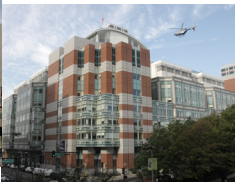




Beth Israel Deaconess
Medical Center



A teaching hospital of
Harvard Medical School



Guide to

BIDMC Radiology

Scientific Sessions, Courses & Exhibits



RSNA 2013
Radiological Society of North America
99th Scientific Assembly and Annual Meeting
Sunday, December 1st - Friday, December 6th, 2013
McCormick Place, Chicago, Illinois

Sunday, December 1, 2013

PS10F
8:30-10:15 AM
Arie Crown Theater



Opening Session
Annual Oration in Diagnostic Radiology: We Must
Stand on the Shoulders of Giants. **Damian E.
Dupuy MD***, Matthew A. Mauro MD

*Deaconess Hospital Radiology Residency Alumnus (1989-1993)

MT107
9:30 AM and 3:30 PM
Mobile Connect
Lounge
(RSNA Services Area -
Lakeside Ballroom)

New Mobile Connect Lounge Theater Presentation:
Lieberman's Scrollable Seminars in Radiology
- **Gillian Lieberman**

SSAO1-07
10:45-12:15 AM
Arie Crown Theater

Breast Imaging (Diagnostic US)
Indications for Biopsy of Imaging-detected Intramammary and
Axillary Lymph Nodes in the Absence of Concurrent Breast
Cancer. Christine Westra, **Vandana M Dialani, Shambhavi
Venkataraman, Valerie J Fein-Zachary, Alexander Brook,
Tejas S Mehta**

SSA12-03
10:45-12:15 PM
S504CD

ISP: Molecular Imaging (Oncology 1)
Characterization of Perfusion and Therapeutic Resistance in
a Renal Cell Carcinoma Mouse Model with Hyperpolarized
13-C-tert-butanol. **Leo L Tsai, Xiaoen Wang, Gopal Varma,
David C Alsop, Rupal Bhatt, Aaron K Grant**

SSA04
10:45-12:15 PM
S404CD

Chest (Vascular)
Phillip M. Boiselle, Smita Patel - Moderators

SSA14
10:45-12:15 PM
E451B

Musculoskeletal (Tumor 1)
Mark D. Murphey, **Jim S Wu** - Moderators

*The Department of Radiology
18th Annual Alumni Cocktail Reception
Beth Israel Deaconess Medical Center*

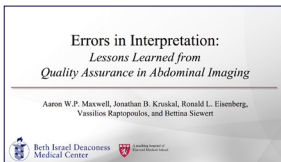
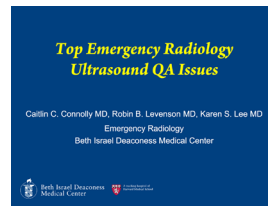


*Dr. Jonathan Kruskal
&
The Department of Radiology
request the honor of your presence*

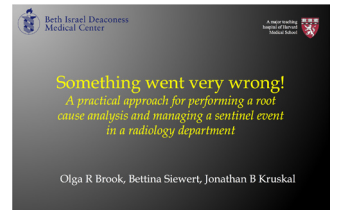
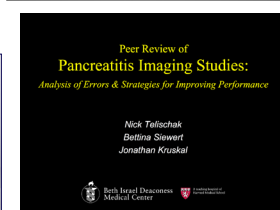
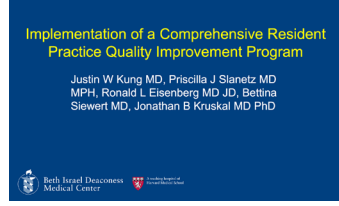
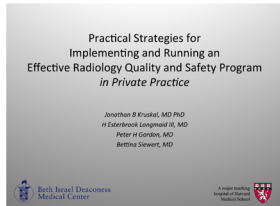
*Tuesday, December 3rd, 2013
6:00 pm to 8:00 pm
University Club of Chicago
76 East Monroe Street
Business or business casual attire, no jeans*

