

# RSNA 2009

## Emory at RSNA

Each year Emory is strongly represented at the Radiological Society of North America (RSNA). Residents, fellows and faculty continue this tradition through their involvement in Educational Exhibits, Scientific Papers and Course presentations at the 95<sup>th</sup> Annual Scientific Meeting.

The conference will be held the week following the Thanksgiving Holiday, November 29 - December 4.

Please take a moment to recognize those who, through hard work and dedication, have been invited to share their knowledge as experts of radiology.

## ANNUAL EMORY RADIOLOGY ALUMNI RECEPTION

All radiology professionals who have been touched by Emory during their career are invited to attend the Alumni Reception in Chicago, during the week of RSNA.

Monday, November 30, 2009  
6:30 p.m. - 8:30 p.m.

InterContinental Chicago Hotel  
Camelot Ballroom  
505 North Michigan Avenue  
Chicago, IL 60611

The evening will include light hors d'oeuvres and an opportunity touch base with your Emory colleagues. Please visit the Current Events page of the [radiology.emory.edu](http://radiology.emory.edu) website for all up-to-date information.

Please RSVP by November 20, 2009 to Laura Padgett:  
Laura.Padgett@emoryhealthcare.org  
or 404.712.5497

## RSNA Presentations

Sunday

Time	Location	Type	Title	Presenter(s)
11:45 - 11:55	S404AB	Scientific Paper	Physics (CT: New Methods); Focal Spot Wobbling in Volumetric CT for Diagnostic Imaging: Revisited with Row Wise Fan-to-Parallel Rebinning	<b>Xiangyang Tang, PhD</b> Abstract Co-Authors: Suresh Narayanan, MS, Jiahua Fan, PhD, Jiang Hsieh, PhD, Jed Pack, Roy Nilsen
12:30 - 1:30	Lakeside Learning Center	Scientific Poster	Pediatric; Evaluation of a New Phosphor Plate Technology for Neonatal Portable Chest Radiographs	Mervyn Cohen, MBChB Abstract Co-Authors: Donald Corea, DO, Matthew Wanner, MD, Boaz Karmazyn, MD, Richard Gunderman, MD, PhD, <b>Kimberly Applegate, MD, MS</b>
2:00 - 3:30	RC115A	Refresher/ Informatics	Mammographic Interpretation; Analysis of Masses	<b>Carl Joseph D'Orsi, MD</b>
2:00 - 3:30	E352	Refresher/ Informatics	Essentials of Molecular Imaging and Systems Diagnostics for Clinical Radiologists; What Is Molecular Imaging?	<b>Daniel Lee, MD, PhD</b>

Monday

Time	Location	Type	Title	Presenter(s)
8:30 - 10:00	RC209B	An Interactive Session	Categorical Course in Diagnostic Radiology: Gastrointestinal — Small Bowel; Small-Bowel Obstruction and Inflammatory Bowel Disease	<b>Courtney Ann Coursey, MD</b>
11:50 - Noon	S504CD	Scientific Paper	Molecular Imaging (Multimodality); A Retrospective Comparative Analysis of 18-F-FDG PET/CT versus 111-In-Pentetreotide Imaging Correlated with Histological Differentiation in the Evaluation of Neuroendocrine Tumors	<b>Jaime Montilla, MD</b> Abstract Co-Authors: Volkan Adsay, David Kooby, MD, <b>Naomi Alazraki, MD</b> , Malcolm Squires, BS, MD, <b>Fidias De Leon, MD</b>
1:30 - 3:05	S406A	Multisession Course	Cardiac CT Mentored Case Review: Part III (In Conjunction with the North American Society for Cardiac Imaging)	<b>Arthur Stillman, MD, PhD</b> , Robert Steiner, MD
3:00 - 4:00	N228	Scientific Paper	Neuroradiology (Brain: Memory and Cognition Disorders)	<b>Carolyn Meltzer, MD, FACR, Mark Mullins, MD, PhD</b>
3:30 - 6:00	S406A	Multisession Course	Cardiac CT Mentored Case Review: Part IV (In Conjunction with the North American Society for Cardiac Imaging)	<b>Arthur Stillman, MD, PhD</b> , Gautham Reddy, MD
4:30 - 6:00	S404CD	Focus Session	Clinical Needs for Quantitative Imaging in Brain Disorders	<b>Carolyn Meltzer, MD, FACR</b>

