

Spring Educational Symposium - 2019



**March 15-16, 2019
Crowne Plaza
Louisville Airport Expo
Louisville, KY**



Friday, March 15th – Kentucky Derby Museum Sponsored by LAP 704 Central Ave., Louisville, KY 40208	
6:00 pm - 10:00 pm	<ul style="list-style-type: none"> • Arrive at Kentucky Derby Museum – 2nd Floor Gallery
6:30 pm - 7:00 pm	<ul style="list-style-type: none"> • Churchill Downs Historic Walking Tour • Gift Shop Opens
7:00 pm – 7:30 pm	<ul style="list-style-type: none"> • Reception with hors d'oeuvres and two drinks tickets provided • Gift Shop Closes
7:30 pm – 8:30 pm	<ul style="list-style-type: none"> • Mock Racing Activity
8:30 pm – 10:00 pm	<ul style="list-style-type: none"> • Continued Social Time

Transportation

- Free parking is available at Churchill Downs for those driving in the red lot across from the museum entrance
- Shuttle is available from the hotel for guests of the Crowne Plaza – Call 502-367-2251 and ask for the Bellman 15-20 minutes before you would like a ride to check on availability

Feedback for Chapter Officers

Please take a moment to complete our Member Survey so that we can best serve you as officers throughout the year. We truly appreciate your time and feedback.

Members: tinyurl.com/ORVCMember2019

Students: tinyurl.com/ORVCStudent2019

Learning objectives for attendees

- Recognize innovative teaching methods that can be applied in medical physics
- Develop methods for career building including professional networking and preparation for job interviews
- Identify goals of professional writing, manuscripts, and submission to journals
- Discuss the current state of residency education within the region

Educational Credits

4.5 MPCEC have been approved through CAMPEP, ABR SAMs, and MDCB

- **CAMPEP** – Please complete attendance form, speaker evaluation, program evaluation and return to registration desk for CAMPEP credit submission
- **ABR SAMs** – SAMs talks are denoted in the program with and asterisk (*)
 - Please complete the questions online at the website corresponding to the presentation you attended during the scheduled time for the presentation.
 - Please obtain a paper copy of the questions if you are unable to access the online questions
- **MDCB** – Please include your MDCB number on your attendance form for credits



Saturday, March 16th – Crowne Plaza Louisville Airport Expo 830 Phillips Lane, Louisville, KY 40209 – (502) 367-2251	
7:00 am to 7:40 am	Breakfast (Provided) / Vendor Exhibits
7:40 am to 8:00 am	Symposium Launch by AAPM ORVC President Ashley Cetnar, The Ohio State University
8:00 am to 9:00 am	IAEA-AAPM Code of Practice for the Dosimetry of Static Small Photon Fields* Dr. M. Saiful Huq, University of Pittsburgh SAMs: tinyurl.com/SmallField
9:00 am to 9:30 am	Coffee Break (Provided) / Vendor Exhibits

MedPhys Slam Presentations	
9:30 am to 10:15 am	<p>Joshua Allen – University of Kentucky <i>An Investigation into the Correlations Between Clinical Outcomes of Radiation Therapy and Dosimetric Parameters and Imaging Features for SBRT Lung Cancers</i></p> <p>Serkan Balyimez – University of Toledo <i>Quantitative Analysis of Boney Anatomy vs Soft Tissue Matching Using CBCT in Treatment of Pancreatic Cancer</i></p> <p>Mychaela Coyne – Purdue University <i>Developing Compact Deuterium-Deuterium (DD) Generator Based In Vivo Neutron Activation Analysis (IVNAA) as a New Method for Measuring Sodium (Na)</i></p> <p>Victoria Gee – The Ohio State University <i>Evaluation of Materials in the Radiation Beam for a Pediatric On-Treatment Video Projection System</i></p> <p>Christian Langmack – University of Toledo <i>Muons for Use in Radiation Therapy</i></p> <p>Mary Oakey – University of Toledo <i>Evaluation of IMRS Plans: Developing a Quantitative Means for Analyzing Single Isocenter IMRS Plans</i></p> <p>Allison Palmiero – University of Kentucky <i>Single-isocenter VMAT-based Stereotactic Radiosurgery for Multiple Brain Metastases Patients: Loss of Target Coverage from Isocenter Misalignment</i></p> <p>Lana Sanford – University of Kentucky <i>Improving the Plan Quality and Treatment Efficiency via Flattening Filter Free (FFF) Beams for Single-isocenter/multiple-lesions VMAT Lung SBRT</i></p> <p>Jill Snyder – University of Kentucky <i>On the Use of 6MV-FFF Beam in the Treatment of Hypofractionated Left Breast Patients Using DIBH</i></p> <p>Angela Steinmann – The Ohio State University <i>MRIgRT Anthropomorphic End-to-End QA phantoms: IROC-Houston's Experience</i></p> <p>Justin Visak – University of Kentucky <i>Clinical Validation of Photon Optimizer (PO) Algorithm in the Treatment of Single-Dose Lung SBRT for RapidPlan Modeling</i></p>
10:15 am to 11:15 am	<p style="text-align: center;">Honorary James G. Kereiakes Keynote Lecture</p> <p>Some Thoughts on the Teaching of Medical Physics* Dr. Vic Montemayor, Lead Physics Faculty at Germantown Academy</p> <p>SAMs: tinyurl.com/TeachPhys</p>

11:15 am to 12:00 pm	Physics Slam Finalist Presentations
12:00 pm to 1:00 pm	Lunch (Provided) / Elite Vendor Presentations <ul style="list-style-type: none"> • Elekta • LAP • Philips Healthcare • Sun Nuclear Corporation • Varian
1:00 pm to 2:00 pm	Kickstarting your Career Building: Networking and Job Interviewing Skills* Dr. Matthew Meineke, The Ohio State University SAMs: tinyurl.com/KickStartMedPhys
2:00 pm to 2:30 pm	Panel Discussion of Residency Directors* Dr. Meg Blackburn — University of Louisville Dr. Nilendu Gupta — The Ohio State University Dr. David Hintenlang – The Ohio State University Dr. Yun Lian — Indiana University Dr. Janelle Molloy — University of Kentucky Dr. David Pearson — University of Toledo
2:30 pm to 3:00 pm	Coffee Break (Provided) / Vendor Exhibits
3:00 pm – 4:00 pm	Clinical Scientific Publishing in an Open Access Environment; the Meaning of the JACMP* - Dr. Michael Mills, University of Louisville SAMs: tinyurl.com/JACMP
4:00 pm to 4:15 pm	Awards and Nomination to MedPhys Slam Nationals
4:15 pm -	<ul style="list-style-type: none"> • Adjournment • Business Meeting Immediately Following – All are welcome to attend

Exhibitor Acknowledgements

The Ohio River Valley Chapter would like to thank the generous support of the following corporate participants:

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AAPM ORVC Officers for 2019



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Michael Gossman, MS, DABR, FAAPM, FACR
ORVC Chapter Board Representative
Tri-State Regional Cancer Center
Ashland, KY
following Convocation Ceremony 5/19/19

The Ohio River Valley Chapter Officers would like to thank you for your attendance. We look forward to seeing you again at our Fall Symposium.