Message from Chairperson William Irwin, Sc.D., CHP

This is has been an exciting couple of months for our field of radiation protection:

• Here at the CRCPD, we elected three new Board members, and we visited the **Nuclear Regulatory Commission (NRC)** for our annual briefing with the Commissioners and staff. I also had the pleasure of representing the CRCPD at the **Organization of Agreement States (OAS)** spring Board Meeting.

• The **National Council on Radiation Protection and Measurements (NCRP)** held its Annual Meeting, and worked with us at the **Health Physics Society (HPS)** Mid-Year Meeting which was largely devoted technologically enhanced naturally occurring radioactive material (TENORM).

• For the third year in a row, we sent a CRCPD member as a ROSS to Vibrant Response, the improvised nuclear device (IND) exercise sponsored by the **U.S. Army’s Northern Command**.

“I thank you all for the opportunity to serve in this great capacity, and for the honor of representing you and the incredible work you do.”

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Message from Chairperson (continued)

I am so excited about the transitions occurring on the Board. At the conclusion of the Annual Meeting in Lexington, Dave Allard will become our new Chair-Elect, Cindy Becker will be our new Treasurer-Elect, and Jeff Day will become our newest Member-at-Large. We are fortunate to have these exceptional people step up to continue the important work of the CRCPD. Congratulations Dave, Cindy and Jeff, and my heartfelt thanks to the other nominees who could easily fill these roles in the future! I look forward to working with the new Board. As NRC Commission Chairman Burns noted recently, the rotation of officers in our organization is a great strength that helps keep our course consistent and true.

With regard to that meeting with Chairman Burns, Jared Thompson and I had the honor and privilege to meet with all of the Commissioners as a panel, to meet with each of them one-on-one, and to meet with the NRC staff this past April 19. This was my fourth collection of meetings of this nature with the NRC. I have two more planned while I finish out my term on the Board. It is very clear to me that we are building valuable relationships with these important men and women. These relationships will be critical as together we find better ways to continue to do our work in radiation protection in an era of great change.

This was reflected in the Annual Meeting of the NCRP this year where its theme was Where Are the Radiation Professionals? It was a fascinating collection of presentations. Presenters shared their experiences:

- at universities where too few students are studying subjects typically leading to careers in radiation protection;
- in health care where there are more medical physicists (MPs) than there are internships to qualify them for practice;
- in industry where health physicists struggle to define their own practice; and
- in states where professionals are keenly groomed only to be swept away by higher paying employers.

One of the lessons I learned is that ours is a mature profession in a landscape of rapidly changing complexities - our people must be well-prepared and constantly improve to maintain our primary purposes to protect public and worker health and the environment.
This is a mission shared by our colleagues at the OAS. I so enjoyed interacting with them during their spring Board Meeting. What a great bunch of people! Our other common concerns are:

- protecting the resources supporting the NRC’s Agreement State Training Program and web-based licensing;
- continuing to improve our efforts for Category 1 and 2 source security and overall pre-licensing activities;
- providing thoughtful comments on proposed changes to regulations (this is a big year for decommissioning, radioactive waste and nuclear medicine rulemaking); and
- seeking financial surety for sealed sources.

Our partnership with OAS is very powerful in these and other areas.

Like the NCRP, the Health Physics Society can be another effective partner for the CRCPD. As I noted, our people must continue to improve their skills, knowledge and abilities. The HPS provides many avenues for us all to gain a solid science foundation, while also advancing important shared positions. This was the case at the HPS Mid-year Meeting in Austin, Texas. With the NCRP, the mid-year became the venue for some of the most important conversations, debates, and problem-solving sessions on technologically-enhanced naturally-occurring radioactive material (TENORM). Several of our members presented on various perspectives, and together we are beginning to come to consensus on regulatory and other provisions to help manage TENORM.

Finally, I want to recognize our continuing efforts to cultivate the Radiological Operations Support Specialist (ROSS) role. For the third year in a row, the CRCPD has sent a ROSS to Vibrant Response, the annual exercise of the nation’s primary assets for responding to an improvised nuclear device. While I type this, Jeff Semancik, Connecticut’s Radiation Control Program Director, is making his way to his hotel room after a 12 – 14 hour shift at Vibrant Response 16. I hope he is gaining as much from the experience as Kay Foster did in 2015 and I did in 2014. More importantly, I am certain that the Commonwealth of Pennsylvania is getting vital nuclear emergency assistance from Jeff as a ROSS.
Message from Chairperson (continued)

Speaking of this, I hope you will be joining your friends and colleagues in a couple of weeks in Lexington as we hear about Ken Yale’s experiences as a ROSS at Southern Exposure last year, and we hear about another ROSS opportunity at Northern Lights in Minnesota this fall.