Monday, December 2, 2013	
VSG121 8:30-12:00 PM N227 VSG121-10	Gastrointestinal Series: Emerging Issues in Abdominal CT Jonathan B. Kruskal , Giles W. Boland - Moderators The Clinical Impact of Retrospective Analysis in Spectral Detector Dual Energy Body CT. Michal H Gabbai, Isaac Leichter, Zimam Romman, Amiaz Altman, Jacob Sosna
RC202 8:30-10:00 AM S502AB	Teaching Leadership Strategies to Residents for Future Health Care Challenges. Vijay M Rao, Richard E Sharpe , Carol M Rumack- Faculty
SSC04 10:30 AM - 12:00 PM S404AB SSC04-06	ISP: Chest (Lung Nodule/Screening) James G. Ravenel, Alexander A. Bankier - Moderators CT Screening for Lung Cancer: Current Practice Patterns at Leading Academic Medical Centers. Phillip M Boiselle , Charles S White, James G Ravenel
SSE04-02 3:00-4:00 PM S504AB	<i>Cardiac (Nonischemic Cardiomyopathy)</i> Cardiac Remodeling after Pulmonary Vein Isolation in Patients with Atrial Fibrillation Is Related to the Degree of Baseline Left Ventricular Diffuse Fibrosis. Murilo Foppa, Reza Nezafat, Warren J Manning , Mark E Josephson, Hussein Rayatzadeh, Neville Gai, Jaime Shaw, Sebastien Weingartner, Harsh Parmar
SSE09 3:00-4:00 PM E451A	Gastrointestinal (Cirrhosis and Portal Venous Hypertension) Koenraad J Mortele , Rendon C. Nelson - Moderators
SPSI22C 4:30-06:00 PM N229	<i>Special Interest Session: Getting Radiologist Peer Review Right</i> Peer Review as your PQI Project - Bettina Siewert MD

Tuesday, December 3, 2013	
MSCC31 S406A 8:30-10:00 AM	<i>CASE-BASED REVIEW OF NUCLEAR MEDICINE: PET/CT Workshops (In Conjunction with SNMMI) (Interactive sessions)</i> Head and Neck Cancers - John Anthony Parker , Rathan M. Subramaniam
MSCC32 10:30-12:00 PM	Cancers of the Abdomen and Pelvis - John Anthony Parker , Jacqueline C Brunetti,
MSCC33 1:30-3:00 PM	Lymphoma/Melanoma/Sarcoma - John Anthony Parker , Heather Jacene
MSCC34 3:30-5:00 PM	Cancers of the Thorax - John Anthony Parker , Terence Z Wong
MSQ131 8:30 AM -10:00 AM S406B MSQ131B MSQ131C	<i>*Quality Improvement: Safety at Work</i> Jonathan B Kruskal , James V Rawson, Lane F Donnelly - Moderators Staff Safety in the Radiology Department - What Dangers Lurk? - Olga R Brook Risk Management 101 for Radiologists - Ronald L Eisenberg
MSQ132 10:30 AM -12:00 PM	Quality Improvement: Keeping Our Customers Satisfied Jonathan B Kruskal , James V Rawson - Moderators
MSQ133 1:30-3:00 PM	Quality Improvement: Strategies for Improving Patient Safety: Root Cause Analysis Jonathan B Kruskal , James V Rawson - Moderators
VSGI31-04 8:30-12:00 PM N230	<i>Gastrointestinal Series: Pancreas - Inflammation and Neoplasm</i> Pancreatic Cancer - Koenraad J Mortele
RC306B 8:30-10:00 AM E451A	<i>Temporal Bone Imaging</i> Cholesteatoma and Inflammation - Gul Moonis
SSG04-02 10:30 AM-12:00 PM S404CD	Respiratory Muscle Movement in Pompe Disease Using Cine Magnetic Resonance Imaging. Pierluigi Ciet , Stephan C Wens, Adria Perez-Rovira, Karla M Logie, Piotr A Wielopolski, Marleen De Bruijne, Ans T Van Der Ploeg, Pieter A Van Doorn, Harm A Tiddens
SSG17 E353A 10:30 AM-12:00 PM SSG17-01 SSG17-03	<i>Vascular/Interventional (Ablative Therapies)</i> Hepatic Radiofrequency (RF) Ablation-induced Stimulation of Distant Subcutaneous Tumor Growth: Suppression with a c-MET Kinase Inhibitor. Muneeb Ahmed , Gaurav Kumar , Marwan Moussa , Nir Rozenblum, S. Nahum Goldberg Optimizing Pulsed Irreversible Electroporation Deposition. Ayelet Wandel, Muchamad Faruja, Isaac Nissenbaum, Eliel Ben-David, Liat Appelbaum, S. Nahum Goldberg



