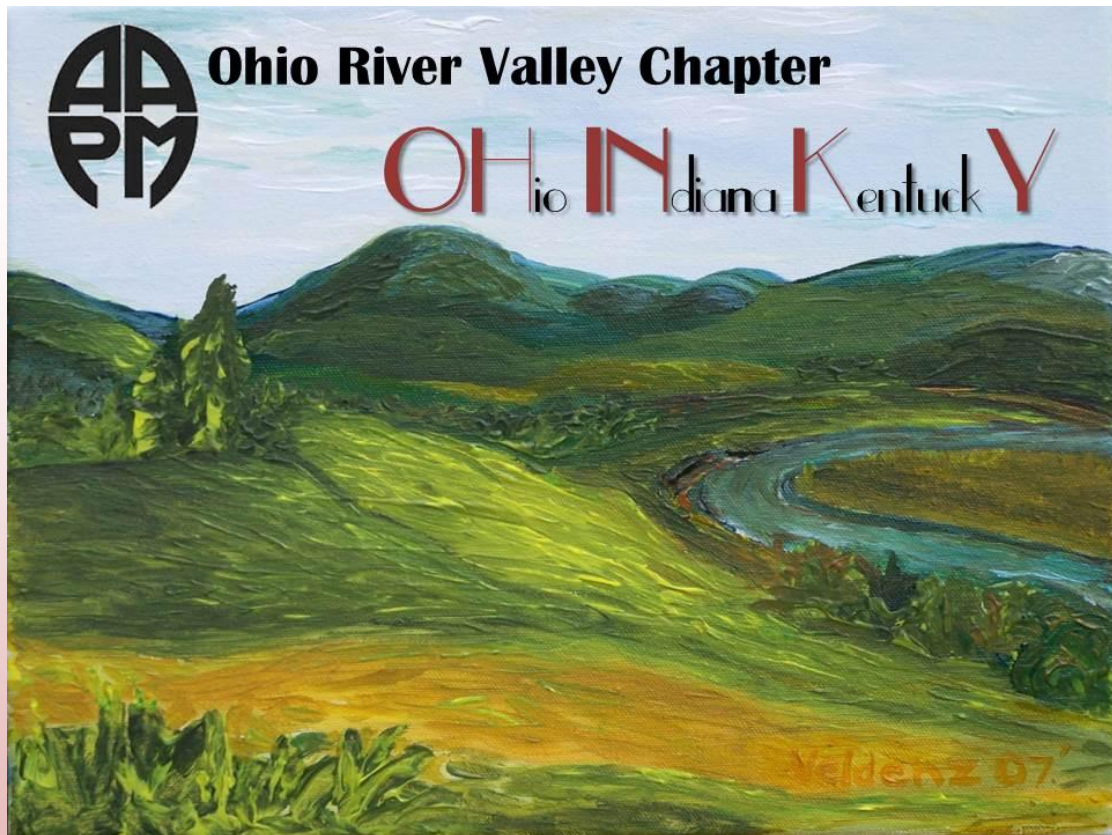


## Spring Educational Symposium - 2015



**April 17-18, 2015  
Dana Cancer Center and  
Radisson Hotel and  
Conference Center.  
Toledo, OH**



# Ohio River Valley Chapter

## AAPM ORVC Spring 2015 Symposium Program

### Friday, April 17 – Dana Cancer Center Lobby

*Conference Drive., UT Health Science Campus, OH – (419) 383-6780*

6:00 pm to 8:00 pm	<b>Poster session setup, “Meet &amp; Greet”</b>
	<b>hors d'oeuvres and 2 drinks tickets provided</b>
8:00pm to ~11:45pm	<b>Social event at The Oliver House – transportation provided</b>
	<b>Lite buffet provided</b>

#### POSTER PRESENTATIONS FROM SUBMITTED ABSTRACTS:

All posters are welcome. If you did not submit an abstract but would like to present a poster please contact a chapter officer. Please bring posters to the Dana Cancer Center Lobby area one hour prior to the meet & greet. Any presenter who was accepted for a presentation is eligible to bring a poster to be displayed from 6-8pm on Friday. Poster boards will be provided.

*(Additional posters on display are from the Ohio River Valley Chapter membership at large.)*



