
- Renal Ultrasound - 2012, 2013, 2016
- Imaging-Guided Procedures – yearly, 2012 - 2018
- Thyroid Biopsy: Technique and Considerations, 2014
- Testicular Masses - 2013, 2015, 2017
- MRI of Rectal Cancer - 2014, 2015, 2016, 2018
- Managing Coagulopathy in Patients Undergoing Procedures –yearly, 2012 - 2017
- Interesting Case Conference (15 min) - yearly, 2014 - 2018
- Carotid Ultrasound: Technique and Pitfalls – yearly, 2012 - 2018
- Thyroid and Neck Procedures, Pre and postoperative neck – 2015, 2017
- MRI Board Review (2hrs) - 2015, 2016
- Liver MRI (2 hrs) - 2015, 2016
- Best Cases I’ve Ever Seen - 2015, 2016
- Ultrasound Board Review (1hr) – Scrotal Imaging - 2016, 2017
- Managing Coagulopathy in Procedure Patients (Updated) - 2018
- Carotid Ultrasound: How to Image and Interpret Accurately – 2018

DIDACTIC TEACHING – VETERANS HEALTH ADMINISTRATION (58 TOTAL HOURS)

2007-2012 Monthly 1 hour lectures to medical students and residents: Introduction to Radiology

CME COURSES DEVELOPED (156.25 TOTAL HOURS):

*American Institute of Ultrasound in Medicine (30.25 Total Hours;
Chair, Interventional / Intraoperative Ultrasound Committee)*

2011-2012	3 course series
2012-2013	4 course series
2013-2014	3 course series
2015-2016	4 course series
2016-2017	5 course series

Los Angeles Radiological Society Spring Diagnostic Ultrasound Conference (68 Total Hours; Co-Chair, Spring Diagnostic Ultrasound Conference; Member, Continuing Education and Planning Committees)

2015-2016	8 lectures, 6 hours
2016-2017	27 lectures, 21 hours
2017-2018	26 lectures, 20 hours
2018-2019	27 lectures, 21 hours

Los Angeles Radiological Society Current Concepts in Diagnostic Ultrasound Conference (35 Total Hours; Chair, Spring Diagnostic Ultrasound Conference; Member, Continuing Education and Planning Committees)

2019-2020	27 lectures, 21 hours (cancelled due to Covid)
2020	20 lectures, 14 hours (LARS first virtual conference)

Los Angeles Radiological Society Midwinter Conference (7.5 Total Hours; Member, Continuing Education and Planning Committees)

2016-2017	10 lectures, 7.5 hours
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World Federation of Ultrasound in Medicine and Biology & American Institute of Ultrasound in Medicine (4.5 Total Hours; Vice-Chair, Interventional / Intraoperative Ultrasound Committee)

2014-2015	3 course series, 4.5 hours
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VAMC (4 Total Hours)

2011-2012	Updates in Treatment of Hepatocellular Carcinoma (Program Chair)
2011-2012	VISN 6 Radiology Collaborative: Productivity and Efficiency (Chief of Imaging)

Society of Radiologists in Ultrasound (SRU) Annual Meeting (7 Total Hours)

2017-2018	Vascular Imaging Block (course)
2019-2020	Gastrointestinal Imaging Block (course)

UNDERGRADUATE, GRADUATE, AND MEDICAL STUDENT (OR OTHER) MENTORSHIP:

2015-2016	Alexander Gong	Medical Student	Evaluation of liver transplant patients with recurrent hepatocellular carcinoma after liver transplantation
2015-2019	Paul Latterman	Medical Student	Evaluation of Novel, Non-Invasive and Quantitative Ultrasound-Based Technique for Assessment of Liver Fibrosis in Liver Transplant Recipients with Non-Hepatitis C Chronic Liver Disease
2015-2019	Jeremy Paluch	Medical Student	A retrospective review of preoperative and postoperative factors predicting recurrence of hepatocellular carcinoma following orthotopic liver transplantation
			Evaluation of Novel, Non-Invasive and Quantitative Ultrasound-Based Technique for Assessment of Liver Fibrosis in Liver Transplant Recipients with Hepatitis C Chronic Liver Disease
2015-2019	Robert Burt	Medical Student	A retrospective review of preoperative and postoperative factors predicting recurrence of hepatocellular carcinoma following orthotopic liver transplantation

POSTGRADUATE MENTORSHIP:

2011-2012	Stuart Hebert	Diagnostic Radiologist, Lafayette, Louisiana
2011-2012	Kianoush Ansari Gilani	Asst. Prof., Case Western Reserve, Dept. of Radiology, Cleveland, Ohio

