### Sunday, November 26, 2017

<table>
<thead>
<tr>
<th>Session Code</th>
<th>Time</th>
<th>Description</th>
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</table>
| SSA06 N226   | 10:45-12:15 PM | Science Session with Keynote: Emergency Radiology (Cutting Edge Technologies)  
Karen S. Lee, Michael N. Patlas, Zachary S. Delproposto |
| V5IO11-12 S405AB | 1:30-6:00 PM | Interventional Oncology Series: Lung, Kidney & Bone Tumor Boards: Techniques and Challenging Cases in Lung, Kidney and Bone  
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 S103AB | 2:00-3:30 PM | Refresher Course: Developing Competency in Non-Clinical Professional Roles in Radiology and Medicine (Sponsored by the RSNA Professionalism Committee)  
Stephen Chan, William G. Bradley JR, Ronald L. Eisenberg, Geraldine B. McGinty, Suresh K. Mukherji |
| RC150 E260 | 2:00-3:30 PM | Refresher Course: MR Imaging-guided Breast Biopsy (Hands-on)  
| RC152 E264 | 2:00-3:30 PM | Refresher Course: US-guided Interventional Breast Procedures (Hands-on)  
Karen S. Johnson, Jocelyn A. Rapelaya, Shambhavi Venkataraman, Angelique C. Floerke, Anita K. Mehta, Nicole S. Lewis, Kathleen R. Gundy, Michael N. Linver, Christina G. Marks, Tilden L. Childs III, Evgenia J. Karimova, Caroline M. Ling, Sora C. Yoon, Connie E. Kim, Mary S. Soo, Margaret M. Szabunio |
| RC116 S103AB | 2:00-3:30 PM | Developing Competency in Non-Clinical Professional Roles in Radiology and Medicine (Sponsored by the RSNA Professionalism Committee)  
Stephen Chan, William G. Bradley JR, Ronald L. Eisenberg, Geraldine B. McGinty, Suresh K. Mukherji |

### Monday, November 27, 2017

<table>
<thead>
<tr>
<th>Session Code</th>
<th>Time</th>
<th>Description</th>
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</thead>
</table>
| MSCM22B S100AB | 10:30-12:00 PM | Case-based Review of Magnetic Resonance (An Interactive Session)  
MRI of the Shoulder – Jim S. Wu |
| MSCT21 S100AB | 1:30-3:00 PM | Case-based Review of Thoracic Radiology (An interactive Session)  
Diana Litmanovich - Moderator |
| PS20D S100AB | 1:30-2:45 PM | Plenary Session: New Horizons Lecture: A New Light: The Birth, and Rebirth, of Imaging – Daniel Sodickson [Former BIDMC research staff] |
| MSCT22 S100AB | 3:30-5:00 PM | Case-based Review of Thoracic Radiology (An interactive Session)  
Diana Litmanovich - Moderator |
| MSMSC24C S100AB | 3:30-5:30 PM | Cardiac CT Mentored Case Review: Part IV (In Conjunction with the North American Society for Cardiovascular Imaging) (An Interactive Session)  
Coronary Artery Disease and Incidental Non-cardiac Findings – Diana Litmanovich |
| SPSI24 S100AB | 4:30-6:00 PM | Special Interest Session: How are Focal and Local Our Interventions? Systemic and Immunologic Effects of Interventional Oncology – S. Nahum Goldberg, Muneeb Ahmed, Moderators |
| SPSI24B S100AB | 4:30-6:00 PM | Combining Immuno-oncology with Ablation – Muneeb Ahmed |
| SPSI24D S100AB | 4:30-6:00 PM | Is All This Activation Beneficial? IO and Tumorigenesis – S. Nahum Goldberg |
| SPSI22 E353C | 4:30-6:00 PM | Special Interest Session: The Imaging Cognition—Dementia – David B. Hackney, Jeffrey R. Petrella, Moderators |
| RCC25 S501ABC | 4:30-6:00 PM | Refresher Course: Patient-Centric Radiology – Olga Brook, Moderator |
| RCC25C | 4:30-6:00 PM | Multimedia Radiology Reports – Seth J. Berkowitz |
| RCC25D | 4:30-6:00 PM | 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
Refresher Course: Tumor Ablation Beyond the Liver: Practical Techniques for Success – Debra A. Gervais, Terrance T. Healey, Anil N. Kurup, Muneeb Ahmed, Faculty

S8C031 10:30-12:00 PM E353C
Israel Presents: Radiology in Israel — Experience from the Land of Innovation

SPC31D 3:00-4:00 PM SSJ10-01
Cutting-Edge Interventional Oncology - S. Nahum Goldberg

SSG06-07 10:30-12:00 PM S104B

SSG11-08 10:30-12:00 PM N229
Neuroradiology (Molecular Neuroimaging: From Diffusion to Beyond) 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, Rafeequa A. Bhadelia

SSQ07 10:30-12:00 PM E350
Gastrointestinal (Multimodality) Olga R. Brook, Janio Szklaruk, Aoife Kilcoyne - Moderators

MSRP31H 1:00-4:00 PM E451B
RSNA Resident and Fellow Symposium (An Interactive Session) 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

MSQ133C 1:30-3:00 PM S406B
Quality Improvement Symposium: Organizational Learning in Radiology Imaging Improvement: Aiming at Patient Outcomes – Olga Brook