This is my last Newsbrief as CRCPD Chair. As I transition to a new role on the Board as Past Chair, I thank you all for the opportunity to serve in this great capacity, and for the honor of representing you and the incredible work you do as the Conference of Radiation Control Program Directors.

I look forward to thanking many of you in person in Lexington the week May 15th!

William Irwin
Greetings from Your Executive Director

Ruth E. McBurney, CHP

A Year of Collaboration

The year 2016 is turning out to be a year of even more collaboration with other organizations to achieve greater radiation protection capabilities for a myriad of issues. Just in the past few months, the following cooperative efforts have occurred.

National Radon Action Plan Strategy Development

In March, the federal agencies participating in the Federal Radon Action Plan (FRAP) had succeeded in accomplishing 88 percent of its commitments, and subsequently closed out the plan. This successful plan has served as a springboard to more strategic National Radon Action Plan (NRAP) that was launched in November 2015.

The NRAP implementation is being led by the American Lung Association and involves several participating organizations, including CRCPD. Working together, the organizational and agency members of NRAP aim to mitigate five million high radon homes and save 3,200 lives from lung cancer annually by 2020. Currently, CRCPD is participating with the other organizations and federal agencies in the development of key strategies and trackable actions that can be taken to help to reach the 2020 goal.

National Council on Radiation Protection

This year’s National Council on Radiation Protection (NCRP) meeting had as its theme “Meeting the Needs of the Nation for Radiation Protection.” This meeting focused on the radiation workforce needs of the country, how we got here, where we need to be, and how we get there. My presentation at that meeting was on the changing roles of state health physicists over the past few years. I heard several comments regarding the presentation on behalf of the states that they didn’t realize just how large the scope of state radiation physicists’ responsibilities are and how much they change from year to year. It was a great opportunity to spread the word on how much you do in your positions in state government.

While at NCRP, Chairperson Bill Irwin made a presentation to the Program Area Committee 5 on Environmental Radiation and Radioactive Waste Issues regarding the need for guidance on disposal of contaminated land and materials following a radiological or nuclear incident.
Greetings (continued)

Collaborations

National Alliance for Radiation Readiness

Several CRCPD members recently participated in a Situational Awareness Workshop to work on ways that population monitoring and epidemiological data collected in a radiological emergency response could be shared across jurisdictions. The workshop brought together state epidemiologists, county emergency planners and public health preparedness workers, and radiation control personnel to develop recommendations for future data sharing.

NACCHO Public Health Preparedness Summit

During the week of April 18, 2016, CRCPD participated in the Public Health Preparedness Summit in Dallas, Texas, sponsored by the National Association of County and City Health Officials (NACCHO). Isabelle Busenitz, Chair of the HS/ER-10 Task Force for Volunteer Development, and I made presentations regarding the development of a new tool kit for incorporating radiation professionals into local response groups for population monitoring and shelter assistance in the event of a radiological or nuclear incident. The tool kit and its new online location on our website are described in this issue of the Newsbrief.

Also, CRCPD exhibited at the Summit and participated in a Community Reception Center (CRC) radiological monitoring exercise. More details on this event are also provided elsewhere in this issue.

NACCHO will be sending a representative to our Annual Meeting in May to showcase some of the CRC exercises that they have sponsored in different parts of the country. Please stop by their booth if you are at the Lexington Conference.

A Year of Greater International Collaboration

In addition to our Chairperson’s participation as an organization with formal relations with the International Council on Radiation Protection (ICRP) at their meeting in Seoul, Korea, last October, two of our Board members have been invited to make presentations at the International Atomic Energy Agency (IAEA). Jennifer
Executive Director

Greetings (continued)

48th National Conference

“It’s another great chance to network and collaborate with colleagues, federal partners and other organizational representatives to address the current issues in radiation protection.”

Ruth E. McBurney

A Year of Collaboration - continued

Elee, CRCPD Healing Arts Council Chair, recently participated in the International Conference on Effective Nuclear Regulatory Systems in Vienna, Austria, where she made a presentation on regulating complex medical modalities. In June, Jared Thompson, as incoming Chairperson of CRCPD, will be making a presentation on technologically enhanced naturally occurring radioactive material (TENORM) at an IAEA Topical Session on Challenges in Regulating Naturally Occurring Radioactive Material (NORM) industries.