2012-2013	Benham Saberi	Asst. Prof., Mt. Sinai, Dept. of Medicine/ Gastroenterology, New York, NY
2013-2014	Nichole French	Diagnostic Radiologist, Los Angeles, California
2014-2015	Erik Paulson	Diagnostic Radiologist, Tulsa, Oklahoma
2015-2016	Amir Talebi	Resident, USC
2015-2016	Shelby Lundahi	Resident, USC
2015-2016	Mariet Asadoorian	Fellow, USC
2015-2016	Sarah Russell	Resident, USC
2015-2016	Mark Tran	Resident, USC
2015-2018	Jeffery Streb	Resident and Fellow, USC
2015- 2019	Joseph England	Resident and Fellow, USC
2015-2016	Felix Yap	Fellow, USC
2015-2016	Brandon Murti	Interventional Radiologist, Los Angeles, CA
2015-2016	Kimberly Hoang	Diagnostic Radiologist, Milford, Delaware
2015-2016	Alok Bhatt	Fellow, Interventional Radiology, Miami, Florida
2015- Present	JoAnn Lee	Fellow, USC
2015-2016	Ali Rivandi	Diagnostic Radiologist, Los Angeles, CA
2015-2016	Patrick Hawkins	Diagnostic Radiologist, Tampa, Florida
2014-2016	Nimmi Emmanuel	Diagnostic Radiologist, Miami, Florida
2014- 2019	Mollie Rashid	Fellow, USC
2014- Present	Robert Lynch	Fellow, USC
2016-2017	Allison Roberts	Diagnostic Radiologist, St. Louis, Missouri
2017- 2018	Shannon Navarro	Asst. Prof., UC Davis, Dept. of Radiology
2019- 2020	Iris Chen	Resident, UCLA

SERVICE:

DEPARTMENT SERVICE:

2012-2019	Member, Ultrasound Workgroup	Dept. of Radiology, USC
2017-2019	Member, Radiology Service Meeting Group	Dept. of Radiology, USC
2019-Present	Director, Body MRI	

MEDICAL SCHOOL SERVICE:

2006-2012	Faculty, Medical Student Rotations, Edward Via College of Osteopathic Medicine (VCOM)	Edward Via College of Osteopathic Medicine
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2007-2012	Coordinator and Faculty, Introduction to Radiology for Primary Care Residents	Wake Forest University School of Medicine
2015-2016	Member, Medical Student Ultrasound Course Committee	Keck School of Medicine
2016-Present	Member, Interview Committee	Keck School of Medicine

HOSPITAL OR MEDICAL GROUP SERVICE:

2005-2012	Member, Clinical Executive Board	Veterans Affairs Medical Center, Salisbury, NC, USA
2005-2012	Member, Professional Standards Board	Veterans Affairs Medical Center, Salisbury, NC, USA
2005-2012	Member, Peer Review Committee	Veterans Affairs Medical Center, Salisbury, NC, USA
2005-2012	Member, Oncology Steering Committee	Veterans Affairs Medical Center, Salisbury, NC, USA
2005-2012	Member, VISN 6 Chief Radiologist Committee and Workgroup	VISN 6, VA Mid-Atlantic Network, North Carolina, USA
2005-2012	Member, VISN 6 Technical Evaluation Committee -Member, PACS Committee -Member, Voice Recognition Committee	VISN 6, VA Mid-Atlantic Network, North Carolina, USA
2005-2012	Member, VA Medical Center and VISN 6 Equipment and Software Acquisition Committee and Workgroup	Veterans Affairs Medical Center, Salisbury, and VISN 6, VA Mid-Atlantic Network, North Carolina, USA
2006-2012	Radiology Coordinator and Faculty, Medical Student Rotations	Veterans Affairs Medical Center, Salisbury, NC, USA
2010-2012	Faculty, Introduction to Radiology for Primary Care Residents	Veterans Affairs Medical Center, Salisbury, NC, USA
2010-2012	Member, VISN 6 Neurosurgery Workgroup	VISN 6, VA Mid-Atlantic Network, North Carolina, USA

2013-2019	Member, Blood Utilization Committee	Keck Hospital of USC
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PROFESSIONAL SERVICE (NATIONAL AND REGIONAL):

2009-Present	Member, Cardiovascular Ultrasound Committee	American Institute for Ultrasound in Medicine (AIUM)
2009-Present	Member, General and Abdominal Ultrasound Committee	AIUM
2009-Present	Member, Interventional/ Intraoperative Ultrasound Committee	AIUM
2009-2018	Scientific Session Moderator	AIUM
2009-2018	Member, Contrast Ultrasound Committee	AIUM
2011-2018	Scientific Abstract Reviewer	AIUM
2011-2013	Secretary, Interventional/ Intraoperative Ultrasound Committee	AIUM
2012-2018	Member, Executive Council of Communities	AIUM
2012-2018	Member, Membership Committee	AIUM
2013-2015	Vice-Chair, Interventional/ Intraoperative Ultrasound Committee	AIUM
2014-Present	Member, Planning Subcommittee, Spring Diagnostic Ultrasound Conference	Los Angeles Radiologic Society (LARS)
2015- Present	Chair, Scientific Session Abstract Review Committee	AIUM
2015-2017	Chair, Interventional/ Intraoperative Ultrasound Committee	AIUM
2016- Present	Member, Planning Committee, LARS Midwinter Conference	LARS

