

February 8-9, 2020
Sheraton Universal Hotel | Universal City, CA

LOS ANGELES RADIOLOGICAL SOCIETY



Celebrating excellence in education

ATTENDEE BROCHURE

Join Us for LARS 100 Year Anniversary!

The Los Angeles Radiological Society is pleased to invite you to join your colleagues in Universal City for the 72nd Annual Midwinter Radiology & Radiation Oncology Conference and Conjoint Nuclear Medicine Seminar. Again, this year, the California Radiological Society is joining LARS to bring you the CRS Annual Meeting and Leadership Summit under one roof, in the same location for one comprehensive radiology program.

This is not your ordinary LARS meeting because we have something BIG to celebrate. LARS turns 100! We are excited to be hosting this annual meeting in yet another new but old venue. Many years ago, LARS held its Midwinter Meeting in Universal City and we thought it fitting to return in 2020 to celebrate 100 Years of Excellence in Education.

The Continuing Education Committee, along with other radiology and radiation oncology experts, have planned this conference with you in mind, offering myriad concurrent sessions in Radiology, Radiation Oncology and Nuclear Medicine designed to change competence, performance and patient outcomes for your everyday practice. You may choose to attend an entire focus session or mix lectures from multiple sessions to meet your individual educational needs and interests. In addition, we will have the 2nd Annual William G. Bradley, MD, PhD Memorial Lecture and Luncheon as well as highlight some memorable moments in LARS' history.

We hope you can make time in your schedule to join us for this milestone anniversary celebration!



CALIFORNIA RADIOLOGICAL SOCIETY
A CHAPTER OF THE AMERICAN COLLEGE OF RADIOLOGY

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Sacramento, CA 95814

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www.calrad.org

Executive Director
Bob Achermann, JD
BAchermann@amgroup.us

MISSION STATEMENT

The California Radiological Society (CRS) is the state chapter of the American College of Radiology (ACR). As a professional association, CRS advances the science of radiology; improves radiologic service to patients and the medical community; and maintains high medical and ethical standards in the practice of radiology.



EXECUTIVE COMMITTEE

President – Mark Yeh, MD, FACR, MBA
President-Elect – Benjamin Franc, MD
Immediate Past-President – Harvey Wolkov, MD, FACR, FACRO
Secretary – Johnson B. Lightfoote, MD, FACR
Treasurer – Suzanne L. Palmer, MD, FACP

MEMBER BENEFITS

- Legislative Advocacy
- CA Regulatory Updates
- Networking
- Resident / Fellow Section
- Meaningful Use EHR Center
- Radiology/Radiation Oncology CA Groups
- National ACR Updates

STAY INFORMED

Members receive professional, regulatory and legislative email updates via CRS Bulletin

Join CRS / ACR www.calrad.org

Continuing Education Committee

Maitraya Patel, MD CME Chair

Daniel Saket, MD Senior Radiology
Representative

Kambiz Motamedi, MD, FACR
Radiology Representative

Daniel Kim, MD Senior Radiation Oncology
Representative
*Dr. Kim has disclosed his spouse is an employee
of Amgen.*

Jason Ye, MD
Radiation Oncology Representative
*Dr. Ye has disclosed he is advisory board member
for AstraZeneca and consultant for Varian
Medical Systems.*

K. Elizabeth Hawk, MD, PhD
Nuclear Medicine Representative
CRS LEADERSHIP SUMMIT

Suzanne L. Palmer, MD, FACP
Program Chair

MANAGEMENT COMMITTEE

Margaret Lee, MD
President

Denise Andrews-Tang, MD
President-Elect

Suzanne L. Palmer, MD, FACP
Treasurer

Winston Lien, MD
Secretary

Maitraya Patel, MD
CEC Liaison

Jon Foran, MD
1st Past President

**Special Thanks to LARS' Subcommittee
Participants for their consultation in
planning this conference**

Diagnostic Radiology

John Go, MD; Jordan Gross, MD; Ely Felker,
MD; Bahar Moussavian, MD; Michelle
Melany, MD

Radiation Oncology

Savita Dandapani, MD; Nancy Ellerbroek,
MD; Mitchell Kamrava, MD; Sara Kim,
MD; Steve Lee, MD; Howard Sandler, MD;
Richard Tuli, MD

*Dr. Dandapani has disclosed she is a consultant
for Bayer, Reflexion and AstraZeneca.*

*Dr. Sandler has disclosed he is on the steering
committee for a clinical trial with Janssen and
former advisory board member for Radiogel.*

Nuclear Medicine

Patrick M. Colletti, MD; John Shim, MD;
Lalitha Ramana, MD; Hoessein Jadvar, MD

Continuing Education Credit

PHYSICIAN CME

The Los Angeles Radiological Society is accredited by the California Medical Association (CMA) to provide continuing medical education for physicians.

The Los Angeles Radiological Society designates the **Radiology** program, a live activity, for a maximum of 13 AMA PRA Category 1 Credit(s)[™].

The Los Angeles Radiological Society designates the **Radiation Oncology** program, a live activity, for a maximum of 13.5 AMA PRA Category 1 Credit(s)[™].