The expansion of our collaborative efforts this year is producing new partnerships and strengthening old ones. As we bring more relevant stakeholders together on issues, better products are a result.

Coming Together at the Annual Conference

I hope to see many of you at the 48th National Conference on Radiation Control in Lexington next month. It’s another great chance to network and collaborate with colleagues, federal partners and other organizational representatives to address the current issues in radiation protection.

We have a great program lined up and some special social events planned. See you in Kentucky!
48TH NATIONAL CONFERENCE ON RADIATION CONTROL

The 48th National Conference on Radiation Control will be held at the Hyatt Regency Lexington, 401 West High Street, Lexington, Kentucky, May 16 – 19, 2016.

This year’s theme is “Maintaining Quality Radiation Protection Programs in the Era of Change.”

The Technical Program Planning Committee is to be commended for establishing an outstanding agenda.


ONLINE REGISTRATION

https://crcpd.portal.daxko.com

We hope you make plans to join us in Lexington for the 48th National Conference on Radiation Control.
CRCPD Welcomes New Board Members

New Board Members Take Office in May 2016

CRCPD welcomes Dave Allard, Cindy Becker and Jeff Day to the Board of Directors and looks forward to their leadership over the next three years. They will take office at the end of the second Business Meeting, May 19, 2016.

Dave Allard Joins Board as Chairperson-Elect

Dave is the Director of Pennsylvania Department of Environmental Protection’s (DEP) Bureau of Radiation Protection, and responsible for the programs in the Commonwealth for:

- accelerators;
- x-ray;
- environmental surveillance;
- nuclear safety;
- radiological emergency response;
- radioactive materials;
- decommissioning / site clean-up;
- low-level waste; and
- radon.

His other duties include to serve as the Governor’s liaison to the U.S. Nuclear Regulatory Commission and to function as an alternate Commissioner for the Appalachian States Low-level Radioactive Waste Compact Commission. He is also the technical lead on technologically enhanced naturally occurring radioactive materials (TENORM) issues in the DEP.
CRCPD Welcomes New Board Members

New Board Members Take Office in May 2016 - continued

Dave Allard
Chairperson-Elect

Prior to joining DEP in February 1999, he was a consultant to the U.S. Department of Energy on environmental and occupational radiation protection for eight years. Dave has been involved in the various aspects of governmental, industrial, reactor, medical and academic radiation protection for more than 38 years. He has been in leadership roles with the Conference of Radiation Control Program Directors and Health Physics Society (HPS), serves as a member or advisor on several national radiation protection committees, has authored numerous professional papers and reports, and frequently lectures on a wide variety of radiation protection topics and concerns.

Dave received a Bachelor of Science degree in Environmental Sciences from SUNY Albany and a Master of Science degree in Radiological Sciences & Protection from U Mass - Lowell. He is certified by the American Board of Health Physics, a Fellow of the HPS, and, has been the CRCPD’s official liaison to the National Council on Radiation Protection and Measurement for more than 10 years. His other professional affiliations include the American Association of Physicists in Medicine, American Nuclear Society and the National Registry of Radiation Protection Technologists.

Dave’s focus while Chair-Elect and Chairperson will be to promote the CRCPD as a resource to all members, state and federal agencies. He will also address the lack of uniformity in some radiation protection standards and regulations at the national level. More importantly, he has significant concerns related to the anticipated 30-40% retirement of radiation protection staff in state and federal programs, and how the needed knowledge management and training of new staff will be achieved in the next five years.
Cindy Becker
Treasurer-Elect

Cynthia (Cindy) Becker is currently the Bureau Chief for the Bureau of Radiation Control at the Florida Department of Health. As Bureau Chief, she oversees five main sections:

- radioactive material licensing;
- x-ray machine registration;
- field operations;
- technology certification and enforcement; and
- the environmental laboratory and emergency response.

She was promoted to Bureau Chief in July 2012 after serving as the Bureau’s Field Operations and Total Quality Assurance (TQA) Administrator since 1987. Cindy started her career in 1978 as an inspector with the Missouri Radiological Health Program and also worked in the private sector as a radiation machine consultant.

Cindy has a Bachelor of Science degree in Mathematics from Southeast Missouri State University and a Master of Public Health degree from the University of South Florida.
CRCPD Welcomes New Board Members

New Board Members Take Office in May 2016 - continued

Cindy Becker
Treasurer-Elect

She has served on several CRCPD working groups. She is the current chair of the SR-C – Part C working group and previously served as chair of the G-55 Training Committee. She also served as co-chair on a Nuclear Regulatory Commission’s workgroup on training qualifications.