2016- Present	Member, Continuing Education Committee	LARS
2016- 2019	Co-Chair, Spring Diagnostic Ultrasound Conference Committee	LARS
2017- 2019	American College of Radiology Content Expert for the RUC (Relative Value Scale Update Committee) for Ultrasound and Elastography (for valuation of CPT codes of new, cutting edge services that can be offered to patients and covered by insurance and Medicare in concordance with the resource-based relative value scale (RBRVS))	American College of Radiology (ACR)
2017- 2019	American College of Radiology Content Expert for the RUC (Relative Value Scale Update Committee) for Contrast-Enhanced Ultrasound (for valuation of CPT codes of new, cutting edge services that can be offered to patients and covered by insurance and Medicare in concordance with the resource-based relative value scale (RBRVS))	ACR
2017- 2019	American College of Radiology Content Expert for CPT for Ultrasound and Elastography (for development and justification of new CPT codes to the American Medical Association and Medicare in order to provide new, cutting edge services for patient care)	ACR
2017- 2019	American College of Radiology Content Expert for CPT for Contrast-Enhanced Ultrasound and Elastography (for development and justification of new CPT codes to the American Medical Association and Medicare in order to provide new, cutting edge services for patient care)	ACR
2019- Present	Cardiovascular Ultrasound Committee for National Guidelines and Recommendations	AIUM
2019- Present	Chair, Spring Diagnostic Ultrasound Conference Committee	LARS

PROFESSIONAL SOCIETY MEMBERSHIPS:

2004-Present	Radiologic Society of North America (RSNA)
2004-Present	American Institute for Ultrasound in Medicine (AIUM)

2004-2011	American Roentgen Ray Society (ARRS)
2005-2007	American College of Radiology (ACR)
2011-Present	Society of Radiologists in Ultrasound (SRU)
2013-Present	Los Angeles Radiologic Society (LARS)
2013-Present	Society of Abdominal Radiology (SAR)
2014-Present	American Roentgen Ray Society (ARRS)

COMMUNITY SERVICE:

2008-2012	Member	Smart Start of Rowan County, Salisbury	Organization to help underserved children gain resources to education
2008-2012	Member	North Carolina Land Trust, Salisbury	Help plan fundraising opportunities to help preserve and protect undeveloped land in North Carolina
2009-2012	Parent Volunteer	First United Methodist Church Preschool, Salisbury	Volunteer role for multiple classroom-related and school-related activities
2012-Present	Parent Volunteer	St. Peter Armenian Saturday School, Los Angeles	Volunteer role for multiple classroom-related and school-related activities
2012-Present	Parent Volunteer	Mirman School, Los Angeles	Volunteer role for multiple classroom-related and school-related activities
2012-Present	Professional Mentor	Texas Spirits, The University of Texas at Austin	Serve as a professional mentor for college-aged women desiring to enter health and science professions
2015-Present	Member	Los Angeles Texas Exes Scholarship Committee	Review scholarship applications and award scholarships to deserving individuals
2016-2017	Mentor	Mirman School	Women in STEAM

MAJOR LEADERSHIP POSITIONS:

Associate Chief of Staff, Imaging Service (2005-2012)	<ul style="list-style-type: none"> - Built an Imaging Department from the ground up - Hired staff 70 employees including technologists, radiologists, and administrative staff - Expanded multispecialty Radiology care to provide imaging services to 90,000 enrolled veterans - Justified and purchased over \$20 million in new equipment over a 5-6 year period
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- Developed all the imaging protocols for each modality – MRI, CT, Ultrasound, Fluoroscopy
- Helped organize specialty specific tumor boards and format
- Started multidisciplinary screening program for patients with hepatitis, reducing time to diagnosis and treatment of hepatocellular carcinoma
- As part of Cancer Care Collaborative, reduced time to diagnosis and treatment of cancer at the VA Medical Center
- Served as the liaison for the national Veterans Health Administration (VHA) Tumor Board Subcommittee
- Served as contributor to VHA Tumor Board Advisory Document
- Contributor to VHA Lung Cancer Toolkit Advisory Document
- Member, VHA Cancer Care Collaborative Steering Committee
- Developed interventional biopsy service
- Oversaw acquisition of digital mammography
- Started Diagnostic Mammography Service
- Acquired equipment for and oversaw development of vacuum-assisted breast biopsies
- Acquired technology for Ultrasound –fusion and performed first ultrasound-fusion biopsy in VA system as well as fusion-guided intraoperative ablation
- Developed Cardiac CT service
- Oversaw planning, development, and expansion of outpatient radiology services in 2 VA outpatient clinics in different cities including design, equipment, staffing, and protocols

RESEARCH AND SCHOLARSHIP:

MAJOR AREAS OF RESEARCH INTEREST:

1. Ultrasound Imaging
2. Liver Imaging
3. MRI

RESEARCH – CURRENT:

Grant No.: HS-17-00883

Dates of Award: 11/19/17-11/18/18

Sponsor: None

Percent Effort: 5%

Title: Role of Peritoneal Macrophages in the Regulation of Bacterial Peritonitis (Impaired Function of Peritoneal Macrophages in Liver Disease)

Description: SBP (spontaneous bacterial peritonitis) is a very common complication of cirrhosis but it has not been well studied in the context of molecular biology. The purpose of this project is to study the specific cell type in the ascites, called the peritoneal macrophage. This cell should be responsible for the clearance of bacterial product translocated from the gut. The study will correlate the immune

function of the peritoneal macrophage and the degree of liver disease (utilizing MELD or Child-Pugh scores).

