

E-Guide to BIDMC Radiology Scientific Sessions, Courses & Exhibits

Sunday, November 26, 2017	
SSA06 10:45-12:15 PM N226	Science Session with Keynote: Emergency Radiology (Cutting Edge Technologies) Karen S. Lee , Michael N. Patlas, <u>Zachary S. Delproposto</u>
VSIO11-12 1:30-6:00 PM S405AB	<i>Interventional Oncology Series: Lung, Kidney & Bone Tumor Boards: Techniques and Challenging Cases in Lung, Kidney and Bone</i> - Debra A. Gervais, Terrance T. Healey, Samdeep Mouli, Muneeb Ahmed , David J. Breen, Kelvin K. Hong, Christos S. Georgiades, Anil N. Kurup, Alexios Kelekis, Matthew R. Callstrom, Sean M. Tutton
RC116 2:00-3:30 PM S103AB	<i>Refresher Course: Developing Competency in Non-Clinical Professional Roles in Radiology and Medicine (Sponsored by the RSNA Professionalism Committee)</i> - Stephen Chan, William G. Bradley JR, Ronald L. Eisenberg , Geraldine B. McGinty, Suresh K. Mukherji
RC150 2:00-3:30 PM E260	<i>Refresher Course: MR Imaging-guided Breast Biopsy (Hands-on)</i> - Amy L. Kerger, Rifat A. Wahab, Vandana M. Dialani , Deepa Sheth, Michael R. Aho, Lara D. Richmond, Gary J. Whitman, Kirti M. Kulkarni, Jill J. Schieda, Jiyon Lee, Mitva J. Patel, Wade C. Hedegard, Amado B. del Rosario, Karla A. Sepulveda, Jamie G. Giesbrandt, Wendi A. Owen, Laurie R. Margolies, Mitra Noroozian, Jeffrey R. Hawley, Nikki S. Ariaratnam, Su-Ju Lee
RC152 2:00-3:00 PM E264	<i>Refresher Course: US-guided Interventional Breast Procedures (Hands-on)</i> - Karen S. Johnson, Jocelyn A. Rapelyea, Shambhavi Venkataraman, Angeliqye C. Floerke, Anita K. Mehta, Nicole S. Lewis, Kathleen R. Gundry, Michael N. Linver, Christina G. Marks, Tilden L. Childs III, Evguenia J. Karimova , Caroline M. Ling, Sora C. Yoon, Connie E. Kim, Mary S. Soo, Margaret M. Szabunio
RC116 2:00-3:00 PM S103AB	Developing Competency in Non-Clinical Professional Roles in Radiology and Medicine (<i>Sponsored by the RSNA Professionalism Committee</i>) Stephen Chan, William G. Bradley JR, Ronald L. Eisenberg , Geraldine B. McGinty, Suresh K. Mukherji

Monday, November 27, 2017	
MSCM22B 10:30-12:00 PM S100AB	Case-based Review of Magnetic Resonance (An Interactive Session) MRI of the Shoulder – Jim S. Wu
MSCT21 1:30-3:00 PM S100AB	Case-based Review of Thoracic Radiology (An interactive Session) Diana Litmanovich - Moderator
PS20D 1:30-2:45 PM Arie Crown Theater	Plenary Session: New Horizons Lecture: A New Light: The Birth, and Rebirth, of Imaging - Daniel Sodickson [Former BIDMC research staff]
MSCT22 3:30-5:00 PM S100AB	Case-based Review of Thoracic Radiology (An interactive Session) Diana Litmanovich - Moderator
MSMC24C 3:30-5:30 PM S100AB	<i>Cardiac CT Mentored Case Review: Part IV (In Conjunction with the North American Society for Cardiovascular Imaging) (An Interactive Session)</i> Coronary Artery Disease and Incidental Non-cardiac Findings - Diana Litmanovich
SPSI24 4:30-6:00 PM N226	Special Interest Session: How are Focal and Local Our Interventions? Systemic and Immunologic Effects of Interventional Oncology - S. Nahum Goldberg, Muneeb Ahmed , Moderators
SPSI24B	Combining Immuno-oncology with Ablation – Muneeb Ahmed
SPSI24D	Is All This Activation Beneficial? IO and Tumorigenesis – S. Nahum Goldberg
SPSI22 4:30-6:00 PM E353C	Special Interest Session: The Imaging Cognition—Dementia - David B. Hackney , Jeffrey R. Petrella, Moderators
RCC25 4:30-6:00 PM S501ABC	<i>Refresher Course: Patient-Centric Radiology</i> – Olga Brook , Moderator
RCC25C	Multimedia Radiology Reports – Seth J. Berkowitz
RCC25D	Electronic Kiosks for Patient's Satisfaction Surveys: Measuring & Improving Patient Experience in Radiology – Olga R. Brook

Please see the Poster Exhibits with Discussions at The Learning Center for the dates and times of the discussions as well as the All Day Education Exhibits (aka posters) also at The Learning Center.