BIDMC at RSNA 2013: *It's all about Quality*



Names in Bold = BIDMC Radiology Faculty/Staff Trainees

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*ARLM (Academy of Radiology Leadership and Management) accredited

Tuesday, December 3, 2013 (Cont'd)	
RC424 4:30-6:00 PM E352	Publishing in Radiology: <i>What you always wanted to know and never asked.</i> Herbert Y. Kressel, Deborah Levine, Alexander A. Bankier , Elkan F. Halpern, David F. Kallmes - Faculty
RC414 4:30-6:00 PM N226	Pain and Sedation in 2013. Max P Rosen , Fred E Shapiro, Hesham H Malik, Richard D Urman - Faculty

Wednesday, December 4, 2013	
RC 524 8:30-10:00 AM S102D	Reviewing Manuscripts for the RSNA Journals (<i>Sponsored by RSNA Publications Council</i>) Herbert Y Kressel , Jeffrey S Klein - Faculty
RC501B 8:30-10:00 AM N228	<i>Chest Imaging: How Radiologic-Pathologic Correlation Informs Interpretation.</i> Diseases of the Small Airways - Phillip M Boiselle
SSK07-02 10:30 AM-12:00 PM E353B	<i>Gastrointestinal (Pancreatic Benign Disease)</i> Accuracy of a Novel Noninvasive MRI Severity Scoring System for Chronic Pancreatitis: Correlation with EUS. Daniel A Souza, Gyanprakash A Ketwaroo, Mandeep Sawhney, Koenraad J Morteale
MSES43B 1:30-3:00 PM S100AB	<i>Essentials of Chest Imaging</i> Imaging Pulmonary Edema: Elucidate Heart Lung Interaction - Diana Litmanovich
VSIO41 1:30-6:00 PM S405AB	Interventional Oncology Series: Progress, Challenges & Opportunities S Nahum Goldberg - Moderator
VSIO41-04	Combination Therapy - Muneeb Ahmed
VSIO41-08	Radiofrequency (RF) Ablation: Does the Primary Site of Ablation Affect Distant Tumor Growth? <u>Gaurav Kumar</u> , S. Nahum Goldberg , <u>Marwan Moussa</u> , Nir Rozenblum, Muneeb Ahmed
VSIO41-12	Futruce Directions for IO - S Nahum Goldberg
SSM02 3:00-4:00 PM E451A	Breast Imaging (Multimodality Breast Imaging) Priscilla J Slanetz , Sughra Raza - Moderators
MSRP42B 4:00-5:45 PM E451B	<i>RSNA Resident and Fellow Symposium 2013: Career 102: Survival Skills for Your Job (An Interactive Session)</i> Stayin' Alive-Making Yourself Indispensable to Your Job. Richard E Sharpe , Norman J Beauchamp

Thursday, December 5, 2013	
RC631 8:30-10:00 AM S403A	Tumor Ablation Beyond Liver: How-to and Preliminary Results. Debra A. Gervais, Terrance T. Healey, Anil N. Kurup, Muneeb Ahmed - Faculty
MSES51B 8:30-10:00 AM S406B	<i>Essentials of Gastrointestinal Imaging</i> Multimodality Imaging and Management of Cystic Pancreatic Lesions. - Koenraad J Morteale
VSCH51-02 8:30 AM-12:00 PM E351	<i>Chest Series: Hot Topics in Chest Imaging: Emerging Technologies and Clinical Applications.</i> Quantitative Imaging: COPD and Airways - Alexander A Bankier
SSQ04-09 10:30 AM-12:00 PM S405AB	<i>Chest (Radiation Dose Reduction)</i> Organ-based Tube-current Modulation (OBTCM): Impact of Breast Position. Stephen Taylor, Diana Litmanovich , <u>Maryam Shahrzad</u> , Alexander A Bankier , Pierre A Gevenois, Denis M Tack
SSQ03-02 10:30 AM-12:00 PM S504AB	<i>Cardiac (Myocardial Ischemia and Viability)</i> Non-concordant Results by Myocardial CT Perfusion Imaging and SPECT Perfusion Imaging Compared with Invasive Coronary Angiography: A Post-hoc Analysis from the CORE320 Trial. Vishal C Mehra, Marcelo F Di Carli, Andrew E Arai, Kakuya Kitagawa, Armin Arbab-Zadeh, Julie Miller, Andrea L Vavere, Klaus Kofoed, Carlos E Rochitte, Marc Dewey, Swee Yaw Tan, Hiroyuki Niinuma, Christopher Cox, Melvin E Clouse , Joao A Lima, Richard T George
RC724 4:30-6:00 PM S403A	Professionalism and the Radiology Trainee Ronald L. Eisenberg , Stepehn D. Brown, Priscilla J. Slanetz - Faculty
RC730B 4:30-6:00 PM S103AB	<i>Leveraging Imaging Informatics to Improve Radiology Education: Beyond the Teaching File (An Interactive Session)</i> Educational Tools for the Next Generation in Radiology - Richard E Sharpe

