

**56<sup>th</sup> National Conference on Radiation Control**  
**May 20 – 23, 2024**  
**Jacksonville, FL**

**Radiation Protection: Changing, Adapting, Growing**

**Opening Session**  
**Monday Morning, May 20**  
**Moderator: Rikki Waller, Chairperson**

<b>Time</b>	<b>Paper/Topic</b>	<b>Speaker</b>
8:00	Remarks/Welcome	Clark Eldredge
8:10	CRCPD Highlights	Rikki Waller, Chairperson
8:25	Keynote	Commissioner Annie Caputo
8:55	John C. Villforth Lecture	M. Mahesh, MS, PhD
9:25	FDA Update	Donald Miller, M.D.
9:45	CDC Update	Peter Rzeszutarski
10:05	<i>Break</i>	
10:25	DOE Consequence Management	Alvin Morris
10:45	FEMA Update	Tom Warnock
11:05	NRC Update	Kevin Williams
11:25	DOE Update	Shea Cotton
11:45	<b>Gerald S. Parker Award. Recognition Awards</b>	Presented by Rikki Waller, Chairperson
12:00	<i>Lunch – on your own</i>	

**Monday Afternoon, May 20**  
**Topical Training**

<b>Time</b>	<b>Subject</b>	<b>Facilitator(s)</b>
1:15 – 5:15	AAPM – Defining, Quantifying, Measuring, and Reporting Dose	Kathleen Hintenlang, Ph.D.
1:15 – 5:15	Crash Course in RadResponder and Power User Demonstrations	Brendan Palmer, Hillary Haskins, Jill Slubowski
1:15 – 5:15	Fusion System Considerations: Tritium Management and ALARA Considerations	Allyce Bolger, Megan Schober, Walter Shmayda
3:15 – 3:45	<i>Break – Poster/Exhibit Visitations</i>	

**Session: Healing Arts**  
**Tuesday Morning, May 21**  
**Moderator: Lisa Bruedigan**

<b>Time</b>	<b>Paper/Topic</b>	<b>Speaker</b>
8:00	AAPM Presidential Address - TBD	Todd Pawlicki, AAPM President
8:20	Quality Improvement Learning Network	Mythreyi Chatfield
8:40	NRC's Medical Team Updates	Celimar Valentin-Rodriguez
9:00	Overview of NRC's Training and Experience Implementation Guidance	Celimar Valentin-Rodriguez
9:20	Recent Radiopharmaceutical Medical Events	Katherine Tapp, Ph.D.
9:40	H-38 Update on Medical Event Reporting	Jennifer Elee, Kathleen Hintenlang, Ph.D.

10:00	<i>Break/Poster/Exhibit Visitations</i>	
10:30	ASTRO Update	Cindy Tomlinson
10:50	Reducing Dose and Improving Image Quality During Dental Radiography	Keith Strauss
11:10	ACR Updates	Dustin Gress
11:30	Fluoroscopic ALERT Values and Their Importance in Pediatrics Imaging	Keith Strauss
11:50	<b>James Miller, Meritorious</b>	Presented by Rikki Waller, Chairperson
12:00 – 1:10	<i>Lunch – on your own</i>	

**Session: General  
Tuesday Afternoon, May 21  
Moderator: Cindy Costello**

<b>Time</b>	<b>Paper/Topic</b>	<b>Speaker</b>
1:10	Update on Emerging Medical Technologies	Katherine Tapp, Ph.D.
1:30	Update from AAPM Gov't Relations	Sebastian Gros, David Crowley
1:50	ACR AI Applications Topics	Mythreyi Chatfield
2:10	H-47: Future of Artificial Intelligence in Nuclear Medicine and Radiology	Auggie Ong, Catherine Perham
2:30	<i>Break/Poster/Exhibit Visitations</i>	
2:50	Radiation Control Program	Alemash Tesema Biftu
3:10	The National Alliance for Radiation Readiness (NARR): The Nations "Voice of Health"	Adrianna Evans, Chris Williams
3:30	<b>Public Servant Award</b>	Presented by Rikki Waller, Chairperson
3:50	Session Ends	

**Special Interest Meetings  
Tuesday Afternoon, May 21**

<b>Time</b>	<b>Topic</b>	<b>Facilitator(s)</b>
4:00 – 5:00	Training for Light Show Inspectors	Martin Barraclough
4:00 – 5:00	Seeking Your Input on the Future of DOE Consequence Management	Lainy Cochran