Cindy received the CRCPD’s James W. Miller Award in 2007 for her contributions in the development of state employee training resources.

During her board service, she looks forward to:

- promoting CRCPD’s mission of promoting consistency in addressing and resolving radiation protection issues;
- encouraging high standards of quality in radiation protection programs; and
- providing leadership in radiation safety and education.
CRCPD Welcomes New Board Members
New Board Members Take Office in May 2016 - continued

Jeff Day
Member-at-Large

Jeff is currently the Director of Radiation Management in Los Angeles County. As the Director, he oversees and supervises inspection and compliance activities for radioactive materials, x-ray machines, and emergency response for Los Angeles County Public Health.

He has been with the Department of Public Health for 10 years and 16 years performing health physics. Some of his duties have included performing radioactive material inspections, decommissioning and decontamination projects, and emergency response.

Jeff has a Masters of Instrumentation in Physics, and a Bachelor of Science degree in Physics, both awarded by the University of Utah in Salt Lake City, Utah. He is a certified member of the National Registry of Radiation Protection Technologist. He also is a plenary member of the Health Physics Society.
CRCPD Welcomes New Board Members

New Board Members Take Office in May 2016 - continued

Jeff Day
Member-at-Large

Jeff is serving on the E-43 Committee for Interagency Environmental Data Sharing and Communication.

He also served on the Environmental Protection Agency Committee on Radiological Mitigation and Waste Management for First Responders, and on the Association of State and Territorial Health Officials Committee for the distribution of Neupogen. He is actively involved with the Department of Nuclear Detection Office with the Secure the Cities program in Southern California.

During his board service, Jeff looks forward to working to strengthen the mission and vision of CRCPD. He finds the CRCPD community a valuable asset and resource to the health physics community.
Colorado HB 16-1141 was signed by Governor Hickenlooper on April 21, 2016. The bill, initiated by the Radiation Program at the Colorado Department of Public Health and Environment (CDPHE), provides for state funding of a radon education and awareness program at CDPHE and provides $100,000 for the department to assist low income individuals with the installation of radon mitigation systems in their homes. Jennifer Opila, Colorado Radiation Program Manager, attended the bill signing and is pictured in the attached photo with the Governor, three of the bill sponsors; Senator Jahn and Representatives Becker and Coram and their staff.

Jennifer T. Opila, MPA
Radiation Program Manager
More than 1800 participants from local and state public health, along with federal partners, attended the 2016 Preparedness Summit in Dallas, Texas, the week of April 19-22, 2016. Ruth McBurney, Executive Director CRCPD; Alice Rogers, CRCPD; and Isabelle Busenitz, Kansas Radiation Control Program, provided information during the conference related to the CRCPD involvement in the development of the Radiation Response Volunteer Corps for Population Monitoring.

Ruth and Isabelle co-presented the learning session, “Radiation Responders: A Toolkit for Enhancing Public Health Capabilities to Perform Population Monitoring and Build Resilience for Radiation Emergencies.” During the session they provided information about resources available through the recently launched RRVC Toolkit website. The site contains products developed by RRVC grant recipients through the performance of their projects along with links to helpful federal resources. As part of the learning session, the participants were engaged in a group activity to develop strategies for identifying stakeholders and training content for RRVC. Conference participants were able to view the slides through an innovative conference app that was available for mobile devices.
Ruth and Alice provided additional opportunities for interaction with the participants by staffing the CRCPD exhibitor booth. They made many contacts with current and past RRVC grant recipients. The RRVC Toolkit promotional card was available for distribution from the booth. The exhibitor area was well attended by the conference attendees during breaks and lunch.
2016 Preparedness Summit - continued

A highlight of the conference was the inclusion of a Community Reception Center (CRC) demonstration that was set up to allow participants to experience the stations for population monitoring. The CRC was staffed during lunch on Wednesday and Thursday, with an evening session on Wednesday, with more than 225 conference goers registered to visit. As participants moved through the stations they interacted with staff to learn about the function at each station. Additionally, at each station there was an opportunity for a partner agency to provide resource information. Ruth and Isabelle presented information about the RRVC Toolkit and handed out literature at the Discharge station.
A NEW FACE AT OED

DAVID HUDSON, CPA, CFE

Mr. David Hudson recently joined the staff of the CRCPD’s Office of Executive Director (OED). As Financial Manager, David brings significant experience and knowledge to the position, having previously served as Audit Manager at a local accounting firm, and Controller for another Kentucky non-profit organization. In the short time that he has been working at OED, David has already made several recommendations that will improve the financial management of the office.