The Los Angeles Radiological Society designates the **Nuclear Medicine** seminar, a live activity, for a maximum of 6 AMA PRA Category 1 Credit(s)[™].

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PHYSICIAN CME – CRS Leadership Meeting

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the California Medical Association (CMA) through the joint providership of The Los Angeles Radiological Society and the California Radiological Society. The Los Angeles Radiological Society is accredited by the California Medical Association (CMA) to provide continuing medical education for physicians.

The Los Angeles Radiological Society designates the **CRS Leadership** program, a live activity, for a maximum of 10 AMA PRA Category 1 Credit(s)[™].

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

TECHNOLOGIST CATEGORY A CONTINUING EDUCATION

Approved by the ASRT for technologists Category A continuing education credits.

- Radiology Program – a maximum of 13 Category A CE
- Radiation Oncology Program – a maximum of 13.5 Category A CE
- Nuclear Medicine Seminar – a maximum of 6 Category A CE

SELF-ASSESSMENT MODULE (SAM) CREDIT

Evaluation of your personal knowledge and performance against current standards and advances outlined in the presentations will be available through a post-session evaluation tool for designated presentations. Sessions with available SAMs are noted on the Schedule at a Glance. All SAM activities must be a minimum of 1 Category 1 CME credit hour, therefore, you must attend all sessions in the block to obtain SAMs. Qualified by the American Board of Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification Program for up to 11.75 credits.

Radiology Program Faculty

BODY IMAGING

Simin Bahrami, MD

Assistant Clinical Professor of Radiology,
David Geffen School of Medicine at UCLA

Vinay Duddalwar, MD

Professor of Radiology and Urology, Keck School of Medicine
University of Southern California

*Dr. Duddalwar disclosed he received research grant funds from Samsung
and consulting fees from Radmetrix and Deep Tek*

Ely Felker, MD

Assistant Professor, Abdominal Imaging and Intervention
Department of Radiology, University of California Los Angeles

Dr. Felker has disclosed he received research grant support from NIH

Kathryn Fowler, MD

Associate Professor, University of California San Diego

*Dr. Fowler disclosed she received research grant support from GE, Bayer,
Pfizer and consulting fees from 12 Sigma and Medscape.*

Daniel J. A. Margolis, MD

Associate Professor of Radiology, Weill Cornell Medical College

*Dr. Margolis disclosed he received consulting fees from Blue Earth
Diagnostics and in-kind software from Siemens Healthineers.*

Michelle Melany, MD

Clinical Professor of Radiology, UCLA

Cedars Sinai and Greater Los Angeles Veterans Affairs

Dr. Melany disclosed she received consulting fees from Carestream.

Courtney C. Moreno, MD, FACP

Associate Professor of Radiology, Department of Radiology & Imaging
Sciences, Emory University School of Medicine
Atlanta, Georgia

Suzanne L. Palmer, MD, FACP

Professor of Clinical Radiology, Division Chief of Body Imaging
Keck School of Medicine, University of Southern California

Sudhakar V. Venkatesh, MD, FRCR

Professor, Mayo Clinic College of Medicine

Mayo Clinic, Rochester, MN

NEURORADIOLOGY

Philip R. Chapman, MD

Associate Professor Neuroradiology, University of Alabama Birmingham

Dr. Chapman has disclosed he received equity from MICSi.

Wende N. Gibbs, MD

Senior Associate Consultant, Mayo Clinic, Phoenix, AZ

Shao-Pow Lin, MD, PhD

Interventional Neuroradiologist,

PIH Health/Lambert Radiology Medical Group

Timothy M. Shepherd, MD, PhD

Assistant Professor, New York University

Dr. Shepherd has disclosed he is founder/advisor for MICSi

Ashok Srinivasan, MD

Professor and Director of Neuroradiology
University of Michigan, Ann Arbor

Larry Tanenbaum, MD, FACP

Vice President and Medical Director East Region,
Director of CT, MR and Advanced Imaging, Radnet, Inc.

*Dr. Tanenbaum disclosed he received speaker fees from GE, Siemens and
Philips, consulting fees from Guerbet and Bracco and advisor fees from
Icometrix.*

Max Wintermark, MD, MBA

Chief of Neuroradiology, Stanford University

Radiology Program Objectives

At the conclusion of the **Body Imaging** program, participants will be able to:

- Learn principle and technique of MRI and MR Elastography of Liver
- Recognize classic benign, intermediate and malignant liver entities
- Understand the strengths/benefits of female pelvic floor MRI and ultrasound
- Learn utility of ultrasound and MRI of male GU system
- Understand principles of PET MRI
- Discuss imaging technique for rectal cancer staging and restaging
- Review Advanced MR Imaging Techniques for Pancreatitis
- Review bariatric surgical techniques

At the conclusion of the **Neuroradiology** program, participants will be able to:

- Understand the utility of radiology report language standardization in the development of automated workflow and machine learning
- Appreciate enormous potential for brain mapping, diffusion tractography, and functional neurosurgery to change neuroradiology practice
- Recognize common but under-appreciated specific MRI correlates to lower back pain, develop approach for assessment of instrumented spine, and add value in spine oncology cases
- Learn utility of imaging evaluation for head/neck tumor detection, staging, and post-operative assessment, including discussion of common pitfalls.
- Develop an approach for evaluation of temporal bone disease, pulsatile tinnitus, and facial nerve disorders
- Learn imaging assessment of skull base and cranial nerve pathologies, with reinforcement by using case-based examples.
- Review role of advancing imaging and intervention in ischemic and hemorrhagic stroke management.

