The Skeleton

Department of Diagnostic and Interventional Imaging Newsletter

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Feature

Interdisciplinary Lung Cancer Screening Program (Harris Health)

A project led by Drs. Susana Spence, Joseph Hasapes and Daniel Ocazionez was recently approved across the Harris Health platform. Lung Cancer Screening uses low dose CT of the chest to detect lung cancer in its earliest stage which will increase lives saved and reduce hospital costs by avoiding late stage cancer treatment. It requires approval from the hospital operational and financial administrators and involves an interdisciplinary collaboration between chest radiology, pulmonary medicine, thoracic surgery, primary care providers and nurse liaisons to carry out the program. It will be performed by both UT and Baylor College of medicine at LBJ and Smith Clinic.
Our residency program is initiating a resident mentorship program to facilitate mentoring of junior residents by senior residents. This is a wonderful opportunity for you to build your leadership skills and further your career and personal development while you closely network with other residents. Moreover, this would be a positive addition to your CV!

Participation in this mentorship program assumes your role as both a mentor and mentee. Exceptions include current R4s who will only be assigned mentees and incoming R1s who will only be assigned mentors.

If you are interested in participating in this program, please respond to the mentorship questionnaire by February 28, 2021. Your response will aid us in pairing you with your mentor/mentee.

All incoming and current residents may sign-up.

We hope this mentorship relationship will be a productive and rewarding experience!

**Mentorship Program Committee**

Steven Lee, MD  
Mindy Wang, MD  
Yunib Munir, MD  
Nico Cardenas, MD  
F. Eymen Ucisik, MD  
Latifa Sanhaji, MD
Section News
EMERGENCY RADIOLOGY

Dr. O. Clark West
- Reappointed to the position of ASER, ACR Alternate Councilor

Dr. Ronald Bilow
- Immediate Past-President of ASER: Dr. Bilow was the 5th President of the ASER from our department, following in the footsteps of Drs. Jack Harris, Stan Goldman, Clark West and Susan John
- Selected for inclusion in the 2020 Super Doctors® list published in the December 2020 issue of TEXAS MONTHLY magazine
- Appointed Chair of the McGovern Medical School, Student Evaluations and Promotions Committee
- Serving 5th year as McGovern Society Leader
- Appointed to the Memorial Hermann TMC MCI Committee

Dr. Latifa Sanhaji
- Serving 5th year as McGovern Society Leader

Dr. Naga Chinapuvvula
- Appointed to the Annual Meeting Scientific Program Subcommittee

Dr. Amanda Jarolimek
- Serving 2nd year as McGovern Society Leader

Dr. Susanna Spence
- Reappointed to the HCMS Emergency Care Committee

Other UT Faculty news from the ASER
- Dr. Manickam Kumaravel: Reappointed to the Core Curriculum Committee
- Dr. Manickam Kumaravel: Appointed to the Corporate Support Committee
- Dr. Mario Patino: Reappointed to the Core Curriculum Committee
- Dr. Ronald Bilow: Chair of the Nominating Committee
- Dr. Ronald Bilow: Executive Liaison to the Fellowship Education Committee
- Dr. Ronald Bilow: Appointed to the Web and Social Media Committee
- Dr. Nicholas Beckmann: Reappointed to Chair of the Membership Committee
- Dr. Elliott Friedman: Reappointed to the Resident Education Committee
Dr. Mihir Patel is the Associate Program Director for IR and oversees all educational components related to IR for the residents. He has developed a new IR educational curriculum, rotation schedule, and IR noon conferences. He is very involved with our residents during their IR rotations, often providing guidance and feedback through his monthly resident meetings. He works closely with the chief residents and Dr. Emma Ferguson to further improve and enhance the resident experience. As part of this initiative, Dr. Patel created a new IR Handbook as a reference to the residents. He has served as a liaison for the UT/MDACC Independent IR Residency and has been a strong advocate, leader, and teacher to our residents.
Diversity and Inclusion

The Office of Diversity and Inclusion recently interviewed Dr. Roy Riascos and inquired how he promotes diversity in his position at UTHealth. He responded, “We must outreach to underrepresented communities and serve as models for young people to follow. At our section with the support of our chair we have been able to grow an international visitors program where we have received over 30 trainees from four different continents over the last few years, we have also reached out to institutions in other countries and currently have a visitor program with the University el Bosque in Bogota.”