Friday, December 6, 2013	
RC852 8:30-10:00 AM E264	US-guided Interventional Breast Procedures (<i>Hands-on Workshop</i>) Jocelyn A Rapelyea, Priscilla J Slanetz, Shambhavi Venkataraman , Liane E Philpotts, Ermelinda Bonaccio, Stephen J Seiler, Bruno D Fornage, Rachel F Brem, William R Poller, Margaret M Szabunio - Faculty
SST16-01 10:30 AM-12:00 PM E350	<i>Vascular/Interventional (MR Guidance/Topics of Interest)</i> Utilization of the iPad for Patient Education during Informed Consent in Interventional Radiology: A Randomized Controlled Trial. Sahil V Mehta, Lauren E Ferrara, Seth J Berkowitz , William C Lo, Salomao Faintuch
SST13-04 10:30 AM-12:00 PM N229	<i>Pediatrics (Interventional)</i> Pediatric Soft Tissue Tumors: Deterministic Factors for Safety and Accuracy of Diagnostic Yield in Image-guided Percutaneous Core-needle Biopsies. Michael R Acord , Raja Shaikh, Gulraiz A Chaudry
SST01-09 10:30 AM-12:00 PM E450B	<i>Breast Imaging (Issues in Screening)</i> Breast Imaging Utilization Trends in the Medicare Population from 2005 to 2011. Richard E Sharpe , David C Levin, Vijay M Rao, Laurence Parker

Quality Storyboards - Lakeside Learning Center, level 1	
LL-QSE-SU3A Sunday 12/1 12:30-1:00 PM	Implementation of a Multidisciplinary Quality Improvement Breast Cancer Detection and Diagnosis Program in Abu Dhabi. Rola M Shaheen , Jessica W Leung, Suhaila Al Ameer, Sara Booz, Tejas S Mehta
LL-QSE1046-TUB Monday 12/2 12:45-1:15 PM	Radiology Resident IDEA System Elizabeth Asch, Samir H Shah, Seth J Berkowitz, Sahil V Mehta, George J Watts, Jonathan B Kruskal, Ronald L Eisenberg
LL-QSE1046-TUB Tuesday 12/3 12:45-1:15 PM	Implementation of a Formal Scripted Post Procedure Closeout to Minimize Errors from Occurring Following Completion of the Critical Phase of Interventional Procedures. OR Brook, B Siewert, J B Kruskal.
LL-QSE1057-WEB Wednesday 12/4 12:45-01:15 PM	Added Value and Improved Performance Resulting from an online radiology quality and safety reporting and learning system. JB Kruskal, C Yam, B Siewert, R L Eisenberg