Names in Bold = BIDMC Radiology Faculty/Staff; Trainees



Tuesday, November 28, 2017	
RC331 8:30-10:00 AM S104A	<i>Refresher Course: Tumor Ablation Beyond the Liver: Practical Techniques for Success</i> – Debra A. Gervais, Terrance T. Healey, Anil N. Kurup, Muneeb Ahmed , Faculty
SPCP31 10:30-12:00 PM E353C SPCP31D	<i>Israel Presents: Radiology in Israel— Experience from the Land of Innovation</i> Cutting-Edge Interventional Oncology - S. Nahum Goldberg
SSG06-07 10:30-12:00 PM S104B	<i>Health Service, Policy and Research (Quality)</i> Radiology Report Recommendations: An Actionable Value-Add? Bettina Siewert , Marcela P. Cohen, Olga R. Brook , Jonathan B. Kruskal
SSG11-08 10:30-12:00 PM N229	<i>Neuroradiology (Molecular Neuroimaging: From Diffusion to Beyond)</i> Relationship between MRI and Optical Coherence Tomography (OCT) Measurements in Patients with Optic Nerve Atrophy. Brian Zhao, Anh-Dao Cheng, Nurhan Torun, Alexander Brook , Yu-Ming Chang , Rafeeqe A. Bhadelia
SSQ07 10:30-12:00 PM E350	<i>Gastrointestinal (Multimodality)</i> Olga R. Brook , Janio Szklaruk, Aoife Kilcoyne - Moderators
MSRP31H 1:00-4:00 PM E451B	<i>RSNA Resident and Fellow Symposium (An Interactive Session)</i> Challenging Conventional Wisdom – Ronald L. Eisenberg
PS30C 1:30-2:45 PM Arie Crown Theater	Plenary Session: Annual Oration in Diagnostic Radiology Strategies for Radiology to Thrive in the Value Era – Jonathan B. Kruskal
MSQI33C 1:30-3:00 PM S406B	<i>Quality Improvement Symposium:</i> Organizational Learning in Radiology Imaging Improvement: Aiming at Patient Outcomes – Olga Brook
IR33 2:00-3:30 PM N133	Research Workshop Part I: Johan G. Blickman, Alexander A. Bankier , Vickie A. Feldstein, Federica Vernuccio, Bayarbaatar Bold, Maria M. Serra, Deepashri Basavalingu, Susan C. Shelmerdine, Jae Seok Bae, Dina F. Haroun, Estefania Terrazas Torres, Tejeshwar S. Jugpal
SSJ01 3:00-4:00 PM Arie Crown Theater	Breast Imaging (Tomosynthesis Screening Applications) - Debra S. Copit, Priscilla J. Slanetz , Moderator
SSJ03 3:00-4:00 PM S502AB	Cardiac (Valve Disease) - Vincent B. Ho, Diana Litmanovich , Moderators
SSJ10-01 3:00-4:00 PM E351	<i>Genitourinary (Imaging of Pregnancy)</i> Symptomatic Fibroids in Pregnancy: MR Imaging Features and Differentiation from Non-Symptomatic Fibroids. Dinushi S. Perera , Karen S. Lee , Alexander Brook



*Student Travel Awardee

Tuesday, November 28, 2017 (cont'd)	
SSJ11-01 3:00-4:00 PM E353B	<i>Genitourinary (Imaging of Benign Gynecological Disease)</i> Structured vs Narrative Reporting of Pelvic MRI for Fibroids: Impact on Treatment Planning. * Andrea Franconeri , Laura Miller , Benjamin Carney , Jieming Fang , Hye-Chun Hur , Louise King , Roa Alammari , Almamooun I. Justaniah , Salomao Faintuch , Koenraad J. Morteale , Olga R. Brook
SSJ12-06 3:00-4:00 PM S104B	<i>Health Service, Policy and Research (Patient Centered Care)</i> Radiologist Experiences with Direct Patient Interactions. Jieming Fang , Johannes Boos , Andrea Franconeri , Olga R. Brook
SSJ13 3:00-4:00 PM N230B	Informatics (3D Printing) - Srini Tridandapani , Tejas S. Mehta , Gary J. Wendt, Moderators