RADIOLOGY PROGRAM

Saturday, February 8, 2020

7:45 - 8:00am	LARS MEMBERSHIP MEETING Margaret Lee, MD, LARS President
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RADIOLOGY PLENARY SESSIONS

8:00 - 8:45am	Surviving in Practice: Quality & Patient Focused Imaging Lawrence Tanenbaum, MD
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8:45 - 9:30am	Future Shocks to Radiology and Beyond (CME) Frank Lexa, MD, MBA, FACR
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9:30 - 10:00am	EXHIBIT BREAK
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BODY IMAGING	NEURORADIOLOGY IMAGING	CRS LEADERSHIP
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Moderator: Kambiz Motamedi, MD	Moderator: Daniel Saket, MD	Moderator: Suzanne Palmer, MD
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10:00 - 10:30am	Approach to Liver Imaging - Benign Kathryn Fowler, MD	10:00 - 10:30am	Artificial Intelligence: Role in Diagnostic Imaging Lawrence Tanenbaum, MD	10:00 - 10:30am	Commoditization in Radiology: How To Prevent It Even When It Has Already Occurred (CME) Frank Lexa, MD, MBA, FACR
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10:30 - 11:00am	Focal Lesions in Fatty Liver - Challenges in Detection and Characterization Sudhakar Venkatesh, MD	10:30 - 11:00am	Brain Mapping: FMRI & DTI Tim Shepherd, MD	10:30 - 11:00am	Value in Radiology: The Changing Definitions and How WE Can Increase It and Capture (some of) It (CME) Frank Lexa, MD, MBA, FACR
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11:00 - 11:30am	Approach to Liver Imaging - Malignant Kathryn Fowler, MD	11:00 - 11:30am	Functional Neurosurgery Tim Shepherd, MD	11:00am - 11:30pm	MACRA's Quality Payment Program Update for 2020 (CME) Join Y. Luh, MD
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11:30am - 1:00pm	LARS 100 Year Anniversary Celebration and William G. Bradley Memorial Lecture and Luncheon Change Management, High Performing Teams, and Disruptive Innovation (CME) Alex Norbash, MD, MS				
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BODY IMAGING	NEURORADIOLOGY IMAGING	CRS LEADERSHIP
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Moderator:	Moderator:	Moderator: Suzanne Palmer, MD
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1:00 - 1:30pm	PET-MRI: An Answer Looking for the Right Question Daniel Margolis, MD	1:00 - 1:30pm	Pearls & Pitfalls in Head and Neck Tumor Evaluation Ashok Srinivasan, MD	1:00 - 1:30pm	Scenario Planning: A Paint by Number Approach to Creating Strategy (CME) Alex Norbash, MD, MS
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1:30 - 2:00pm	MRCP and Biliary Disease Courtney Moreno, MD	1:30 - 2:00pm	Post-Operative H&N Imaging Simplified Phil Chapman, MD	1:30 - 2:00pm	Transitional Leadership: Suggestions for Success (CME) Alex Norbash, MD, MS
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2:00 - 2:30pm	MR Elastography of the Liver Sudhakar Venkatesh, MD	2:00 - 2:30pm	Missed Cases in Head & Neck Phil Chapman, MD	2:00 - 2:30pm	Burnout/Wellness: Lessons Learned That Changed How I Practice (CME) Christine Glastonbury, MD
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2:30 - 3:00pm	EXHIBIT BREAK				
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BODY IMAGING	NEURORADIOLOGY IMAGING	CRS LEADERSHIP
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Moderator:	Moderator:	Moderators: Julie Bykowski, MD and Ashley Prosper, MD
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3:00 - 3:30pm	Which Contrast to Use for Liver Studies? Sudhakar Venkatesh, MD	3:00 - 3:30pm	Normal Temporal Bone Anatomy Phil Chapman, MD	3:00 - 3:30pm	Hiring and Promotions Through the Lens of Diversity (CME) Christine Glastonbury, MD
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3:30 - 4:00pm	Men's Imaging: Fertility and Function Daniel Margolis, MD	3:30 - 4:00pm	Temporal Bone: Looking Through the Third Window Ashok Srinivasan, MD	3:30 - 4:00pm	ACR Commission for Women and Diversity (CME) Johnson B. Lightfoote, MD, FACR
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4:00 - 4:30pm	Imaging Evaluation of Bariatric Surgery Patients Courtney Moreno, MD	4:00 - 4:30pm	Tinnitus: What's All the Buzz About? Ashok Srinivasan, MD	4:00 - 4:30pm	Equity and Inclusion (CME) Kathleen Brown, MD
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4:30 - 5:00pm	Diffuse Liver Disease Kathryn Fowler, MD	4:30 - 5:00pm	Facial Nerve Anatomy & Pathology Phil Chapman, MD	4:30 - 5:00pm	Panel Q&A (CME) Kathleen Brown, MD Christine Glastonbury, MD Johnson B. Lightfoote, MD, FACR
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5:00 - 6:00pm	LARS 100 YEAR ANNIVERSARY RECEPTION				
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5:00 - 6:00pm	CRS FOUNDATION FUNDRAISER				
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RADIOLOGY PROGRAM