Tuesday

Time	Location	Type	Title	Presenter(s)
8:30 - 10:00	RC351	How-to Workshop	Body MR Imaging: Current Role and New Ideas	Richard Charles Semelka, MD, <b>Diego R. Martin, MD, PhD</b> , Jorge Elias Jr, MD, Ersan Altun, MD, PhD
8:30 - 10:00	S502AB	Refresher/ Informatics	Categorical Course in Diagnostic Radiology Physics: Advances in Digital Tomosynthesis—From Physics to Clinical Application: Optimization, Radiation Dosimetry in Tomosynthesis Imaging of the Breast	<b>Ioannis Sechopoulos, PhD</b>
3:00 - 4:00	E353C	Scientific Paper	Gastrointestinal (Liver Ablation: RF Ablation and Cryoablation)	John McGahan, MD, Srinivasa Prasad, MD, <b>William Torres, MD</b>
3:30 - 3:40	N227	Scientific Paper	Emergency Radiology (Skull Base and Spine Trauma); Exploding Delayed Epidural Hematoma: A Potential Complication of Traumatic Brain Injury Following Decompressive Craniectomy	Jason Talbott, MD, PhD Abstract Co-Authors: <b>Ashley Aiken, MD</b> , Shirley Stiver, MD, PhD, Alisa Gean, MD
4:30 - 6:00	E264	Hands-on Workshop	US-guided Interventional Breast Procedures	Elsie Levin, MD, Rachel Brem, MD, <b>Carl D'Orsi, MD</b> , W. Phil Evans, MD, Bruno Fornage, MD, Liane Philpotts, MD, William Poller, MD, Joseph Spigel, MD, Mary Mahoney, MD, Stamatia Destounis, MD, Margaret Szabunio, MD, Priscilla Slanetz, MD, MPH
4:30 - 6:00	S503AB	Refresher/ Informatics	Advances and Updates in Gastrointestinal and Genitourinary Nuclear Medicine	Harvey Ziessman, MD, <b>Raghuveer Halkar, MD</b>
4:30 - 6:00	E450A	Refresher/ Informatics	Categorical Course in Diagnostic Radiology: Gastrointestinal—Acute Abdomen (An Interactive Session); Acute and Chronic Conditions Related to Gallstones	<b>William Small, MD, PhD</b>