Role: Co-Investigator

PI: Takeshi Saito, MD, PhD

Total Direct Costs: Unfunded

Grant No.: HS-15-00007

Dates of Award: 4/1/2016-3/31/2021

Agency: MD Anderson Cancer Center

Percent Effort: 1%

Title: Biospecimen Banking and Biomarker Validation for Lung Cancer Early Detection in Cohort Receiving Low Dose Helical Computed Tomography Screening

Description: The purpose of this project is to create a biospecimen repository that will be used to validate high performing biomarkers for reducing false positive rates of LDCT screening, for lung cancer early detection, and for lung cancer risk assessment.

Role: Co-Investigator

PI: Christopher Lee, MD

Total Direct Costs: \$180,000 per year

Grant No.: HS-17-00641

Dates of Award: 10/27/17-Present

Sponsor: None

Percent Effort: 5%

Title: A retrospective study on transplanted patients at Keck hospital of USC with hepatocellular carcinoma and classified indeterminate lesions on imaging (Hepatocellular carcinoma and classified indeterminate lesions)

Description: Identifying, characterizing, and quantifying HCC tumors remain a challenge in the current clinical practice, especially when transplantation is being considered. The purpose of the study is to evaluate indeterminate hepatic lesions seen on CT or MR and compare the imaging findings with post-transplant explant pathological reports for improved classifications based on size, shape, and histopathologic findings.

Role: Co-Investigator

PIs: Pejman Zargar, MD

Total Direct Costs: Unfunded

PREVIOUS RESEARCH:

Grant No.: HS-14-00826

Dates of Award: 1/1/15-12/31/17

Sponsor: GE Healthcare, Inc.

Percent Effort: 5%

Title: Shear Wave Elastography and Arrival Time Parametric Imaging using Contrast Enhanced Sonography: Evaluation of Novel, Non-invasive and Quantitative Ultrasound-based Techniques for Assessment of Liver Fibrosis in Liver Transplant Recipients with Hepatitis C

Description: This study compares ultrasound elastography measurements of the transplant liver with biopsy results, the timing of the enhancement of the liver relative to the kidney, and pathologic staging of liver fibrosis in patients with a previous history

of Hepatitis C who have undergone liver transplantation. The purpose of this study is to evaluate the degree of fibrosis diagnosed histologically after biopsy with the degree of fibrosis graded via a non-invasive method with ultrasound elastography. Goals of this study include achieving a level of accuracy that may preclude the need for biopsy to diagnose fibrosis and to track the liver parenchyma over time for development of fibrosis.

Role: Co-Investigator

PIs: Ed Grant, MD, Hisham Tchelepi, MD

Total Direct Costs: \$299,480.00

Grant No.: HS-15-00273

Dates of Award: 6/1/15-12/31/17

Sponsor: GE Healthcare, Inc.

Percent Effort: 5%

Title: Shear Wave Elastography: Evaluation of Novel, Non-Invasive and Quantitative Ultrasound-Based Technique for Assessment of Liver Fibrosis in Liver Transplant Recipients with Non-Hepatitis C Chronic Liver Disease

Description: This study compares ultrasound elastography measurements of the transplant liver with biopsy results and pathologic staging of liver fibrosis in patients with a previous history of non - Hepatitis C liver disease who have undergone liver transplantation. The purpose of this study is to evaluate the degree of fibrosis diagnosed histologically after biopsy with the degree of fibrosis graded via a non-invasive method with ultrasound elastography. Goals of this study include achieving a level of accuracy that may preclude the need for biopsy to diagnose fibrosis and to track the liver parenchyma over time for development of fibrosis.

Role: Primary Investigator

Total Direct Costs: Unfunded

Grant No.: HS-14-00313

Dates of Award: 7/1/15-6/30/16

Sponsor: Radiological Society of North America

Percent Effort: 5%

Title: Comparing efficacy of Contrast Ultrasound v. Contrast-enhanced CT/MR in Evaluating Treatment Response in Treated Hepatocellular Carcinoma

Description: The primary objective of this research project is to investigate the role of contrast enhanced ultrasound (CEUS) as a potential diagnostic biomarker and as a potential response assessment biomarker, particularly in patients with hepatocellular carcinoma (HCC), who have been treated with transcatheter arterial chemoembolization (TACE). Proper management of HCC lesions requires adequate localization and characterization of the target lesions.

Role: Co-Investigator

PI: Harshawn Malhi, MD

Total Direct Costs: \$6,000

Grant No.: HS-16-00717

Dates of Award: Unfunded

Sponsor: None

Percent Effort: 5%

Title: A retrospective review of preoperative and postoperative factors predicting recurrence of hepatocellular carcinoma following orthotopic liver transplantation

Description: The purpose of this study is to identify factors or patterns that may predispose a patient to recurrence of hepatocellular carcinoma after liver transplantation. This study is a retrospective review of patients who have recurrent hepatocellular carcinoma after liver transplantation. It involves review of their imaging findings prior to transplantation. The goal of the study is to improve selection of patients for liver transplantation and identify patients who may be at higher risk of recurrence.