*Student Travel Awardee

Wednesday, November 29, 2017	
SPSC40B 7:15-8:15 AM E350	<i>Controversy Session: Imaging of the Pelvis: When is Ultrasound Enough?</i> Imaging of the Pelvis: Ultrasound is Not Always Enough – Deborah Levine
RC524 8:30-10:00 AM S403B	<i>Refresher Course: Publishing in Radiology: Understanding and Using the STARD and PRISMA Guidelines</i> - Herbert Y. Kressel , Moderator
RC524A	Introduction: Why Reporting Guidelines are Useful - Herbert Y. Kressel
RC524D	Putting It All Together – Deborah Levine
RC508-08 8:30-12:00 PM S405AB	<i>Emergency Radiology Series: Current Imaging of the Acute Abdomen</i> Ultrasound for the Diagnosis of Acute Appendicitis in the Emergency Department: Imaging Trends and Utility Over 6+ Years. Stella Lam , Robin B. Levenson , Andrew T. Colucci , Karen S. Lee
RCC43A 12:30-2:00 PM S501ABC	<i>Refresher Course: Next Frontier in Imaging: Disease-specific Radiology Reports</i> - Olga R. Brook , Moderator Disease-specific Report Templates vs. Structured Simple Templates: Next Frontier in Imaging Reports – Olga R. Brook
VSIO41 1:30-6:00 PM S405AB	<i>Interventional Oncology Series: Basic Science & Imaging</i>
VSIO41-01	What's new in ... - S. Nahum Goldberg
VSIO41-13	Imaging and Advances in Basic Research – Muneeb Ahmed
VSIO41-18	Rationale for Combination Theories – S. Nahum Goldberg
VSIO41-19	Systemic Implications of IO Therapies: Increased Tumorigenesis? – Muneeb Ahmed

Thursday, November 30, 2017	
RC616 8:30-10:00 AM S403A	<i>Refresher Course: Authorship in Radiology (Sponsored by the RSNA Professionalism Committee) - Ronald L. Eisenberg, Kate Hanneman, Adrian K. Dixon, Philippe A. Grenier</i>
SSQ07 10:30-12:00 PM E350	<i>Gastrointestinal (Multimodality)</i> Olga R. Brook , Janio Szklaruk, Aoife Kilcoyne - Moderators
MSCB51A 11:15-11:45 AM N133	International Efforts in Academic Radiology. Alexander A. Bankier
MSCB51A 1:30-3:00 PM S406A	<i>Case-based Review of Breast (An Interactive Session)</i> Mammography and Ultrasound: Appropriateness Criteria and Performance Measures in the United States - Priscilla J. Slanetz
RC702 4:30-6:00 PM S404CD	<i>Refresher Course: Educator Survival Techniques</i> - Priscilla J. Slanetz , Moderator

Friday, December 1, 2017	
RC816 8:30-10:00 AM E353B	<i>Refresher Course: Medicolegal Issues for Radiologists: To Divulge or Not to Divulge: Diagnostic Misses and Errors (Sponsored by the RSNA Professionalism Committee) - Ronald L. Eisenberg, Stephen D. Brown, Priscilla J. Slanetz, Brent J. Wagner, Darlene King</i>
SST06-02 10:30-12:00 PM E451A	<i>Science Session with Keynote: Musculoskeletal (Spine)</i> CT-Based Structural Analysis Predicts Failure of Human Spines with Simulated Osteolytic Defects under Functional Loads. Ron N. Alkalay, Robert Adamson, David B. Hackney
SPFR61C 12:30-3:00 PM E353C	<i>Friday Imaging Symposium: Imaging of the Acute Abdomen</i> Emergency Pelvic Sonography: Current Role - Robin B. Levenson