**Special Interest Meetings  
Wednesday Morning, May 22**

<b>Time</b>	<b>Topic</b>	<b>Facilitator(s)/Moderator</b>
8:00 – 9:00	Health Physics Work Force Development and Coordination Working Group Update	Sarah Sanderlin, Kevin Williams, Keisha Cornelius
8:00 – 9:00	Scenario Development Workshop	Nan Williams, Mike Howe

**Session: Radioactive Materials  
Wednesday Morning, May 22  
Moderator: Pat Mulligan**

<b>Time</b>	<b>Paper/Topic</b>	<b>Speaker</b>
9:10	OAS Update	Keisha Cornelius
9:30	Fusion Regulatory Updates	Allyce Bolger

9:50	Ohio Leverages UAV Mounted Radiation Detection Equipment (Drones) to Protect Responders and the Public and Unmanned Aerial Vehicle (UAV/Drone) Radiation Detection Capability	William Lohner
10:20	<i>Break/Poster/Exhibit Visitations</i>	
10:40	Graded Approach to Emergency Preparedness	Don Johnson
11:00	Communicating with the NRC Headquarters Operations Officers	Ian Howard
11:20	The Advisory Team for Environment Food and Health: We are Here to Help!	Sara DeCair, George Brozowski
11:40	Overview of RAP	Kent Gray (NNSA/CM)
12:00	<b>Meritorious Award</b>	Presented by Rikki Waller, Chairperson
12:15	<i>Lunch – on your own</i>	

**Session: Homeland Security/Emergency Response  
Wednesday Afternoon, May 22  
Moderator: Tanya Ridgle**

<b>Time</b>	<b>Paper/Topic</b>	<b>Speaker</b>
1:30	Radiological and Nuclear Planning, Response, and Recovery Tools	Eliot Calhoun
1:50	Effective Contamination Screening at Community Reception Centers in Response to a Radiological Dispersal Incident	Gladys Klemic
2:10	REP Program Manual, Potential Recommendations to Change Monitoring Techniques in the Event of a Commercial Nuclear Power Plant Incident	Michael Howe
2:30	Putting Our Vision into Focus: NRC Collaboration to Enhance Emergency Preparedness	Todd Smith
2:50	Intentional Outreach to Tribal Nations	Caty Nolan, Nan Williams
3:10	<i>Break/Poster/Exhibit Visitations</i>	
<b>3:40</b>	<b>A 10-Year Personal History of the Radiological Operations Support Specialist</b>	<b>William Irwin</b>
<b>4:00</b>	<b>Tenth Anniversary Celebration of the ROSS</b>	<b>William Irwin, Daniel Blumenthal, Eliot Calhoun, Angela Leek</b>
5:00	Session Ends	

**Session: Environmental  
Thursday Morning, May 23  
Moderator: Hillary Haskins**

<b>Time</b>	<b>Paper/Topic</b>	<b>Speaker</b>
8:00	IAEA and CRCPD Cooperation Towards Radiation Safety	Miroslav Pinak and Ruth McBurney
8:20	IAEA Activities on Radiation Protection of Patients	Ola Holmberg, IAEA
8:40	The IAEA ISEMIR System for Occupational Radiation Protection Optimization	Jizeng Ma, IAEA
9:00	Non-Food Commodities Panel	<b>Olvido Guzman, Kevin Williams, Lisa Bruedigan</b>
9:40	<i>Break</i>	
10:00	E-25 Committee on Radon Update	Joshua Kerber, Kim Steves
10:20	A Review of Multiple Consumer Digital Radon Monitors at Three Radon Exposure Levels	Brian Hanson, Alexandra Bahadori

10:40	Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)	Kathryn Snead, Mike Stewart
11:00	EPA Update	Andrea Cherepy
11:20	<b>Radon Hero Award</b>	
11:25	Session Ends	
11:30	Business Meeting #2	

**Training Courses  
Sunday, May 19**

<b>Date/Time</b>	<b>Topic</b>	<b>Facilitator(s)</b>
8:00 – 5:00	ROSS – 2024 New Concepts for Nuclear Power Plant Emergency Preparedness Training	William Irwin, Sc.D.
8:00 – 5:00	AAPM – The Needs of the Patient Come First at Mayo Clinic	Kathleen Hintenlang, Ph.D.

**Posters – Technical Exhibits**

<b>#</b>	<b>Title</b>	<b>Author/Presenter</b>
1	Realizing Performance-Based Emergency Preparedness	Kenneth Mott
2	Overview of Fusion Technologies, Safety Hazards, and Regulatory Framework	Auggie Ong
3	H-47: Future of Artificial Intelligence in Nuclear Medicine and Radiology	Auggie Ong