Role: Primary Investigator

Total Direct Costs: Unfunded

Grant No.: HS-16-00052

Dates of Award: Unfunded

Sponsor: None

Percent Effort: 5%

Title: Contrast Enhanced Ultrasonography: Evaluation of effectiveness in reducing time to diagnosis, radiation exposure, and cost at LAC + USC Medical Center

Description: The purpose of this study is to see the effectiveness of contrast-enhanced ultrasound in the diagnosis of lesions and other pathologies in the body. The goal of the study is to decrease the number of CT and MRI scans performed for the diagnosis of various abnormalities detected by conventional ultrasound to ultimately reduce the cost, patient wait times, radiation exposure, and contrast exposure.

Role: Co-Investigator

PI: Hisham Tchelepi, MD

Total Direct Costs: Unfunded

INVITED LECTURES, SYMPOSIA, KEYNOTE ADDRESSES:

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| 2009 | Productivity and Efficiency in the Radiology Department, VISN 6 Radiology Collaborative, Veterans Health Administration, Winston-Salem, NC, 2009-2010 |
| 2010 | Abdomen Ultrasound, Dept. of Radiology, UNC-Chapel Hill, NC, March 2010 |
| 2010 | Right Upper Quadrant Ultrasound, Dept. of Radiology, Wake Forest University, Winston-Salem, NC, May 2010 |
| 2010 | Renal Ultrasound, Dept. of Radiology, Wake Forest University, Winston-Salem, NC, November 2010 |
| 2011 | Patient Management for Ultrasound-guided Procedures, Dept. of Radiology, Wake Forest University, Winston-Salem, NC, April 2011 |

- 2011 The Procedure Patient: Before, During, and After, Dept. of Radiology, Cedars-Sinai Medical Center, Los Angeles, CA, May 2011
- 2011 Radiology in the VA: The Nuts and Bolts of Getting Hired, American Roentgen Ray Society (ARRS), Chicago, IL, May 2011
- 2011 Board Review Case Conference: Ultrasound cases and cross-sectional correlation, Dept. of Radiology, Cedars-Sinai Medical Center, Los Angeles, CA, May 2011
- 2011 The Procedure Patient: Preparation, Coagulation, and Management, Dept. of Radiology, UNC-Chapel Hill, NC, October 2011
- 2011 Ultrasound and CT after 5 (and all day long from the ER), Dept. of Radiology, University of Southern California, December 2011
- 2012 Carotid Ultrasound: Technique, Interpretation, and Pitfalls, Dept. of Radiology, Wake Forest University, Winston-Salem, NC, February 2012
- 2014 International Guest Professor, Sociedad de Radiología del Noroeste (Mexican Northwestern Radiological Society), Mazatlán, México, September 2014
- Managing Coagulopathy in Patients Undergoing Invasive Procedures
 - Thyroid Biopsy: Considerations and Cases
 - Renal Abnormalities
 - Carotid Ultrasound: Technique and Pitfalls
 - Ultrasound and CT from the Emergency Room
 - Hands-On Ultrasound-Guided Biopsy Workshop (taught in Spanish)
- 2016 Clinical Applications of Ultrasound, Ultrasonic Transducer Engineering Conference – Torrance, CA, May 2016
- 2017 Get X-ray Vision and Become Medicine's Best Detective, Women in STEAM, Mirman School, Los Angeles, March 2017
- 2019 International Visiting Professor, Mexican Society of Radiology and Imaging (SMRI), Mexico City, México, September 2019
- Managing Coagulopathy in Patients Undergoing Invasive Procedures
 - How to Start a Contrast Ultrasound Practice
 - Around the World with Abdominal Doppler
 - Carotid Ultrasound: Imaging and Evaluation of Stenosis

INVITED CME LECTURES, GRAND ROUNDS:

- 2009 Ultrasound-guided Biopsies: How to workshop, AIUM, New York, NY, April 2009

- 2010 Ultrasound-guided Biopsies: How to workshop, AIUM, San Diego, CA, March 2010
- 2010 Abdomen Ultrasound: Common Abnormalities, AIUM, San Diego, CA, March 2010; recorded as part of AIUM Ultrasound Essentials CME DVD series
- 2011 The Procedure Patient: Before, During, and After, AIUM, New York, NY, April 2011
- 2011 Thyroid Biopsies: Preparation and Technique, AIUM, New York, NY, April 2011
- 2011 Ultrasound after 5 pm: Scrotal Ultrasound, AIUM, New York, NY, April 2011
- 2011 Ultrasound-guided Biopsies: Hands-on How to Workshop, AIUM, New York, NY, April 2011
- 2011 Radiology in the VA: The Nuts and Bolts of Getting Hired, American Roentgen Ray Society (ARRS), Chicago, IL, May 2011
- 2011 Carotid Ultrasound Techniques and Pitfalls, RSNA, Chicago, IL, December 2011
- 2011 Visceral and Carotid Ultrasound: Hands-on Course, RSNA, Chicago, IL, December 2011
- 2012 The Procedure Patient: Preparation, Coagulation, and Management, AIUM, Phoenix, AZ, April 2012
- 2012 Hands-on Course: How to do the Biopsy, AIUM, April 2012
- 2012 Radiologic Review of Inflammatory Bowel Disease: Crohn's Disease and Ulcerative Colitis, Gastrointestinal Grand Rounds, USC Keck School of Medicine, Hoffman Auditorium
- 2012 Carotid Ultrasound Techniques and Pitfalls, RSNA, Chicago, IL, November 2012
- 2012 Visceral and Carotid Ultrasound: Hands-on Course, RSNA, Chicago, IL, November 2012
- 2013 Liver Conference, Grand Rounds, LAC-USC Medical Center
- 2013 Hands-on Course: How to do the Biopsy, AIUM, April 2013