Poster Exhibits with Discussions - Learning Center	
VI221-SD-SUA3 12:30-1:30 PM ER Community	<i>Vascular Interventional SUNDAY Poster Discussions</i> Science Session with Keynote: Emergency Radiology (Cutting Edge Technologies). Karen S. Lee , Michael N. Patlas, Zachary S. Delproposto
VI221-SD-SUA3 12:30-1:00 PM VI Community	<i>Vascular Interventional SUNDAY Poster Discussions</i> The Effect of Annual TIPS Volume on Mortality: Year-to-Year Variations in a Single Institution. Michael Luo , Muneeb Ahmed , Jeff L. Weinstein , Olga R. Brook , Ammar Sarwar
BR185-ED-SUB8 1:00-1:30 PM BR Community	<i>Breast SUNDAY Poster Discussions</i> Get it Off Your Chest: Differential Diagnosis of Giant Breast Masses. Janeiro Achibiri , Evguenia J. Karimova , Jordana Phillips , Tejas S. Mehta , Valerie J. Fein-Zachary , Vandana M. Dialani , Parisa Lotfi , Priscilla J. Slanetz

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Poster Exhibits with Discussions - Learning Center (cont'd)		
MI203-SD-SUB1 1:00-1:30 PM MI Community	<i>Molecular Imaging SUNDAY Poster Discussions</i> Correlation of CD31- and CD34-Based Microvessel Density and Percent Area Measurements against 13C-tert-butanol MRI Perfusion Mapping in a Sunitinib-Resistant RCC Xenograft. Bonny Lee , Patricia Coutinho de Souza , Xiaoen Wang , Aaron K. Grant , David C. Alsop , Rupal Bhatt , Leo L. Tsai	 <i>*Student Travel Awardee</i>
VI233-SD-MOA4 12:15-12:45 PM QS Community	<i>Quality Storyboards MONDAY Poster Discussions</i> Radiologists Add Value by Participating in Patient Progression and Complex Care Management Rounds. Ammar Sarwar , Jonathan B. Kruskal	
BR236-SD-TUA4 12:15-12:45 PM BR Community	<i>Breast TUESDAY Poster Discussions</i> Comparing Radiation Dose of Contrast-Enhanced Spectral Mammography (CESM) to Digital Mammography and Digital Breast Tomosynthesis Using Patient Data. Sean D. Raj , Jordana Phillips , Georgeta Mihai , Sarah Esaa, Alexander Brook , Matthew R. Palmer , Da Zhang	
GU257-SD-TUB6 12:45-1:15 PM GU/UR Community	<i>Genitourinary TUESDAY Poster Discussions</i> MRI Features of Endometrial Polyps: Frequency of Occurrence and Interobserver Reliability. Kirsten Cooper, Patricia Balcaer , Steffen Huber, Mike Spektor, Jay K. Pahade, Gary M. Israel	
BRS-WEA 12:45-1:15 PM BR Community	<i>Breast WEDNESDAY Poster Discussions</i>	
BR248-SD-WEA4	Management of the Pure Papilloma Diagnosed by Ultrasound-Guided Core Needle Biopsy: Is Surgical Excision Necessary? - Sean D. Raj , Jordana Phillips , Tejas S. Mehta , Michael D. Fishman , Vandana M. Dialani , Valerie J. Fein-Zachary , Shambhavi Venkataraman , Nancy Littlehale, Evguenia J. Karimova , Priscilla J. Slanetz	
BR175-ED-WEA8	Fact or Fiction: Imaging and Management of DCIS in 2017. Bonny Lee , Evguenia J. Karimova , Jordana Phillips , Vandana M. Dialani , Rashmi Mehta , Priscilla J. Slanetz	
BR263-SD-THA5 12:15-12:45 PM BR Community	<i>Breast THURSDAY Poster Discussions</i> Are MRI Features of Estrogen Receptor-Positive Invasive Breast Cancers Predictive of Oncotype DX Recurrence Scores? - *Catherine J. Wei , Jordana Phillips , Priscilla J. Slanetz , Tejas S. Mehta , Michael D. Fishman , Evguenia J. Karimova , Sean D. Raj , Alexander Brook , Vandana M. Dialani	 <i>*Student Travel Awardee</i>

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ALL DAY Education Exhibits - 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