## RSNA 2009

Wednesday

Time	Location	Type	Title	Presenter(s)
8:30 - 10:00	S406B	Multisession Course	Molecular Imaging: Overview and Basics; Overview of Contemporary PET Scanning for Personalized Medicine	<b>Naomi Alazraki, MD</b>
10:30 - 10:40	S502AB	Scientific Paper	ISP: Cardiac (CT/MR Imaging: Risk Stratification - Part 1); Chest Keynote Speaker: Population Studies — How Badly Are They Needed?	Richard White, MD, <b>Arthur Stillman, MD, PhD</b>
10:30 - Noon	Arie Crown Theater	Scientific Paper	ISP: Breast Imaging (Interventional Management of High-Risk Lesions)	Mary Mahoney, MD, <b>Carl D'Orsi, MD</b>
11:50 - Noon	S102D	Guidelines and Outcome Evaluation	ISP: Health Services, Policy, and Research; Nephrogenic Systemic Fibrosis: Change in the Incidence Following a Switch in Gadolinium Agents and Adoption of a Gadolinium Policy—A Report from Two American Universities	Ersan Altun, MD Abstract Co-Authors: <b>Diego Martin, MD, PhD</b> , Rebecca Wertman, Aida Lugo-Somolinos, Edwin Fuller, MD, Richard Semelka, MD
12:15 - 1:15	Lakeside Learning Center	Scientific Poster	Informatics: Using RSNA's Learning Portfolio	<b>Jay Patel, MD</b> Abstract Co-Author: <b>Mark Mullins, MD, PhD</b>
12:15 - 1:15	Lakeside Learning Center	Scientific Poster	Molecular Imaging; In Vivo Bioluminescence Imaging: Monitoring of the Tumor Protective Protein Hypoxia Inducible Factor-1 $\alpha$ in Response to Conventional and Low Dose Metronomic Chemotherapy	Ronald Viola, MD Abstract Co-Authors: <b>James Provenzale, MD</b> , Hong Yuan, PhD, Chuan-Yuan Li, PhD, Fang Li, Mark Dewhurst, DVM, PhD
2:00 - 3:00	N135	Intro To Research	Introduction to Academic Radiology and IRIYA; Small Groups and Panel on Mentoring Issues	Melissa Rosado De Christenson, MD, John Eng, MD, Joel Fletcher, MD, <b>James Provenzale, MD</b>
3:00 - 4:00	E352	Scientific Paper	Vascular/Interventional (Portal Interventions)	Bertrand Janne d'Othee, MD, MPH, Wael Saad, MBCh, Patrick Gonzales, BEng, Jonathan VVest, Renumathy Dhanasekaran Abstract Co-Authors: Ram Subramanian, Samir Parekh, James Spivey, <b>Kevin (Hyun S.) Kim, MD, FSIR</b> , et. al.
3:00 - 4:00	N229	Scientific Paper	Neuroradiology (Brain, Metabolic and Systemic Disorders)	Marco Essig, MD, <b>James Provenzale, MD</b>
3:00 - 4:00	S502AB	Scientific Paper	Cardiac (CT/MR Imaging: Risk Stratification - Part 2)	Frank Rybicki, MD, PhD, <b>Arthur Stillman, MD, PhD</b> , Andre Duerinckx, MD, PhD
3:50 - 4:00	S504AB	Scientific Paper	Cardiac (CT/MR Imaging: Miscellaneous); Comparison of the Effect of Intravenous Low-osmolal Iopamidol and Iso-osmolal Iodixanol on Heart Rate during Nongated Chest CT Angiography: Results of a Prospective Randomized Multicentric Study	Carl Chartrand-Lefebvre, MD Abstract Co-Authors: Charles White, MD, Julie Prenovault, MD, Sanjeev Bhalla, MD, William Mayo-Smith, MD, <b>Kay Vydareny, MD</b>
4:30 - 6:00	E352	Focus Session	Wait, Wait, Don't Tell Me: Neuroradiology/Head and Neck Edition	Lawrence Ginsberg, MD, Richard Wiggins, MD, <b>Patricia Hudgins, MD</b> , C. Douglas Phillips, MD

Thursday

Time	Location	Type	Title	Presenter(s)
8:30 - 10:00	RC607	An Interactive Session	Genitourinary Emergencies: Case-based Approach	Syed Zafar H. Jafri, MD, Courtney A. Woodfield, MD, <b>Deborah Ann Baumgarten, MD, MPH</b>
10:30 - Noon	S505AB	Scientific Paper	ISP: Nuclear Medicine (Endocrine and Neuroendocrine Imaging)	William Spies, MD, <b>William Fajman, MD</b>
10:50 - 11:35	N135	Intro To Research	Introduction to Academic Radiology and IRIYA; Skills: Preparing a Manuscript	<b>James Provenzale, MD</b>
11:40 - 11:50	S402AB	Scientific Paper	Informatics (Image Management and Analysis); Improving PACS Radiograph Workflow by Automatic Recognition of Anatomical Content and Orientation	Xiang Zhou Abstract Co-Authors: Yimo Tao, Zhigang Peng, Chen Yuanhsi, <b>Arun Krishnan, PhD</b>
1:30 - 3:05	S406A	Multisession Course	Cardiac CT Mentored Case Review: Part III (In Conjunction with the North American Society for Cardiac Imaging)	<b>Murray Baron, MD, Elliot Fishman, MD</b>