- 2013 Hands-on Course: Advanced Ultrasound Intervention, AIUM, April 2013
- 2013 The Procedure Patient: Coagulation and Management, AIUM, New York, NY, April 2013
- 2013 Doppler Ultrasound: Hands-on Course, RSNA, Chicago, IL, December 2013
- 2014 Coagulation Update, AIUM, New York, NY, April 2014
- 2014 Testicular Masses, AIUM, April 2014
- 2014 Hands-on Course: How to do the Biopsy, AIUM, April 2014
- 2014 Thyroid Biopsy, Los Angeles Radiologic Society (LARS), Spring Diagnostic Ultrasound Conference (SDUC), Pasadena, CA, May 2014
- 2014 Renal Ultrasound: Common and Uncommon Abnormalities, LARS SDUC, Pasadena, CA, May 2014
- 2014 US and CT after 5 pm....and All Day Long from the ER, LARS SDUC, Pasadena, CA, May 2014
- 2014 CBD Dilatation and When is MRCP/ERCP Warranted? (lecture and expert panel), LARS SDUC, Pasadena, CA, May 2014
- 2014 Doppler Ultrasound: Hands-on Course, RSNA, Chicago, IL, December 2014
- 2015 Great Teaching Cases I've Seen, American Institute for Ultrasound In Medicine (AIUM), Orlando, FL, March 2015
- 2015 Managing Coagulopathy, AIUM, Orlando, FL, March 2015
- 2015 Hands-on Course: How to do the Biopsy, AIUM, Orlando, FL, March 2015
- 2015 Moderator, Interventional/ Intraoperative Lecture Series: Interesting Cases in Interventional Ultrasound, AIUM, Orlando, FL, March 2015
- 2015 The Best Cases I've Seen, Invited Speaker, Los Angeles Radiologic Society (LARS) Dinner Lecture Series, Los Angeles, CA April 2015
- 2015 Ultrasound in the Emergency Room, Invited Speaker, Los Angeles Radiologic Society (LARS) Dinner Lecture Series, Los Angeles, CA April 2015
- 2015 Venous Imaging - Is it Really That Simple? Pearls and Pitfalls, UC Davis Ultrasound Update, Sacramento, CA

- 2015 Carotid Ultrasound - What You Need to Know, UC Davis Ultrasound Update, Sacramento, CA
- 2015 Contrast Ultrasound of the Liver and Kidney, UC Davis Ultrasound Update, Sacramento, CA, Sept. 2015
- 2015 Managing Coagulopathy in Patients Undergoing Interventional Procedures, Society of Graduate Radiology, Palm Springs, CA, October 2015
- 2015 Doppler Ultrasound: Carotid and Renal Doppler Hands-on Course, RSNA, Chicago, IL, December 2015
- 2016 Hands-on Course: How to do the Biopsy, AIUM, New York, NY, March 2016
- 2016 Contrast-enhanced Ultrasound: Lessons learned over 10 years, Society of Abdominal Radiology, Hawaii, March 2016
- 2016 Coagulation Update, AIUM, New York, NY, March 2016
- 2016 Journal Club: Articles that have shaped Radiology, AIUM, New York, NY, March 2016
- 2016 Elastography and Correlation with Biopsy, April 2016
- 2016 Ultrasound Approach to Diagnosis: Vascular Ultrasound, American Roentgen Ray Society (ARRS), Los Angeles, CA, April 2016
- 2016 Radiology Grand Rounds: Non-invasive assessment of Fibrosis in liver transplant recipients with recurrent HCV infection: Usefulness of Shear Wave
- 2016 Carotid and Vertebral Ultrasound, Society of Radiologists in Ultrasound, Baltimore, MD, October 2016
- 2016 Doppler Ultrasound: Carotid and Renal Doppler Hands-on Course, RSNA, Chicago, IL, December 2016
- 2017 Technique and Pitfalls in Evaluation of Carotid Stenosis, AIUM, Orlando, FL, March 2017
- 2017 Hands-on Course: Advanced Multispecialty Intervention: How to Hit Any Target, AIUM, Orlando, FL, March 2017
- 2017 Introduction to the Workup Prior to Ultrasound-Guided Interventions, AIUM, Orlando, FL, March 2017