Click here to read the full article.
RSNA Highlights

PROGRAM SESSION

Pediatric US: General Considerations
Susan D. John, MD
Professor and Chair, Dept. of Diagnostic and Interventional Imaging
UTHSCSA/McGovern Medical School
Houston, TX

Special Interest Session: Improving Patient Experience through Human Design Thinking
(Sponsored by the RSNA Public Information Committee)

Code: SPSI25
AMA PRA Category 1 Credit(s)™: 1.00

LEARNING OBJECTIVES:
1) Apply human design thinking processes to create practical solutions to improve patient experience. 2) Use novel teaching methods to improve empathy and communication between physicians and patients. 3) Implement effective methods of providing equitable care and improving access to imaging.

Moderator(s): Susan D. John, MD
Topic(s): Leadership/Management
Pre-And Post-procedural Imaging Of Percutaneous Pulmonary Valve Implantation

Arzu Canan1, Daniel Ocacezio-Trujillo2, Thomas Foley3, Prabhakar Rajiah4

1. UT Southwestern Medical Center, Dallas, Texas, USA
2. UT Health Sciences Center, Houston, Texas, USA
3. Mayo Clinic, Rochester, Minnesota, USA

Testicular Germ Cell Tumors: Current Update on Classification, Pathology, Imaging FINDINGS, and Management

Roberto Monge, Jake Mayfield, Luis Garza, Sai Pola, *Grant Campbell, **Varaha Tammisetty, *Alia Nazarullah, ***Dhakshina Ganeshan, *Srinivasa Prasad & Venkat Katabathina

Gastrointestinal Bleeding: Imaging and Interventions in Cancer Patients

Jeffrey Gucconne, Mostaf Soliman, Alireza Khatchikian, Nir Stanietsky, Priya Bhosale, Ahmed S. Shelaby, Silvano Faria, Khaled M. Elseeg

Mesenchymal Neoplasms of the Prostate and Seminal Vesicles: 2020 Update on Taxonomy, Pathology and Imaging FINDINGS

*Leonardo M Marcal, **Raj M Paspulati, ***Alamadhi K Shanbhogue, ****Venkateswar R Surabhi; *Tharakeswara K Bathala, & *Srinivasa R Prasad

Molecular and Imaging Biomarkers of Common Endocrine Neoplasms: An Update for Radiologists

RSNA Highlights

EDUCATIONAL EXHIBITS

Cardiovascular CT & MRI in the Time of Covid-19
Livia Maria Frata Lima, Daniel Ocacione, Trujillo, Jordi Broncano, Phillip Young, Eric Williamson, Prabhakar Rajah

Hereditary Gynecological Neoplasia Syndromes: 2020 Update
Venkateswar Surabhi MD, Aditya Prasad, Ajay Morani, MD; Nisha Ramani; Venkat Katabathina, MD; Krishna Shanbhogue, MD

Departments of Radiology & Pathology
University of Texas MD Anderson Cancer Center, UT Health Houston, UT Health San Antonio and NYU Langone Health

No Financial Disclosures

MR-Directed and Non-MR Directed Prostate Biopsy Techniques: What the Radiologist and the Urologist need to know
J.L. Hanaki, MD; P.W. Rainal, MD; Y. Met, MD; S.E. Canfield, MD; G.E. Ayala, MD; S.S. Arora, MBBS; V.S. Sanmises, MD

The University of Texas MD Anderson Cancer Center

MR-Directed and Non-MR Directed Prostate biopsy Techniques: What the Radiologist and the Urologist Need to Know
5 minutes 50 seconds

Detection of Diffusely Abnormal White Matter using Multimodal MRI and Deep Convolutional Neural Networks
Refaat E. Gabr, Ivan Coronado, Ponnada A. Narayana

Department of Diagnostic and Interventional Imaging, McGovern Medical School
University of Texas Health Science Center at Houston (UT Health)
Houston, Texas

Implementation of Synthesized 3D Tomosynthesis and Cancer Detection on Stereotactic Biopsy Performance

1. Department of Breast Imaging, MD Anderson Cancer Center Houston, Texas
2. Department of Radiology, University of Texas Health Science Center in Houston