Names in Bold = BIDMC Radiology Faculty/Staff Trainees

Scientific Informal Poster Presentations - Lakeside Learning Ctr Lunchtime and Afternoon CMEs Sun 8:00 am - 6:00 pm • Mon-Thu 7:00 am - 10 pm • Fri 7:00 am - 12:45 pm (By date and then alphabetical by 1st author)	
LL-INE3237-SUA Sun 12/1 12:30-1:00 PM	Automatic Creation of Structured Cardiothoracic Computed Tomography Reports Using Natural Language Processing. Paras Lakhani, Christopher G Roth, Richard E Sharpe , Kristen E McClure, Paul J Read, George P Hobbs, Vijay M Rao, Adam E Flanders
LL-ERE-SU5B Sun 12/1 1:00-1:30 PM	Acute Abdominal Pain Following Colonoscopy: What Could It Be? Katherine M Troy, Robin B Levenson
LL-CHS-TU4A Tues 12/3 12:15-12:45 PM	Is a Chest Radiograph Necessary after Percutaneous Lung Biopsy When Pneumothorax Is Absent on the Immediate Post Procedure CT Scan? Michael G Johnson , Lawrence Pan, Turgut Berkmen
LL-BRS-TU5A Tues 12/3 12:15-12:45 PM	Adjunct Diagnosis of Dual-energy Contrast Enhanced Subtracted Mammography in Women with Dense Breasts: Interobservers Blind Reading Analysis. Yun-Chung Cheung, Yu-Ching Lin , Yung-Liang Wan, Pei-Chin Huang, Kee-Min Yeow, Yung-Feng Lo, Hsiu-Pei Tsai, Shir-Hwa Ueng, Chee-Jen Chang
LL-NRE-TU8B Tues 12/3 12:45-1:15 PM	Congenital Ossicular Anomalies: An Imaging Review Behroze Vachha , Mary N Tenenbaum, Caroline D Robson, Gul Moonis
LL-HPS-WE4A Wed 12/4 12:15-12:45 PM	Peer Review (Retrospective Sampling) vs. Quality Assurance Database (Voluntary Data Entry) in Ob/Gyn Imaging. Olga R Brook, Janneth Y Romero, Alexander Brook, Jonathan B Kruskal, Deborah Levine
LL-GIS-WE7B Wed 12/4 12:45-1:15 PM	The Importance of Measuring Pancreatic Cystic Lesions Accurately on MRI: An Assessment of Inter-observer Variability and Impact on Patient Management. Dell P Dunn, Olga R Brook, Alexander Brook, Giselle Y Revah, Sumayya S Jawadi, Karen S Lee, Maryellen R Sun, Koenraad J Mortelet
LL-INS-WE5A Wed 12/4 12:15-12:45 PM	Errors in Interpretation: Lessons Learned from Abdominal Quality Assurance. Aaron W Maxwell, Jonathan B Kruskal, Ronald L Eisenberg, Vassilios D Raptopoulos, Bettina Siewert
LL-HPS-WE2A Wed 12/4 12:15-12:45 PM	The Big Picture: Radiology Quality Improvement in the Hospital QA Setting: Communication Is (almost) Everything. Bettina Siewert, Olga R Brook, Jonathan B Kruskal
LL-CHS-TH4B Thurs 12/5 12:45-1:15 PM	Reproducibility of MDCT-measured Forced Expiratory Tracheal Collapse in COPD Patients: Comparison between Spirometric Monitoring and Verbal Respiratory Instructions from CT Technologists. Phillip M Boiselle , Stephen Loring, Carl O'Donnell

Names in Bold = BIDMC Radiology Faculty/Staff Trainees

Education Exhibits - Lakeside Learning Center

(Alphabetical by 1st author) Sun 8:00 am - 6:00 pm • Mon-Thu 7:00 am - 10 pm • Fri 7:00 am - 12:45 pm