BR121-ED-X	Tips and Tricks: Implementation and Interpretation of Synthesized 2D (sDM) Mammogram in Clinical Practice. <u>Adam Fang</u> , Valerie J. Fein-Zachary , Jordana Phillips , Tejas S. Mehta , Michael D. Fishman , Evguenia J. Karimova , Priscilla J. Slanetz
BR126-ED-X	Primary and Secondary Breast Lymphoma: Multimodality Imaging Review with Associated Clinical and Pathological Features. <u>Sean D. Raj</u> , Michael D. Fishman , Tejas S. Mehta , <u>Nancy A. Resteghini</u> , Priscilla J. Slanetz , Evguenia J. Karimova , Jordana Phillips , Valerie J. Fein-Zachary , Vandana M. Dialani
BR130-ED-X	Not So Black and White: Causes of False Positive Findings on Contrast-enhanced Mammography. <u>Hannah Perry</u> , Jordana Phillips , Michael D. Fishman , Priscilla J. Slanetz , Valerie J. Fein-Zachary , Vandana M. Dialani , Evguenia J. Karimova , Tejas S. Mehta
BR135-ED-X	Tricks and Tips to Prevent Errors in Mammography. <u>Hannah Perry</u> , Jordana Phillips , Valerie J. Fein-Zachary , Michael D. Fishman , Priscilla J. Slanetz , Vandana M. Dialani , Evguenia J. Karimova , Tejas S. Mehta
GI280-ED-X	Malignancy During Pregnancy: Considerations for the Body Radiologist Aarti Sekhar, Ghanesh Fananapazir, Anuradha S. Shenoy-Bhangle
GI312-ED-X	Gastrointestinal Bleeding for the Radiologist: Review of Guidelines, Management, and Pitfalls. <u>Amanda L. Steinberger</u> , <u>Vivek Gowdra Halappa</u> , <u>Gerard T. Berry JR</u> , <u>Oleg Teytelboym</u>
HP107-ED-X	Motivation: How to Create a Cohort of Engaged, Happy, and Motivated Radiology Trainees. <u>Sean D. Raj</u> , Michael D. Fishman , Priscilla Slanetz , <u>Shira Fishman</u>
HP109-ED-X	Improving the Care That We Provide: A Training Curriculum for Diverse, Vulnerable and Marginalized Patient Populations. <u>Hannah Perry</u> , Jonathan B. Kruskal , Suzanne Swedeen , Jessica Kruskal , Aideen Snell , Bettina Siewert
HP127-ED-X	Barriers to Safety Event Reporting: Authority Gradients and Other Human Factors. Bettina Siewert , Olga R. Brook , Ronald L. Eisenberg , Mary G. Hochman

Congratulations BIDMC Student Travel Awardees:

1. CT research fellow **Andrea Franconeri, MD** for, Structured vs Narrative Reporting of Pelvic MRI for Fibroids: Impact on Treatment Planning [Talk SSJ11-01]
2. 4th yr resident **Bonny Lee, MD, MS** for Correlation of CD31- and CD34-Based Microvessel Density and Percent Area Measurements against 13C-tert-butanol MRI Perfusion Mapping in a Sunitinib-Resistant RCC Xenograft [Poster MI203-SD-SUB1]
3. Current staff member **Dinushi S. Perera, MD** (former MR Fellow 2016-2017) for Symptomatic Fibroids in Pregnancy: MR Imaging Features and Differentiation from Non-Symptomatic Fibroids [Talk SSJ10-01]
4. 4th Yr Resident **Catherine J. Wei, MD, PhD** for Are MRI Features of Estrogen Receptor-Positive Invasive Breast Cancers Predictive of Oncotype DX Recurrence Scores [Poster BR263-SD-THA5]

Congratulations 2017 RSNA Education Grant Winners

I am delighted to share the news that the Radiological Society of North America yesterday awarded two additional grants to our breast imaging section, further cementing the sections reputation as the major player in the national academic breast imaging and education scene. On top of Etti's recent TMIST study, the largest study ever funded by the NCI, the group yesterday received a trainee as well as an education grant from the RSNA.