Sunday, February 9, 2020

8:00 - 8:45am	Current Issues in Radiology (CME) Howard Fleishon, MD, FACR				
8:45 - 9:30am	PI-RADS v2.1 - Everything Old is New Again Dan Margolis, MD				
9:30 - 10:00am	EXHIBIT BREAK				
BODY IMAGING		NEURORADIOLOGY IMAGING		CRS LEADERSHIP	
	Moderator: Kambiz Motamedi, MD		Moderator: Daniel Saket, MD		Moderator: Anne C. Roberts, MD
10:00 - 10:30am	Imaging the Treated Prostate: Surgery, Radiation, and Focal Therapy Daniel Margolis, MD	10:00 - 10:30am	Low Back Pain: From a Diagnostic Radiologist Perspective Tim Shepherd, MD	10:00 - 11:30am Panel on Board Certification, MOC and OLA (CME) Valerie P. Jackson, MD, FACR Howard Fleishon, MD, FACR Paul Tierstein, MD	
10:30 - 11:00am	Abbreviated MRI for Liver Fat, Iron and Fibrosis? Sudhakar Venkatesh, MD	10:30 - 11:00am	Imaging the Instrumented Spine with MR and CT Lawrence Tanenbaum, MD		
11:00 - 11:30am	MRI of Rectal Cancer Courtney Moreno, MD	11:00 - 11:30am	Imaging of the Osseous Spine: Adding Value & Optimizing Patient Care Wende Gibbs, MD		
11:30am - 1:00pm	LUNCH PROVIDED				
BODY IMAGING		NEURORADIOLOGY IMAGING		CRS LEADERSHIP	
	Moderator:		Moderator:		
1:00 - 1:30pm	Why Fluoroscopic Defecography Remains Relevant: Updates on Rationale, Technique and Interpretation Suzanne Palmer, MD, FACP	1:00 - 1:30pm	Anterior Skull Base: Review of Imaging Anatomy & Pathologies Ashok Srinivasan, MD	1:00 - 1:30pm	JACR: Increasing Interest In and Pipeline for Authors, Reviewers, Editors K. Elizabeth Hawk, MS, MD, PhD
1:30 - 2:00pm	CT Colonography: Technique Update Courtney Moreno, MD	1:30 - 2:00pm	Central Skull Base: Case-Based Review Phil Chapman, MD	1:30 - 2:00pm	Combined CRS and LARS Officers Meeting
2:00 - 2:30pm	Body Imaging Artifacts and Pitfalls on MRI Kathryn Fowler, MD	2:00 - 2:30pm	Cranial Nerves IX-XII: Last But Not the Least Ashok Srinivasan, MD	2:00 - 2:30pm	CRS Annual Business Meeting: Legislative, Regulatory, Political Updates, Election of Officers
2:30 - 3:00pm	EXHIBIT BREAK				
BODY IMAGING		NEURORADIOLOGY IMAGING		CRS LEADERSHIP	
	Moderator:		Moderator:		
3:00 - 3:30pm	Female Pelvic Floor Simin Bahrami, MD	3:00 - 3:30pm	Stroke Imaging Max Wintermark, MD	3:00 - 5:00pm CRS Board Meeting	
3:30 - 4:00pm	Ultrasound of Thyroid Malignancy: Preop, Postop, PTSD Michelle Melany, MD	3:30 - 4:00pm	Perfusion Imaging Max Wintermark, MD		
4:00 - 4:30pm	Renal Mass Imaging: What's New in 2020 Vinay Duddalwar, MD	4:00 - 4:30pm	Future Directions in Stroke Intervention Shao-Pow Lin, MD		
4:30 - 5:00pm	Pancreatitis Ely Felker, MD	4:30 - 5:00pm	Imaging of Intracranial Hemorrhages Max Wintermark, MD		

CRS Program Faculty

Kathleen Brown, MD

Professor of Clinical Radiologic Sciences
Section Chief, Thoracic Imaging
Assistant Deans for Equity and Diversity Inclusion, UC Los Angeles

Howard Fleishon, MD

Associate Professor Department of Radiology and Imaging Sciences
Emory University
Vice Chair, ACR Board of Chancellors

Christine Glastonbury, MBBS

Professor of Clinical Radiology, Otolaryngology Head and Neck
Surgery, and Radiation Oncology
Vice Chair for Academic Affairs of Radiology
UC San Francisco

Elizabeth Hawk, MS, MD, PhD

Neuroradiology & Nuclear Medicine
DABR & DABNM
Clinical Instructor, Stanford University School of Medicine
Department of Radiology, Division of Nuclear Medicine
Member, ACR Council Steering Committee

Valerie Jackson, MD, FACP

Executive Director, The American Board of Radiology, Tuscon, AZ

Frank J. Lexa, MD, MBA, FACP

Professor and Vice Chair for Strategy and Leadership, Department
of Medical Imaging, University of Arizona College of Medicine
Chief Medical Officer, The Radiology Leadership Institute
Chair of the Commission on Leadership and Practice Development
of the American College of Radiology