- 2017 Contrast Enhanced Ultrasound of the Liver, ARRS, New Orleans, LA, May 2017
- 2017 Contrast Enhanced Ultrasound of the Kidney, ARRS, New Orleans, LA, May 2017
- 2017 Basics in Abdominal Doppler Imaging, ARRS, New Orleans, LA, May 2017
- 2018 Technique and Pitfalls of Carotid Imaging, ARRS, Washington, DC, April 2018
- 2018 Scrotal Ultrasound, ARRS, Washington, DC, April 2018
- 2018 Priming for Procedures: Society of Interventional Radiology Guidelines and Beyond, MD Anderson Cancer Imaging and Intervention Conference (CIIC), Houston, TX, April 2018
- 2018 Contrast-enhanced Ultrasound of the Kidneys, MD Anderson Cancer Imaging and Intervention Conference (CIIC), Houston, TX, April 2018
- 2018 Imaging of the Ovaries and Adnexa, MD Anderson Cancer Imaging and Intervention Conference (CIIC), Houston, TX, April 2018
- 2018 Imaging-guided Hands-on Course, MD Anderson Cancer Imaging and Intervention Conference (CIIC), Houston, TX, April 2018
- 2018 Carotid and Vertebral Ultrasound: Beyond ICA Stenosis, Society of Radiologists in Ultrasound (SRU), San Diego, CA, October 2018
- 2018 Carotid and Renal Doppler Ultrasound: Hands-on Session, RSNA, Chicago, IL, November 2018
- 2019 Problem Solving Liver Lesions with Contrast-Enhanced Ultrasound, LARS, Los Angeles, CA, June 2019
- 2019 Vascular Ultrasound Potpourri, ARRS, Honolulu, HI, May 2019

PUBLICATIONS:

PEER-REVIEWED JOURNAL ARTICLES (UNDERLINED NAMES INDICATES MENTEES):

1. **Deurdulian C**, Mittelstaedt CA, Chong WK, Fielding JR: Ultrasound of Acute Scrotal Trauma: Optimal Technique, Imaging Findings, and Management. *RadioGraphics* 27: 357-369, 2007.
2. Hebert S, Chong WK, **Deurdulian C**: Essentials of Scrotal Ultrasound: A Review of Frequently Encountered Abnormalities. *Applied Radiology* 41(9): 7-15, 2012.

I contributed to the design of the manuscript, text, figures, figure legends, and edited the manuscript.

3. Ansari-Gilani K, **Deurdulian C**, Azar N, Nakamoto DA: Use of Sonographic Guidance for Selected Biopsies in the Lung and Superior Mediastinum. *Journal of Ultrasound in Medicine* 31(11): 1697-1702, 2012.

I contributed to the design of the manuscript, text, figures, figure legends, and edited the manuscript.

4. Saberi B, **Deurdulian C**, Kahn J: Education and Imaging: Hepatology: Portal Vein Cavernoma Imitating Cholangiocarcinoma in a patient with erythropoietic protoporphyria. *Journal of Gastroenterology and Hepatology* 29(10):1755, 2014.

I was the primary mentor for this project. I contributed to the design of the manuscript, text, figures, figure legends, and edited the manuscript.

5. **Deurdulian C**, French N. Ultrasound-Guided Intervention in the Abdomen and Pelvis: Review from A to Z. In: Chong WK, Dogra VS, eds. *Abdominal Ultrasound. Ultrasound Clinics*, Elsevier Science Publishers, Philadelphia, PA, 2014; 9 (4): 793-820.

6. **Deurdulian C**, Emmanuel N, Tchelepi H, Grant EG, Malhi H. Beyond the Bifurcation: There Is More to Cerebrovascular Ultrasound Than Internal Carotid Artery Stenosis! *Ultrasound Quarterly* 32(3):224-40, 2016.

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1. Paluch J, Kazmierski B, Grant EG, **Deurdulian C**. Imaging Findings of Recurrent Hepatocellular Carcinoma Following Liver Transplantation and Implications for Follow Up. Original research.
2. Lynch R, Tejura T, Gulati M, **Deurdulian C**. Complications Involving the Postoperative Esophagus. Review article.

BOOKS/ TEXTBOOKS:

1. *Diagnostic Ultrasound: Vascular*: Lockhart M, **Deurdulian C**, Bhatt S, Lyshchik A, Eds., Elsevier, USA, 2018.
 - Caserta M, **Deurdulian C**. Iliac artery vs. IVC Thrombus
 - Caserta M, **Deurdulian C**. Pelvic Congestion
 - Caserta M, **Deurdulian C**. Pancreas Transplants: Normal vs. Rejection
 - Chen F, **Deurdulian C**. Hepatoma Tumor Thrombus
 - Chen F, **Deurdulian C**. Splenic Artery Aneurysm
 - Chen F, **Deurdulian C**. Splenic Vein Thrombosis
 - Revzin M, **Deurdulian C**. Takayasu Arteritis
 - Revzin M, **Deurdulian C**. Carotid-Jugular Fistula
 - Revzin M, **Deurdulian C**. Renal Nutcracker Syndrome
 - Revzin M, **Deurdulian C**. Uterine Arteriovenous Malformation
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 - Hoang K, **Deurdulian C**. Klatskin Tumor
 - Rashid M, **Deurdulian C**. Liver Abscess
 - Murti B, **Deurdulian C**. Metastatic Disease of the Liver
 - Prosper A, **Deurdulian C**. Cystic Fibrosis and Fatty Infiltration of the Pancreas
 - Russell S, **Deurdulian C**. Autoimmune Pancreatitis
 - Brauner N, **Deurdulian C**. Gallbladder Adenomyomatosis
 - Yap F, **Deurdulian C**. Porcelain Gallbladder
 - Yap F, **Deurdulian C**. Gallbladder Adenocarcinoma
 - Prosper A, **Deurdulian C**. Horseshoe Kidney
 - **Deurdulian C**. Portal Vein Cavernoma Mimicking Cholangiocarcinoma
 - **Deurdulian C**. Caroli's Disease Complicated by Cholangitis
 - Roberts A, **Deurdulian C**. TIPS Dysfunction
 - Asadoorian M, **Deurdulian C**. Multiple Angiomyolipomas with Tuberous Sclerosis
 - England J, Fetzer D, **Deurdulian C**. Autosomal Dominant Polycystic Kidney Disease