Friday

Time	Location	Type	Title	Presenter(s)
8:30 - 10:00	S504CD	Refresher/ Informatics	Models and Methods for Effective and Efficient Medical Imaging: Science and Technology Education	<b>Perry Sprawls, PhD</b> , Debra Monticciolo, MD, E. Russell Ritenour, PhD
10:30 - Noon	E353A	Scientific Paper	Gastrointestinal (Rectal Cancer: Advanced Imaging)	<b>William Small, MD, PhD</b> , Abraham Dachman, MD
10:50 - 11:00	S503AB	Scientific Paper	Cardiac (CT Angiography: Dual Energy); Quantification of Coronary Artery Calcium Using Dual-energy Subtraction Digital Radiography	John Mafi, BS Abstract Co-Authors: <b>Baowei Fei, PhD</b> , Robert Gilkeson, MD, Sharon Roble, MD, Anthony Dota, MD, Prashanth Katrapati, MD

## Educational Exhibits

Located In The Lakeside Learning Center, Hall E

Sunday ~ 8:00 am - 6:00 pm; Monday - Thursday ~ 7:00 am - 10:00 pm; Friday ~ 7:00 am - 12:45 pm

Title	Presenter(s) ~ Co-Author(s)
Primer on CT-guided Procedures: What the Radiology Residents Need to Know	<i>Nimesh Patel, MD ~ Zahir Momin, MD, Unni Udayasankar, MD, FRCR, Pardeep Mittal, MD</i>
Differential Diagnosis of Primary Retroperitoneal Masses Based on Site of Origin and MR Signal Characteristics	<i>Zahir Momin, MD, Unni Udayasankar, MD, FRCR, Pardeep Mittal, MD</i>
Testicular Ultrasound: What the Radiologist Needs to Know	<i>Zahir Momin, MD, Unni Udayasankar, MD, FRCR, Pardeep Mittal, MD</i>
Hepatic Malignant Lesion RF Ablation: Optimization Probe Placement	<i>Jianhai Li ~ Unni Udayasankar, MD, FRCR, William Small, MD, PhD, William Torres, MD</i>
Patient-related Optimal Contrast Dose in Abdominal MDCT	<i>Jianhai Li ~ Unni Udayasankar, MD, FRCR, William Small, MD, PhD</i>
BI-RADS Tutor®: CAD-based Interactive Electronic Teaching File for BI-RADS Training in Assessment and Reporting	<i>Michael Galperin, PhD ~ Haydee Ojeda-Fournier, MD, Michael Andre, PhD, Linda Olson, MD, Christopher Merritt, MD, Carl D'Orsi, MD</i>
Genitourinary: Determination of the Confidence Interval for Calculations of Glomerular Filtration Rate Following Infusion of Gadolinium Chelate and MR Imaging	<i>Nivedita Raghunath, MS ~ Courtney Mitchell, BS, Khalil Salman, MD, Puneet Sharma, PhD, Diego Martin, MD, PhD, John Carew, PhD</i>
Peribronchovascular Spread of Disease	<i>Emma Ferguson, MD ~ Eugene Berkowitz, MD</i>
Masses in the Cardiophrenic Sulcus	<i>Emma Ferguson, MD ~ Eugene Berkowitz, MD</i>
Pleural Pandemonium: Differentiating the Plethora of Pleural Lesions	<i>Patricia Poole, MD ~ Eugene Berkowitz, MD, Emma Ferguson, MD</i>
Esophageal Rupture: A Pictorial Review of Common and Unusual Causes	<i>Emma Ferguson, MD ~ Eugene Berkowitz, MD, Stanford Goldman, MD</i>
The Synovium: What Have We Learned So Far?	<i>Valeria Moncayo, MD ~ Claude Pierre-Jerome, MD, PhD, Syed Ali, MBBS, Sima Banerjee, MBBS, Michael Terk, MD</i>
How to Choose an Embolization Agent: A Systematic Approach	<i>Michael Lubarsky, MD ~ Charles Ray, MD, Brian Funaki, MD</i>