

2017 SPRING CLINICAL MEETING PROGRAM

New Orleans, Louisiana

SATURDAY, MARCH 18

GRAND BALLROOM A|B

GRAND BALLROOM C

8:00 am - 10:00 am

**PROFESSIONAL  
Medical Physics Leadership:**

Healthcare Finance;  
Financial Fundamentals: Advocating for Your Needs;

*M Howard, P Halvorsen*

**(Grand Ballroom A|B)**

10:00 am - 10:30 am

**Break in Exhibit Hall**

10:30 am - 12:30 pm

**YOUNG INVESTIGATOR CLINICAL SYMPOSIUM**

**(Grand Ballroom A|B)**

12:30 pm - 2:00 pm

**Lunch in Exhibit Hall**

2:00 pm - 4:00 pm

**THERAPY (SAM SESSION)**

**Building a New Radiation Therapy Clinic: Wait, Where Do I Start? -  
Part I:**

Shielding Trends in Radiation Therapy;  
Commissioning a Linac Today

*M Martin, G Sherouse*

**DIAGNOSTIC (SAM SESSION)**

**Protocol Review and Optimization:**

Optimization of Pediatric DR;  
MR Protocol Review;  
CT Protocol Review – Validation and Verification

*K Strauss, A Panda, D Gauntt*

4:00 pm - 4:30 pm

**Break in Exhibit Hall**

4:30 pm - 5:30 pm

**THERAPY (SAM SESSION)**

**Building a New Radiation Therapy Clinic: Wait, Where Do I Start? -  
Part II:**

How to Open a New Radiation Oncology Center

*K Prado*

**DIAGNOSTIC (SAM SESSION)**

**Nuclear Medicine TG177 Update:**

An Update on TG177

*J Halama*

6:00 pm - 7:30 pm

**Welcome Reception | Presentation of Young Investigator Awards  
(River/Port/Starboard Room)**

GRAND BALLROOM A|B

GRAND BALLROOM C

8:00 am - 10:00 am

**THERAPY (SAM SESSION)**  
**You Too Can Create Great Incident Reports!:**  
 An Overview of Incident Reporting;  
 Essential Elements of Incident Narratives;  
 Standardizing Incident Reporting in the VA Medical System  
*B Miller, B Thomadsen, J Palta*

**MAMMOGRAPHY (SAM SESSION)**  
**Clinical Trends in Breast Imaging:**  
 From Detection to Prediction: Imaging Markers of Breast Cancer Risk;  
 A Clinical Perspective on DBT-Guided Stereotactic Breast Biopsy  
*C Hruska, A Kerger*

10:00 am - 10:30 am

Break in Exhibit Hall

10:30 am - 12:30 pm

**PROFESSIONAL (SAM SESSION)**  
**TG275 and Radiation Professional Workforces:**  
 Review of Current Trends in the Physics Chart Check Process;  
 Results from the TG275 Survey of Practices;  
 The Medical Physics Workforce: General Characteristics and Trends;  
 The Path to Assessing Diagnostic Workforce  
*D Schofield, P Johnson, L Fong de los Santos, W Newhauser, D Gress*

**DIAGNOSTIC (SAM SESSION)**  
**Exposure Indices and Target Values in Radiography: What are They and How Can You Use Them?:**  
 Definition and Validation of Exposure Indices;  
 Clinical Utilization Strategies and Challenges;  
 Rethinking Action Limits Based on Findings of TG 151 Multi-site Survey  
*I Reiser, A Walz-Flannigan, C Willis*

12:30 pm - 2:00 pm

Lunch in Exhibit Hall

2:00 pm - 4:00 pm

**THERAPY**  
**Hands-On Workshop: Using Incidents to Improve Patient Care:**  
 Using Root Cause Analysis When Analyzing Incidents;  
 Classification of Incidents;  
 Developing a Corrective Action Plan  
*G Kim, J Johnson, L Schubert*

**PROFESSIONAL**  
**ABR MOC Update / Networking:**  
 Changes in the ABR MOC Program;  
 Professional Networking (and We Don't Mean Ethernet!)  
*G Frey, G Ibbott, M Meineke*

4:00 pm - 4:30 pm

Break in Exhibit Hall

4:30 pm - 5:30 pm

**THERAPY (SAM SESSION)**  
**Buyer Beware: Quality Assurance of Outsourced Products:**  
 Quality Assurance of Outsourced Beam Modulators and Physics Work;  
 Quality Assurance of Outsourced Brachytherapy Loading and Treatment Planning;  
*J Gibbons, R Kudchadker*