Johnson B. Lightfoote, MD, FACP

Pomona Valley Hospital Medical Center
Chair, ACR Committee on Diversity and Inclusion

CRS Program Objectives

At the end of the CRS program the participant will:

- Understand the trend of corporatization in radiology including concerns about productivity demands, commoditization, profit, and the impact on quality and patient-centered care;
- Use learned strategies to innovate and find leadership opportunities within your organization;
- Understand the updates of and the issues surrounding initial ABR certification and maintenance of certification through panel discussion and Q&A with ABR, ACR and NBPS representatives;
- Be able to identify burnout and some strategies to reduce burnout;
- Understand where equity, diversity and inclusion in Radiology are in 2020;
- Know what the CRS has done over the past year in the legislative, regulatory and political arenas and discuss the updates on both successes and future challenges.

Join Y. Luh, MD, FACP

Radiation Oncologist
Providence St. Joseph Health
Dr. Luh has disclosed he is an advisory board member for Crux Quality Solutions, independent contractor for Legion Health Partners and shareholder/officer for Actimatech, Inc.

Alex Norbash, MD, MS

Professor and Chair, UCSD Radiology
UC San Diego Healthcare
Chair, ACR Commission on Neuroradiology
Dr. Norbash has disclosed he is scientific advisor for Siemens, GE Stryker and Penumbra and is a stockholder with Boston Imaging Core Laboratories

SAVE THE DATE

Nuclear Medicine Program Faculty

Patrick Colletti, MD, FACNM, FSNMMI

Professor of Radiology, Keck School of Medicine
University of Southern California

Bennett S. Greenspan, MD, MS, FACNM, FACR

Professor of Radiology,
Medical College of Georgia, Augusta University

Sonia Gupta, MD

Director of Ultrasound, Beth Israel Deaconess Medical Center,
Harvard Medical School
*Dr. Gupta has disclosed she receives consultant fees from Koios,
Google, IBM Watson Health and Suazio; medical director for Qure.
ai; board member for Guervet AI and speaker honorarium from
Ambra Health Speakers Bureau*

Andrei Iagaru, MD

Associate Professor of Radiology - Nuclear Medicine
Chief, Division of Nuclear Medicine and Molecular Imaging
Co-Director, PET-MRI research Program
Director, Nuclear Medicine Residency Program
Stanford University Medical Center

Hossein Jadvar, MD, PhD, MPH, MBA, FACNM, FSNMMI

Associate Professor of Radiology
University of Southern California
*Dr. Jadvar has disclosed he is investigator for ImaginAB and Subtle
Med and advisory board member for Bayer*

Nina Kottler, MD

VP, Clinical Operations, Radiology Partners

Join Y. Luh, MD

Radiation Oncologist, Providence St. Joseph Health/Oregon Health
and Sciences University
*Dr. Luh has disclosed he is an advisory board member for Crux
Quality Solutions, independent contractor for Legion Health
Partners and shareholder/officer for Actimatech, Inc.*

Ramya Nayalakonda, MD

Stanford University

Ashok Theruvath, MD

Stanford University

Nuclear Medicine Program Objectives

- Recognize and report less common lymphoma variants such as immunosuppressive treatment related and breast implantation related lymphoma
- Understand advantages and limitations of 18F-FDG PET and DW-MRI for staging and re-staging of LCH
- Understand the value of bone scintigraphy in Chronic Regional Pain Syndrome (CRPS) [formerly known as reflex sympathetic dystrophy (RSD)]
- Understand the pathophysiology, diagnostic workup and staging system of Langerhans Cell Histiocytosis (LCH)
- Understand underlying biology and mechanism of action for some of the new PET radiopharmaceuticals in prostate cancer
- Review several AI models in clinical use
- Understand some of the barriers to AI adoption



NUCLEAR MEDICINE PROGRAM

Saturday, February 8, 2020

OPENING SESSION	Moderator: K. Elizabeth Hawk, MS, MD, PhD
8:30 - 9:00am	SNMMI Update (NI, I)
9:00 - 9:45am	Keynote Lecture (I)
9:45 - 10:00am	EXHIBIT BREAK
LYMPHOMA	Moderator: John Shim, MD
10:00 - 10:30am	Introduction to Lymphoma (I) Patrick Colletti, MD
10:30 - 11:00am	Lymphoma NucS Lecture (I) USC Fellow
11:00 - 11:30am	PET/MR of Lymphoma in Pediatric Patients (I) Ashok Theruvath, MD
11:30am - 1:00pm	LARS 100 Year Anniversary Celebration and William G. Bradley Memorial Lecture and Luncheon Change Management, High Performing Teams, and Disruptive Innovation (CME) (NI) Alex Norbash, MD, MS
PROSTATE CANCER	Moderator: John Shim, MD
1:00 - 1:30pm	PSMA Theranostics in Prostate Cancer (T, R) Hossein Jadvar, MD
1:30 - 2:00pm	RM2 Theranostics (T, R) Andrei Iagaru, MD
2:00 - 2:30pm	Prostate Cancer - Radiation Oncology Prospective (NI, I) Join Y. Luh, MD
2:30 - 3:00pm	EXHIBIT BREAK
MUSCULOSKELETAL	Moderator: K. Elizabeth Hawk, MS, MD, PhD
3:00 - 3:30pm	Back to the Basics: MSK and Nuclear Medicine (I) Bennett Greenspan, MD
3:30 - 4:00pm	Comparison of DW-MRI and PET/MRI for Staging and Restaging of Children with Langerhanscell Histiocytosis (I) Ramya Nayalakonda, MD
ARTIFICIAL INTELLIGENCE	Moderator: Joyce Wang, MD
4:00 - 4:30pm	AI Applications in Clinical Practice (NI) Nina Kottler, MD
4:30 - 5:00pm	AI in the Future (NI) Sonia Gupta, MD
5:00 - 6:00pm	LARS 100 YEAR ANNIVERSARY RECEPTION
5:00 - 6:00pm	CRS FOUNDATION FUNDRAISER