# Ohio River Valley Chapter

## Saturday, April 18 – Radisson Hotel & Conference Center

3100 Glendale Ave, University of Toledo Health Science Campus., Toledo, OH – (419) 381-6800

7:00 am to 7:30 am	<b>Vendor Exhibit Setup</b>
7:30 am to 8:30 am	<b>Breakfast (Provided) / Vendor Exhibits</b>
8:30 am to 8:40 am	<b>Symposium Launch by AAPM ORVC President</b> <i>David Pearson, PhD., DABR, University of Toledo Medical Physics Graduate Program</i>
8:40 am to 8:45 am	<b>Opening Remarks by AAPM ORVC President-Elect</b> <i>Nicholas Sperling, Ph.D., DABR, University of Toledo Medical Physics Graduate Program</i>
8:45 am to 9:45 am (Guest Speaker)	<b>Honorary James G. Kereiakes Keynote Lecture</b> Future direction for quality and safety <i>Todd Pawlicki, UCSD</i>
9:45 am to 10:15am	<b>Coffee Break (Provided) Vendor Exhibits</b>
10:15 am to 10:30 am	Are small field detector correction factors strongly dependent on machine-specific characteristics? <i>Damien Mathew, University of Toledo Medical Center</i>
10:30 am to 10:45 am	To systematically characterize inter-fraction breast variability and determine implications on delivered dose. <i>Mickaela Sudhoff, University of Cincinnati</i>
10:45 am to 11:00 am	Commissioning of an IntraOp Mobetron <i>Shelby Grzetic, The Ohio State University</i>
11:00 am to 11:30 am	<b>Coffee Break (Provided) / Vendor Exhibits</b>
11:30 am to 11:45 am	Variation in Dose to OAR from Planned Dose to Delivered Dose for Parallel Structures <i>Thomas Holtschneider, University of Cincinnati</i>



## Ohio River Valley Chapter

11:45 am to 12:00pm	Developing image quality assessment procedures as part of routine quality assurance program for dental cone beam computed tomography <i>Haitham Alahmad, University of Toledo Medical Physics Graduate Program</i>
12:00 pm to 12:15 pm	Customized Video Goggle Feedback System for motion management during radiotherapy <i>Vi Nhan Nguyen, University of Louisville</i>
12:15 pm to 12:30 pm	A Dosimetric Evaluation of IMRT versus 4 Arc VMAT in the Treatment of Bilateral Head and Neck Cancer using Concavity Ratio Defined PTVs <i>Vincent Ulizio, University of Toledo Medical Physics Graduate Program</i>
12:30 pm to 12:45 pm	Limit of detectability and resolution of a cylindrical QA phantom for quality assurance of VMAT and SRS <i>Tara Gray, University of Toledo Medical Physics Graduate Program</i>
12:45 pm to 1:45 pm	<b>Lunch (Provided) / Vendor Presentations</b>
1:45 pm to 2:00 pm	Design and Measurement of a Flattening Filter for Modulation of Cone-Based Stereotactic Radiosurgery <i>Thomas Iverson, University of Cincinnati</i>
2:00 pm to 2:15 pm	Incorporating skin flash into Inverse-planned WBI: Impacts on surface dosimetry <i>Anita Bejarano, University of Toledo Medical Physics Graduate Program</i>
2:15 pm to 2:30 pm	Commissioning and clinical applications of a novel commercial motion system for respiratory motion management <i>Ashley Cetnar, University of Louisville</i>
2:30 pm to 2:45 pm	Monte Carlo Modelling of Dose to the Eye for Electron Radiation Therapy using one Anterior/Posterior Field in Conjunction with a Hanging Lens Shield <i>Dave Duwel, University of Cincinnati</i>



## Ohio River Valley Chapter

2:45 pm to 3:30 pm	What's Next? Exploring Different Career Options in Medical Physics for Graduates Facing the Residency Crunch <i>Sean Tanny, University of Toledo Medical Physics Graduate Program</i>
3:30 pm to 4:00 pm	<b>Coffee Break (Provided) / Vendor Exhibits + Award Deliberation</b>
4:00 pm to 4:30 pm	<b>Awards + President's Closing Comments</b>
4:30 pm	<b>Adjournment (Exhibit breakdown at 4:00pm) Business Meeting Immediately Following</b>

**Notes:**



# Ohio River Valley Chapter

## Exhibitor Acknowledgements

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

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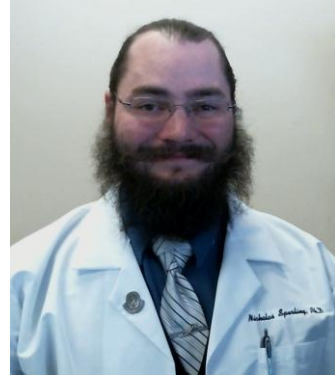


# Ohio River Valley Chapter

## AAPM ORVC Officers for 2014



*David Pearson, Ph.D., DABR  
ORVC President-Elect (for 2015)  
University of Toledo, Department of Radiation  
Oncology  
Toledo, OH*



*Nicholas Sperling, Ph.D., DABR  
ORVC President-Elect (for 2015)  
University of Toledo, Department of Radiation  
Oncology  
Toledo, OH*



*Aaron Odom, M.S.  
ORVC Secretary/Treasurer  
Louisville, KY*



*E. Ishmael Parsai, Ph.D., FAAPM  
ORVC Chapter Board Representative  
University of Toledo Medical Center  
Department of Radiation Oncology  
Toledo, OH*

**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.**