We are really pleased to have David as a part of the OED team.
CRCPD Welcomes New Members

**Director Members**

Charma Waring (RI)
Helen Watkins (TX)

**Associate Members**

Wynette Adams (NC)
James Albright (NC)
Thomas Haan (WA)
Andrew Halloran (WA)
Wendy Kaliszewski (TX)
Wendy Moore (NC)
John Priest (SD)
Kristen Schwab (WA)
Adam Tirrell (NH)
Don Verbica (UT)
Amira E. West (WA)

**Affiliate Members**

Linda A. Finn (MA)
Gary M. Guebert (MO)
Gladys Klemic (IL)
Thomas Rusch (MN)
Changes for Directory of Personnel
Responsible for Radiological Health Programs

April

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NM – Santiago Rodriguez – change Environmental Health Division to Environmental Protection Division.
CRCPD Board of Directors

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<th>Board position</th>
<th>Name</th>
<th>State</th>
<th>Work Phone</th>
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<tr>
<td>Chairperson</td>
<td>William Irwin, Sc.D., CHP</td>
<td>Vermont</td>
<td>802/865-7730</td>
<td><a href="mailto:william.irwin@vermont.gov">william.irwin@vermont.gov</a></td>
</tr>
<tr>
<td>Chairperson-Elect</td>
<td>Jared Thompson</td>
<td>Arkansas</td>
<td>501/661-2173</td>
<td><a href="mailto:jared.thompson@arkansas.gov">jared.thompson@arkansas.gov</a></td>
</tr>
<tr>
<td>Past Chairperson</td>
<td>Michael J. Snee</td>
<td>Ohio</td>
<td>614/644-2727</td>
<td><a href="mailto:michael.snee@odh.ohio.gov">michael.snee@odh.ohio.gov</a></td>
</tr>
<tr>
<td>Treasurer</td>
<td>Aaron Gantt</td>
<td>South Carolina</td>
<td>803/545-4420</td>
<td><a href="mailto:ganttaa@dhec.sc.gov">ganttaa@dhec.sc.gov</a></td>
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<tr>
<td>Member-at-Large</td>
<td>Ken Yale</td>
<td>Michigan</td>
<td>517/930-5784</td>
<td><a href="mailto:yalek@michigan.gov">yalek@michigan.gov</a></td>
</tr>
<tr>
<td>Member-at-Large</td>
<td>Jennifer Elee</td>
<td>Louisiana</td>
<td>318/362-5367</td>
<td><a href="mailto:jennifer.elee@la.gov">jennifer.elee@la.gov</a></td>
</tr>
<tr>
<td>Member-at-Large</td>
<td>Patrick Mulligan</td>
<td>New Jersey</td>
<td>609/984-7700</td>
<td><a href="mailto:Patrick.mulligan@dep.nj.gov">Patrick.mulligan@dep.nj.gov</a></td>
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CRCPD Councils

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<td>Environmental Nuclear Council</td>
<td>J. Thompson (AR) 501/661-2173</td>
<td><a href="mailto:jared.thompson@arkansas.gov">jared.thompson@arkansas.gov</a></td>
<td></td>
</tr>
<tr>
<td>General Council and Liaisons</td>
<td>Aaron Gantt (SC) 803/545-4420</td>
<td><a href="mailto:ganttaa@dhec.sc.gov">ganttaa@dhec.sc.gov</a></td>
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<td>Heating Arts Council</td>
<td>Jennifer Elee (LA) 318-362-5367</td>
<td><a href="mailto:jennifer.elee@la.gov">jennifer.elee@la.gov</a></td>
<td></td>
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<tr>
<td>Homeland Security/Emergency Response Council</td>
<td>P. Mulligan (NJ) 609/984-7700</td>
<td><a href="mailto:Patrick.mulligan@dep.nj.gov">Patrick.mulligan@dep.nj.gov</a></td>
<td></td>
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<tr>
<td>Suggested State Regulations Council</td>
<td>Ken Yale (MI) 517/930-5784 <a href="mailto:yalek@michigan.gov">yalek@michigan.gov</a></td>
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The Newsbrief is written to address the needs of all radiation control program personnel. Readers are encouraged to contribute newsworthy or informative items for the Newsbrief, with neither charges nor stipends for the items that are selected. News of state radiation control programs is especially sought.

Articles should be sent to CRCPD, Attn: Sue Smith, 1030 Burlington Lane, Suite 4B, Frankfort, KY 40601 (fax: 502/227-7862; email: <ssmith@cr cpd.org>). The deadline for contributions is the 15th of the month before an issue is to be published.

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