Radiation Oncology Program Faculty

Christopher Crane, MD

Vice Chairman, Dept of Radiation Oncology
Memorial Sloan Kettering Cancer Center

Tanya Dorff, MD

Associate Clinical Professor, City of Hope

Daniel Spratt, MD

Associate Professor, Vice Chair of Research, University of Michigan
*Dr. Spratt disclosed he received advisory board member
honorarium from Blue Earth and Janssen.*

Beth Erickson, MD, FACR, FASTRO, FABS

Medical College of Wisconsin

Patricia A. Ganz, MD

Associate Director, Jonsson Comprehensive Cancer Center
UCLA Schools of Medicine & Public Health

Chelsea C. Pinnix, MD, PhD

Associate Professor, Residency Program Associate Director
Department of Radiation Oncology,
Hematology Malignancies Section
MD Anderson Cancer Center
*Dr. Pinnix disclosed that she received research grant funds from
Merk ad CO., honorarium from International Journal of Radiation
Oncology, Biology and Physics and consulting fees from Global
Oncology One.*

Jason Rownd

Lead Physicist for Brachytherapy
Medical College of Wisconsin

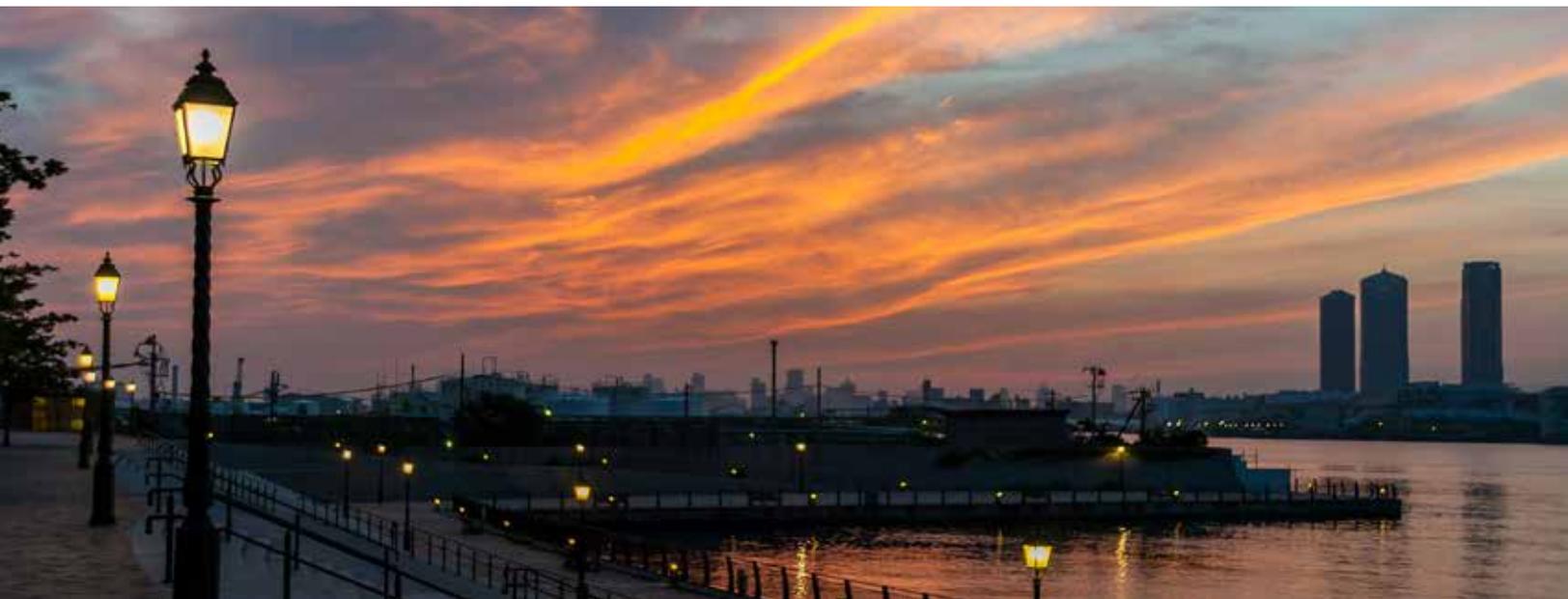
David Lu, MD

Professor of Radiology and Surgery, UCLA DGSOM
*Dr. Lu disclosed he received consulting fees and speaker
honorarium from Ethicon.*