IR33 2:00-3:30 PM N133

SSJ01 3:00-4:00 PM Arie Crown Theater
Breast Imaging (Tomosynthesis Screening Applications) - Debra S. Copit, Priscilla J. Stanelitz, 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
Genitourinary (Imaging of Pregnancy)
Symptomatic Fibroids in Pregnancy: MR Imaging Features and Differentiation from Non-Symptomatic Fibroids. Dinushi S. Perera, Karen S. Lee, Alexander Brook

Tuesday, November 28, 2017 (cont’d)

SSJ11-01 3:00-4:00 PM E353B

SSJ12-06 3:00-4:00 PM S104B
Health Service, Policy and Research (Patient Centered Care) Radiologist Experiences with Direct Patient Interactions. Jieming Fang, Johannes Boos, Andrea Franconeri, Olga R. Brook

SSJ13 3:00-4:00 PM N229
Informatics (3D Printing) - Srin Sinandapani, Tejas S. Mehta, Gary J. Wendt, Moderators

Wednesday, November 29, 2017

SPSC40B 7:15-8:15 AM E350
Controversy Session: Imaging of the Pelvis: When is Ultrasound Enough? Imaging of the Pelvis: Ultrasound is Not Always Enough – Deborah Levine

RC524 8:30-10:10 AM S403B
Refresher Course: Publishing in Radiology: Understanding and Using the STARD and PRISMA Guidelines - Herbert Y. Kressel, Moderator

RC524A 8:30-12:00 PM S405AB
Introduction: Why Reporting Guidelines are Useful - Herbert Y. Kressel
Putting It All Together – Deborah Levine

RC508-08 8:30-12:00 PM S405AB

RCC43A 12:30-2:00 PM S501ABC
Refresher Course: Next Frontier in Imaging: Disease-specific Radiology Reports - 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
Interventional Oncology Series: Basic Science & Imaging

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

Names in Bold = BIDMC Radiology Faculty/Staff; Trainees

Names in Bold = BIDMC Radiology Faculty/Staff; Trainees

* Student Travel Awardee
**Thursday, November 30, 2017**

<table>
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>RC616 8:30-10:00 AM</td>
<td>Refresher Course: Authorship in Radiology (Sponsored by the RSNA Professionalism Committee)</td>
<td>Ronald L. Eisenberg, Kate Hanneman, Adrian K. Dixon, Philippe A. Grenier</td>
</tr>
<tr>
<td>SSO07 10:30-12:00 PM</td>
<td>Gastrointestinal (Multimodality)</td>
<td>Olga R. Brook, Janio Szklaruk, Aoife Kilcoyne - Moderators</td>
</tr>
<tr>
<td>RC702 4:30-6:00 PM</td>
<td>Refresher Course: Educator Survival Techniques</td>
<td>Priscilla J. Slanetz, Moderator</td>
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**Friday, December 1, 2017**

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>RC816 8:30-10:00 AM</td>
<td>Refresher Course: Medicolegal Issues for Radiologists: To Divulge or Not to Divulge: Diagnostic Misses and Errors (Sponsored by the RSNA Professionalism Committee)</td>
<td>Ronald L. Eisenberg, Stephen D. Brown, Priscilla J. Slanetz, Brent J. Wagner, Darlene King</td>
</tr>
<tr>
<td>SST06-02 10:30-12:00 PM</td>
<td>Science Session with Keynote: Musculoskeletal (Spine) CT-Based Structural Analysis Predicts Failure of Human Spines with Simulated Osteolytic Defects under Functional Loads.</td>
<td>Ron N. Alkalay, David B. Hackney</td>
</tr>
<tr>
<td>SPFR61C 12:30-3:00 PM</td>
<td>Friday Imaging Symposium: Imaging of the Acute Abdomen Emergency Pelvic Sonography: Current Role</td>
<td>Robin B. Levenson</td>
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</tbody>
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**Poster Exhibits with Discussions - Learning Center (cont'd)**

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>MIU03-SD-SUB1 1:00-1:30 PM</td>
<td>Molecular Imaging SUNDAY Poster Discussions</td>
<td>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.</td>
</tr>
<tr>
<td>VI233-SD-SDX4 12:15-12:45 PM</td>
<td>Quality Storyboards MONDAY Poster Discussions</td>
<td>Radiologists Add Value by Participating in Patient Progression and Complex Care Management Rounds.</td>
</tr>
<tr>
<td>GU257-SD-TUB6 12:45-1:15 PM</td>
<td>Genitourinary TUESDAY Poster Discussions</td>
<td>MRI Features of Endometrial Polyps: Frequency of Occurrence and Interobserver Reliability.</td>
</tr>
</tbody>
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**Poster Exhibits with Discussions - Learning Center**

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<tr>
<td>VI221-SD-SUA3 12:30-1:30 PM</td>
<td>Vascular Intervention SUNDAY Poster Discussions</td>
<td>Karen S. Lee, Michael N. Patlas, Zachary S. Delproposto</td>
</tr>
<tr>
<td>VI221-SD-SUA3 12:30-1:00 PM</td>
<td>Vascular Intervention SUNDAY Poster Discussions</td>
<td>Michael Luo, Muneeb Ahmed, Jeff L. Weinstein, Olga R. Brook, Priscilla J. Slanetz</td>
</tr>
<tr>
<td>BR185-ED-SUB8 1:00-1:30 PM</td>
<td>Breast SUNDAY Poster Discussions</td>
<td>Alexandre Achibiri, Evgenia J. Karimova, Jordana Phillips, Tejas S. Mehta, Valerie J. Fein-Zachary, Vandana M. Dialani, Priscilla J. Slanetz</td>
</tr>
</tbody>
</table>
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 Etta’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
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, Cellectar 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.