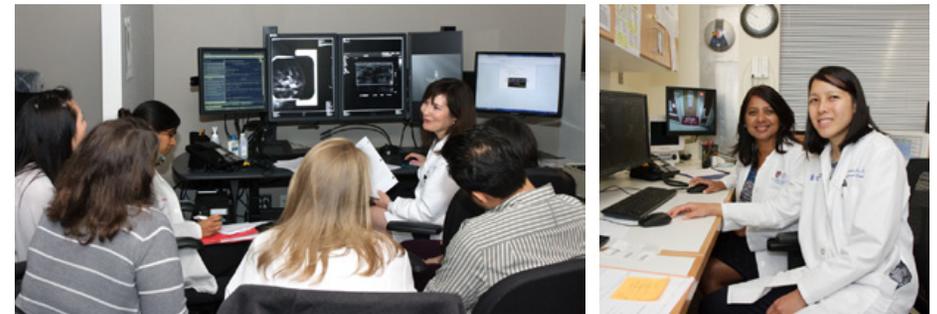
Cathy Wei (4th yr resident) was awarded the **Resident Research Grant** for her study entitled "Comparing Restriction Spectrum Imaging (RSI) to Conventional and Abbreviated Breast MRI for Breast Cancer Screening".

Jane Karimova (Breast Imager) was awarded the **RSNA Education Scholar Grant** for her project entitled "Simulation-based Teaching of Screening Mammography Using Deliberate Practice on Cancer Enriched Case Sets".

- JBK 4/2017



RSNA 2016





Strategies for Radiology to Thrive in the Value Era

Presented by: **Jonathan B. Kruskal, MD, PhD** and David H. Kim, MD
Introduction by David H. Kim, MD, Co-founder, VirtuoCTC, LLC
Shareholder, Cellerar Biosciences, Inc Shareholder, Elucent Medical

Despite several years of focus on improving value for patients through our services, radiologists continue to struggle with defining the value of imaging for external stakeholders. We have struggled to irrefutably demonstrate our value to patients, and we have failed to translate this value to broadly accepted metrics. Consequently, despite agreement on the importance of the word “value”, defining the term in the context of medical imaging and finding metrics with relevance to both the patient and the radiologist still proves to be an elusive goal. Specialties with direct patient contact can effectively demonstrate how their services improve patient outcomes. Yet the continued lack of robust evidence or even a conceptual framework for describing this essential link in medical imaging is troubling. The hype around the value paradigm is ever-present and dedicated volunteers work diligently to improve our specialty’s position within this paradigm. However, the impact of the value transformation for radiology has so far been a Sisyphean labor; newer and fancier metrics, more elaborate dashboards, more patient-centric activities yet ever-declining reimbursements and still little objective evidence or acceptance that these efforts truly improve human health. The addition of these new activities to the painstaking work that is required nearly every minute spent in front of an imaging workstation is being felt acutely in our reading rooms as practice leaders strive to relieve burnout on the faster-spinning hamster wheels. External forces are also on the rise, with premonitions of the extinction of human radiologists by the potentially disruptive innovations in machine learning. The disconnect between regulatory requirements, disruptive innovations, and what is humanly possible in a day’s work raises stark questions. Have we become the Eastman Kodak of the digital imaging world? Are we polishing our taxis while Uber drives past us? To effectively respond to these challenges, the divide between volunteers who understand the policy, payment, and regulatory world driving healthcare reform and radiologists who still contribute tirelessly to patient care needs to be bridged. It is time for a thorough root cause analysis of why this increasing clinical and volunteer work is not easing our core mission: the interpretation of images. This is the essential first step to define a roadmap to get radiologists back to functioning as respected and essential physicians by providing the evidence-based, outcomes-focused, appropriate, and effective clinical care that each patient deserves. To thrive in the world that only rewards value contributions, we need to reassess and reorganize our roles in effectively managing health imaging information and become realistic about how we currently measure and manage our performance in healthcare delivery.

Don't Miss!

**Dr. Jonathan Kruskal and
The Department of Radiology at
Beth Israel Deaconess Medical Center**

request the honor of your presence at the

22nd Annual Alumni Cocktail Reception

**Tuesday, November 28, 2017
6-8 pm**

University Club of Chicago

College Hall

76 East Monroe Street

Please RSVP by Tuesday, November 14th

617-754-2519

abaxter@bidmc.harvard.edu



Beth Israel Deaconess
Medical Center

BIDMC at RSNA 2017

***BIDMC Faculty on RadioGraphics Selection Panels:**

Muneeb Ahmed (General RG)

Karen Lee (General RG)

Robin Levenson (Emergency Rad)

Mary G. Hochman (MSK)

Jim S. Wu (MSK)

Jonathan Kruskal - Chair, Quality Initiatives

Olga Brook (QI & RSNA Quality Improvement Committee)

Ronald Eisenberg (QI)

Tejas Mehta (QI)

Ammar Sarwar (QI)

Bettina Siewert - (QI)