Radiation Oncology Objectives

At the conclusion of the **Radiation Oncology** program, participants will be able to:

- Describe the OARs and techniques for delivering SBRT to pancreatic and liver tumors
- Understand the evidence for and toxicity profile of prostate SBRT
- Discuss the role of ADT and SBRT in the setting of oligometastatic prostate cancer
- In-depth review of contouring and brachytherapy for gynecologic malignancies
- Learn about the long-term effects of cancer therapies on survivors and strategies to improve outcomes
- Explore the evolving role of radiotherapy and immunotherapy in the management of Hodgkin and Non-Hodgkin lymphoma
- Focus on radiation treatment planning for Hodgkin and Non-Hodgkin lymphoma
- Review indications, complication, and relevant literature for IR tumor ablation



RADIATION ONCOLOGY PROGRAM

Saturday, February 8, 2020		Sunday, February 9, 2020	
7:45 - 8:00am	LARS MEMBERSHIP MEETING Margaret Lee, MD, LARS President		
	Moderator:		Moderator:
8:00 - 8:45am	Ablative Radiation for Unresectable Pancreatic Cancer Chris Crane, MD	8:00 - 9:00am	An Image-Based Approach for the Treatment of Gynecologic Cancers-External Beam Beth Erickson, MD
8:45 - 9:30am	Ablative Radiation for Hepatomas Chris Crane, MD	9:00 - 10:00am	Planning and QA for Gyn Brachytherapy Jason Rownd
9:30 - 10:00am	EXHIBIT BREAK	10:00 - 10:30am	EXHIBIT BREAK
	Moderator:		Moderator:
10:00 - 10:30am	HCC Tumor Board: An IR Perspective David Lu, MD	10:30 - 11:30am	An Image-Based Approach for the Treatment of Gynecologic Cancers-Brachytherapy Beth Erickson, MD
10:30 - 11:15am	Non-operative Management of Rectal Cancer Chris Crane, MD		
11:15 - 11:30am	Resident Case Presentation (City of Hope)	11:30 - 12:00pm	Resident Case Presentation (Cedars-Sinai and UCLA)
11:30am - 1:00pm	LARS 100 Year Anniversary Celebration and William G. Bradley Memorial Lecture and Luncheon Change Management, High Performing Teams, and Disruptive Innovation (CME) Alex Norbash, MD, MS	12:00 - 1:00pm	LUNCH PROVIDED
	Moderator:		Moderator:
1:00 - 1:45pm	Prostate SBRT: Is It Ready for Prime Time? Dan Spratt, MD	1:00 - 1:45pm	Radiation Therapy for Hodgkin Lymphoma: A Practical Guide to Therapy Chelsea Pinnix, MD, PhD
1:45 - 2:30pm	Genomic Classifiers in Prostate Cancer: What is Their Role? Dan Spratt, MD	1:45 - 2:30pm	Radiation Therapy in the Management of Non-Hodgkin Lymphoma (NHL) Chelsea Pinnix, MD, PhD
2:30 - 3:00pm	EXHIBIT BREAK	2:30 - 3:00pm	EXHIBIT BREAK
	Moderator:		Moderator:
3:00 - 3:45pm	Androgen Deprivation Therapy Together with Radiation in High Risk Localized and Oligometastatic Disease Tanya Dorff, MD	3:00 - 3:45pm	Survivorship & Quality of Life Issues Patricia Ganz, MD
3:45 - 4:30pm	Timing of Post-operative Radiotherapy and Addition of Hormone Therapy: Who, When, Why Dan Spratt, MD	3:45 - 4:30pm	The Evolving Role of Radiation Therapy among Patients with Refractory Lymphoma: An Intersection with Immunotherapy Chelsea Pinnix, MD, PhD
4:30 - 5:00pm	Resident Case Presentation (USC)	4:30 - 5:00pm	Resident Case Presentation (Kaiser Los Angeles)
5:00 - 6:00pm	LARS 100 YEAR ANNIVERSARY RECEPTION		

Registration and Hotel Information



The LARS 72nd Annual Midwinter Radiology & Radiation Oncology Conference & Conjoint Nuclear Medicine Seminar and CRS Annual Meeting and Leadership Summit will be held at the Sheraton Universal Hotel in Universal City, offering an ideal location by the highway and next to Universal Studios Hollywood. The Red Line Metro is easily accessible throughout Los Angeles and is less than a 10-minute walk from the hotel.

Sheraton Universal Hotel

333 Universal Hollywood Drive
Universal City, CA 91608

Room Rate: \$225 single/double plus tax

Reservation Cut-Off Date: Thursday, January 16, 2020

Reserve Online [Reservation Your Room Now](#) or call (888) 627-7168 or (818) 980-1212. Be sure to tell them you are with the Los Angeles Radiological Society to get the group rate.