LL-MKE1113	Lieberman's Scrollable Seminars in Radiology. Zachary Abramson, Graham Lieberman, Gillian B Lieberman
LL-HPE2014	Checklists in Radiology - Safety and Efficiency Improvement Tool. Olga R Brook, Bettina Siewert, Ronald L Eisenberg, Felipe B Collares, Jonathan B Kruskal
LL-HPE2008	Something Went Very Wrong! A Practical Approach for Performing a Root Cause Analysis and Managing a Sentinel Event in a Radiology Department. Olga R Brook, Bettina Siewert, Jonathan B Kruskal
LL-ERE2598	Emergency Radiology Abdominal Ultrasound Quality Assurance: How to Avoid the Pitfalls. Caitlin M Connolly, Robin B Levenson, Karen S Lee
LL-NRE4451	Temporal Bone Trauma: Imaging Findings, Pitfalls, and Clinical Implications. Daniel T Ginat, Alicia Quesnel, Gul Moonis
LL-GIE2920	MDCT and MRI of the Ampulla of Vater: Technique Optimization, Normal Anatomy, Ampullary Disorders, and Pitfalls. Aleksandar Ivanovic, Dejana Radulovic, Daniel A Souza, Koenraad J Mortele .
LL-GIE2874	Advanced Multimodality Imaging of the Appendix - Taking It to the Stump. Mark Knox, Deirdre E Moran , Daniel A Souza, Karen S Lee MD, Koenraad J Mortele
LL-HPE2005	Practical Strategies for Implementing and Running an Effective Radiology Quality and Safety Program in Private Practice. Jonathan B Kruskal , Harold E Longmaid, Peter H Gordon, Bettina Siewert
LL-HPE2017	Implementation of a Comprehensive Resident Practice Quality Improvement Program. Justin W Kung, Priscilla J Slanetz, Ronald L Eisenberg, Bettina Siewert, Jonathan B Kruskal
LL-INE4616	Natural Language Processing: An Overview in Healthcare and Imaging Informatics and How It can Impact Your Practice. Paras Lakhani, Christopher G Roth, Raja Gali, Richard E Sharpe , Richard J Gorniak, Vijay M Rao, Adam E Flanders
LL-HPE2030	Quantifying the Teaching Contribution to Academic RVUs: A Mathematical Algorithm for Radiologists. Thi Som Mai Le, Gillian B Lieberman, Alexander A Bankier
LL-NRE4469	Role of Diffusion Tensor Imaging in the Evaluation of Brain Tumors: A Basic Review. Nagamani Peri, Gaurav Jindal, Rafael Rojas
LL-VIE2957	Peer Review of Peripheral Vascular Ultrasound Studies: Analysis of Errors and Strategies for Improving Performance. Tonguc Pinar, Robert G Sheiman, Peggy Newman, Bettina Siewert, Robert A Kane, Jonathan B Kruskal
LL-NRE4567	Anatomical Bases of Trigeminal Nerve Denervation Patterns. Roy Riascos, Claudia Cotes, Hugo H Cuellar, Rafael Rojas , Ramon E Figueroa, Andrew Chow, Enrique Palacios

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Education Exhibits - Lakeside Learning Center (cont'd)

(Alphabetical by 1st author) Sun 8:00 am - 6:00 pm • Mon-Thu 7:00 am - 10 pm • Fri 7:00 am - 12:45 pm

LL-HPE2012	Metrics for Radiologists in Value Based Health Care Delivery. Ammar Sarwar, Jonathan B Kruskal
LL-GIE2837	Peer Review of Pancreatitis Imaging Studies: Analysis of Errors and Strategies for Improving Performance. Nicholas Telischak, Bettina Siewert, Jonathan B Kruskal



Magna Cum Laude



Cum Laude



Certificate of Merit

BIDMC at RSNA 2013

Bettina Siewert - **Chair, General RadioGraphics**
Muneeb Ahmed (**General RG**)

Ferris Hall (**General RG**)

Maryellen Sun - (**General RG**)

Diana E. Litmanovich (**Cardiovascular**)

Robin Levenson (**Emergency Rad**)

Mary G. Hochman (**MSK**)

Jim S. Wu (**MSK**)

Gul Moonis (**Neuro**)

Jonathan Kruskal - **Chair, Quality Initiatives**

Olga Brook (**QI**, also **RSNA Quality Improvement Committee**)

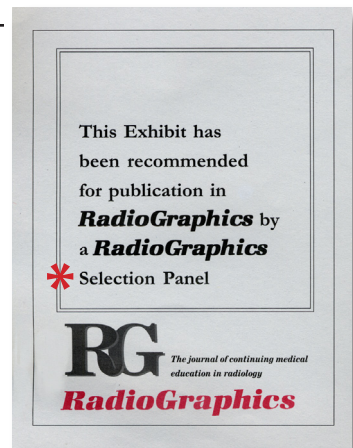
Ronald Eisenberg (**QI**)

Justin Kung (**QI**)

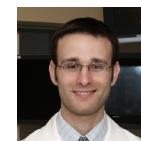
Tejas Mehta (**QI**)

Ammar Sarwar, Trainee Member (**QI**)

Jacob Sosna (**QI**)



* **BIDMC Faculty on RadioGraphics Selection Panels**



Salomao Faintuch, MD -

Vice-Chairman, Editorial Board - **RSNA Daily Bulletin**

Member - **RSNA Publications Council**

Member - **RSNA Public Information Committee**



Matthew Miller, MD PhD - current 2nd yr resident will participate in the 2013 RSNA/AUR/ARRS Introduction To Academic Radiology Seminar (Dec. 1-5)



Alexander A. Bankier, MD PhD - BIDMC's newest RSNA Honored Educator Awardee 2013