**MAMMOGRAPHY (SAM SESSION)**  
**FFDM Accreditation:**  
 Everything You Need to Know About the New ACR FFDM Manual  
*D Pfeiffer*

GRAND BALLROOM A|B

GRAND BALLROOM C

8:00 am - 10:00 am

**THERAPY (SAM SESSION)**  
**Evolution of Treatment Plan Checks and Pre-treatment QA:**  
 Moving Beyond TG 275: Plan Checks In the Modern Age;  
 TG 219: It's Use, Strengths and Weaknesses;  
 TG 218: How to Handle Pretreatment QA  
*S Parker, S Stathakis, M Miften*

**MAMMOGRAPHY (SAM SESSION)**  
 (8:00 am - 9:00 am)  
**Breast Ultrasound:**  
 Automated Breast Ultrasound System (ABUS)  
*W Lee*

**MAMMOGRAPHY (SAM SESSION)**  
 (9:00 am - 10:00 am)  
**Breast and General US Accreditation:**  
 Setting Up a New US QC Program  
*D Hohreiter*

10:00 am - 10:30 am

Break in Exhibit Hall

10:30 am - 12:30 pm

**THERAPY (SAM SESSION)**  
**Big Data: How Standardizing RT Nomenclature Can Be Your Friend:**  
 TG 263: The Benefits of Standardizing Radiation Therapy Nomenclature;  
 A Physician's Perspective on Implementing Standard Nomenclature;  
 Opportunities to Use Standard RT Nomenclature to Improve Care in the VA Health System  
*J Moran, C Fuller, J Palta*

**DIAGNOSTIC (SAM SESSION)**  
**Current Issues in CT Imaging:**  
 Updates to the ACR CT Manual;  
 Practical Dosimetry of Cone-beam Geometry CT Scanners;  
 Dual-Energy CT: The Many Technologies and Implementations and What They Mean for Physicists  
*C Dillon, J Anderson, D Beaulieu*

12:30 pm - 2:00 pm

Lunch on your own - Exhibit Hall closed 12:30 pm - 1:30 pm  
 Visit the Vendors at 1:30 pm

2:00 pm - 4:00 pm

**PROFESSIONAL**  
**Regulatory Update:**  
 What Does the New Legislative Year Look Like?;  
 Nuclear Medicine Inspections - What Problems Do We Find and Why?;  
 NRC Re-Evaluation of Category 3 Source Security and Accountability;  
 Are Radioactive Materials Secure?  
*M Reiter, J Elee, D White, R Martin*  
 (Grand Ballroom A|B)

4:00 pm - 4:30 pm

Break in Exhibit Hall

4:30 pm - 5:30 pm

**THERAPY (SAM SESSION)**  
**Radiobiology for Hypofractionation: Basics for Clinical Physicists:**  
 Hypofractionated Radiation Therapy: Can Clinical Data Further Improve the Therapeutic Ratio?;  
 The Tolerance of the Nervous System to SBRT: Dogma, Data and Recommendations;  
 Clinical Outcomes Modeling and Molecular Imaging for Hypofractionated Radiotherapy  
*E Yorke, P Medin, D Carlson*

**DIAGNOSTIC (SAM SESSION)**  
**Dental Imaging: TG175 Report:**  
 TG175 Overview and Best Practices  
*A Kwan*

TUESDAY, MARCH 21

GRAND BALLROOM A|B

GRAND BALLROOM C

**THERAPY (SAM SESSION)**

**Emerging Technology: Real-time Monitoring of Treatment Delivery:**

Real Time Patient Monitoring;

EPID Exit Dose QA

*S Dieterich, A Olch*

**DIAGNOSTIC (SAM SESSION)**

**Current Topics in MR Imaging:**

Imaging Implants;

Artifacts and Mitigation;

Myocardial Viability Imaging

*J Och, N Yanasak, R Muthupillai*

8:00 am - 10:00 am

10:00 am - 10:30 am

**Break in Grand Ballroom Foyer**

10:30 am - 12:30 pm

**PROFESSIONAL (SAM SESSION)**

**Radiation Safety Officers Review:**

Medical Radiation Safety Officers Review;

But I Already Have a Full-time Job! A Therapy Physicist As Radiation Safety Officer

*S Marsh, D Pavord*

*(Grand Ballroom A|B)*

**CLOSE OF MEETING**