Parking

Daily Parking: Valet Parking \$20 per day; Self-Parking \$14 per day (discounted from \$30)

Overnight Parking: Valet Parking \$45 per day; Self-Parking \$30 per day

All prices subject to change without notice

Conference Registration Information

Register ONLINE at <https://www.larad.org/meetings>; by FAX (916) 444-7462 or by MAIL

Pre-Registration Deadline: Friday, January 24, 2020

On-Site Registration: Saturday, February 8 & Sunday, February 9 - 7:00 a.m. – 5:00 p.m. Additional \$50 onsite fee applies.

Cancellation Policy: Full refunds, less \$75 administrative fee, when received on or before January 24, 2020. No refunds will be given for cancellations after this date. All requests for refund must be received in writing.

Registration Transfer: Registration can be transferred if requested by the original registrant prior to January 24, 2020. All requests must be received in writing.

Registration Hours & Conference Materials: The conference registration desk will be open Saturday and Sunday from 7:00am to 5:00pm. Please arrive early Saturday morning to allow time to pick up conference materials at the Registration Desk.

Special Assistance: If you require reasonable accommodation to participate in this event, please contact the LARS Office at 626.836.5800.

Explore Universal Studios Hollywood

Treat the whole family to the adventures at Universal Studios Hollywood! Explore the rides and attractions of Harry Potter, Jurassic Park, Minions and so much more! It's close enough to walk or take advantage of the hotel's free shuttle.

Get your [Universal Studios Hollywood Discount Tickets](#)

Universal CityWalk® Hollywood is a three-block entertainment, dining and shopping promenade with more than 30 places to eat, a hot nightclub, 19 screen theater with state-of-the-art IMAX® and more than 30 unique shops. It's LA's favorite place to play. City Walk is located directly next to Universal Studios Hollywood.

LARS MIDWINTER REGISTRATION FORM
FEBRUARY 8-9, 2020 · SHERATON UNIVERSAL HOTEL, UNIVERSAL CITY, CA

1. REGISTRANT INFORMATION – Please print or type

Name: _____ Designation _____
 Name of Clinical Practice _____
 City _____ State _____ Zip _____
 Email _____ Phone _____
 Date of Birth (MM/DD/YY) _____ ABR # _____

2. SELECT A PROGRAM

2-Day Radiology & Leadership Conference 2-Day Radiation Oncology 1-Day Nuclear Medicine*
 *Registration in the Nuclear Medicine Program does not include participation in the Radiology or Radiation Oncology lectures. You must register for a 2-day program if you plan to attend Nuclear Medicine on Saturday and Radiology or Radiation Oncology on Sunday.

3. REGISTRATION FEES

NEW! Group Rate Discount. Receive 10% off your registration fee when registering five (5) or more from the same company/institution. One registration form per person. Registrations must be submitted together to qualify for the discount. Applies to two-day registration only. Non-Members are not eligible.

Two-Day Conference	LARS / SCROS / CRS Member	Non-Member
Physician	<input type="checkbox"/> \$495	<input type="checkbox"/> \$800
Resident or Fellow**	<input type="checkbox"/> \$150	NA
Technologist or Business Manager***	<input type="checkbox"/> \$370	<input type="checkbox"/> \$470 ***Non-RBMA Member

Included in the registration fee: light breakfast and lunch both days and Saturday 100 Year Anniversary Reception

One-Day Conference*	LARS / SCROS / CRS / SNMMI Pacific SW Member	Non-Member
Physician	<input type="checkbox"/> \$375	<input type="checkbox"/> \$575
Technologist	<input type="checkbox"/> \$275	<input type="checkbox"/> \$375

Included in the registration fee: light breakfast, lunch and Saturday 100 Year Anniversary Reception

**Residents and fellows must be enrolled in a 4-year accredited residency or fellowship program. Registration includes membership in LARS.

Dietary Restrictions: Vegetarian Vegan Gluten Free Food Allergy: _____ Other: _____

If you require special accommodation to participate in this conference, please contact the LARS office at (626) 836-5800

4. SOCIAL EVENT FEES

Saturday 100 Year Anniversary Reception - \$40

5. PAYMENT INFORMATION

Check # _____ (Payable in US currency to Los Angeles Radiological Society)
 Credit Card Payment: VISA MASTERCARD AMEX DISCOVER
 Credit Card #: _____ Exp. Date: _____ 3-digit code: _____
 Cardholder's Name _____ Signature: _____
 Credit Card Billing Address: _____ Zip: _____
 Conference Registration Amount: \$ _____ + Membership Dues: \$ _____ + Social Event \$ _____ = Total: \$ _____

Physician Member Dues: \$275
Technologist Member Dues: \$50

Registration Deadline: January 24, 2020
 *On-site registration will be available for an additional \$50

If you are renewing membership dues, please check one:

- New Member-** Attach a completed membership application to this registration form (or enroll online) and register at the member rate.
 Renewing Member- 2020 dues must be paid prior to attending the Midwinter Meeting. Combine your registration with dues renewal

Submit Registration via email: kbain@amgroup.us; via mail: One Capitol Mall, Ste 800, Sacramento, CA 95814

LARS

LOS ANGELES RADIOLOGICAL SOCIETY
SOUTHERN CALIFORNIA RADIATION
ONCOLOGY SOCIETY

One Capitol Mall, Suite 800
Sacramento, CA 95814