Full Field Synthetic Mammography: Outcomes as Assessed by Stereotactic Biopsy Results
3 minutes 10 seconds
RSNA Highlights

EDUCATIONAL EXHIBITS

Genitourinary Fistulas: Imaging Approach and Case Review

J A Kohlhofer, MD; W J Choi, DO; S O Krider, MD; S Klimkowski, MD; C Duran, MD; M A Skaug, MD
University of Texas Medical Branch

Don’t Bleed to know the Bleeds! Systematic Case-Based Approach for Correct Localization of Bleeds/Hemorrhages

SS Chua**, MD PhD; L Chaudhary, MD; KG Shiralkar, DO; Pazioni E, Matta

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Doppler Ultrasound as a Critical Problem Solving Tool to Answer Complex and Common Vascular Pathologies

SS Chua MD PhD**, EJ Matta MD
The University of Texas Health Science Center at Houston

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RADIOGRAPHICS PEER REVIEWER

Venkateswar R. Surabhi, MD

RADIOGRAPHICS PANEL REVIEWERS

Manickam Kumaravel, MD, FRCR
Venkateswar R. Surabhi, MD
Mindy X. Wang, MD
ACORE Board Review

The Academy of Online Radiology Education is hosting Khaled Elsayes, MD, Victoria Chernyak, MD, and Vincent Mellnick, MD on Thursday, January 28, 2021, 11am-1pm CST for an Intensive "Gastrointestinal Board Review."

Since space is limited, we encourage you to secure your spot early.

*Registration is limited only to R4 residents taking the American Board of Radiology Exam in February 2021.
What virtual meeting content is relevant to trainees? Here are some great starting points that you can explore through April 30, 2021:

**RSNA Resident and Fellow Symposium**
Available on-demand topics from RSNA 2020 are available. Topics include:
- Job Market Update
- Review of the Changing Radiology Marketplace
- ABR Virtual Exams Overview
- Radiology Residency Program Management in the COVID Era - Strategy and Reality

**Educational Exhibit and Session Suggestions for Trainees**
The RSNA News issue highlighted the Annual Meeting and included the following suggestions for trainees:
- Avoiding Common On-call Errors: A Guided Tutorial for Radiology Residents
- Simplifying NI-RADS: A Resident's Guide to the New ACR New Imaging Reporting and Data Systems (NI-RADS) with Case-Based Examples and Self-Assessment Quiz
- QI in QI: Reviewing Uses of Artificial Intelligence in Pre-Interpretation Processes from Clinical Decision Support to Resident Education
- How to Read an Abdominal CT: Guidance for Radiology Residents from the Visual and Cognitive Sciences
- Contrast Enhanced Ultrasound (CEUS) for Residents: How To Do It and How To Read It
- Radiomics for Beginners: A Practical Issue for Residents
- Interactive Learning Module for Resident Education of Abdominal MRI Fundamentals and Common Pathologies
- Preparing for an Imaging Surge: COVID-19 Chest Radiograph Education within an Academic Radiology Training Program
- Special Interest Session: Building a Diverse Radiology Workforce
- Special Interest Session: The Academy Imaging Shark Tank: Preparing Imaging Investigators to Dive into the 'Shark Tank'


• Abdel Aal AK. Outcomes of transjugular intrahepatic portosystemic shunt using 12mm diameter polytetrafluoroethylene covered stents in cirrhotic patients with portal hypertension. Accepted in Diagn Interv Radiol. 2020.
Publications (Continued)


- Naqvi SHS, Brooks KA, ... Asi KW. Patino MO, Friedman ER. Karni RJ. 4D-CT facilitates focused parathyroidectomy in patients with primary hyperparathyroidism by maintaining a high negative-predictive value for uninvolved quadrants. Am J Otolaryngol. 2020 Nov-Dec;41(6):102683. PMID: 32862032.


Alumni Corner

We are in the midst of a project to create an updated database of all our program alumni and their contact information. Please help update your biographical information on this form.

In the future, we would like to include noteworthy updates about our alumni in our newsletter. If there is anything you would like to share, please send it to Joan Dela Cruz at Joan.B.DelaCruz@uth.tmc.edu.

Editors
Dr. Elliott Friedman
Dr. Jeff Guccione
Sally Choi
Dr. Mindy Wang
Dr. Mamie Gao
Joan Dela Cruz

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