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- Gunabushanam G, **Deurdulian C**. Iliac Vein Thrombosis
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- Lynch R, **Deurdulian C**. Adenomatoid Tumor of the Epididymis
- Roberts A, **Deurdulian C**. Fournier's Gangrene
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- Russel S, **Deurdulian C**. Developmental Anomalies: Bicornuate vs. Septate Uterus
- Asadoorian M, **Deurdulian C**. Postmenopausal Endometrial Stripe Thickening and Bleeding
- Rashid M, **Deurdulian C**. Uterine Fibroids
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1. **Deurdulian C**, Guthrie A. *Accuracy of Barium UGI examination in H. pylori – related non-ulcer gastritis: experience in a city county hospital*. Annual Meeting, RSNA, Chicago, IL, 2002
2. **Deurdulian C**, Chong WK, Mittelstaedt C, Fielding J. *Unusual Scrotal Masses: Thinking Beyond Germ Cell Tumors*, SUR (San Antonio, TX), ARRS (New Orleans, LA), AIUM (Orlando, FL), and RSNA (Chicago, IL), 2005
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5. Lynch R, **Deurdulian C**, Gulati M, Tejura T. *The Goose is Loose: Review of Esophageal Pathology*. SAR, Hawaii, March 2016
6. Rashid M, **Deurdulian C**, Palmer SL. *Contrast-Enhanced Ultrasound of the Liver: Electronic Atlas of Normal Anatomy, Common and Uncommon Pathology, and Guidance for Procedures*. SAR, Hawaii, March 2016 (Merit Award)
7. Rashid M, **Deurdulian C**, Tchelepi H. *Fusion Ultrasound: Characterization of Abdominal Masses with MR, CT, PET, and Contrast Ultrasound*. Society of Abdominal Radiology (SAR), Hawaii, March 2016
8. Lynch R, **Deurdulian C**, Gulati M, Tejura T. *The Goose is Loose: Review of Esophageal Pathology*. ARRS, Los Angeles, April 2016
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12. England J, **Deurdulian C**, Grant EG. *Tying TI-RADS Together: A Pictorial Review of Thyroid Lesions and Appropriate TI-RADS Level Assignments*. Radiological Society of North America (RSNA), Chicago, IL, November 2017
13. Navarro S, **Deurdulian C**, Tchelepi H. *Contrast-Enhanced Ultrasound: Problem-solving Beyond Hepatic and Renal Tumors*. Radiological Society of North America (RSNA), Chicago, IL, November 2017 (Certificate of Merit)
14. Joshi G, Tchelepi H, **Deurdulian C**. *What's New in Evaluating Solid Organ Injury? The Use of Contrast Enhanced Ultrasound (CEUS) in Conjunction with Traditional FAST and CECT in the Imaging Workup of Trauma*. Radiological Society of North America (RSNA), Chicago, IL, November 2018

15. Li C, **Deurdulian C**, Urdaneta F, Chen F, Romero M. *Managing Coagulopathies in Patients Undergoing Interventional Procedures: An Update*. American Roentgen Ray Society (ARRS), Honolulu, HI, May 2019
16. Lynch R, Kazmierski B, **Deurdulian C**. *Imaging and Care of Transgender Patients in Radiology*. American Roentgen Ray Society (ARRS), Honolulu, HI, May 2019 (Certificate of Merit and invited for publication)
17. Lee J, **Deurdulian C**. *Imaging of Renal Transplants*. American Roentgen Ray Society (ARRS), Honolulu, HI, May 2019 (Certificate of Merit and invited for publication)

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1. **Deurdulian C**: Abdominal Ultrasound: Common Abnormalities in Abdominal Ultrasound Essentials (DVD; AIUM). AIUM, Laurel, MD, 2010.
2. **Deurdulian C**: Managing Coagulopathy in Patients Undergoing Ultrasound-guided Procedures (Webinar; AIUM). AIUM, Laurel, MD, November 2013.
3. **Deurdulian C**: Carotid and Vertebral Ultrasound: Beyond ICA Stenosis. Sonoworld video, Sonoworld.com, March 2017.
4. **Deurdulian C**: Basics in Abdominal Doppler Imaging. Electronic Learning Web Lecture series for ARRS, Fall 2017.