



Conference of Radiation Control Program Directors, Inc.

# NEWSBRIEF

[www.crcpd.org](http://www.crcpd.org)

A Partnership Dedicated to Radiation Protection

April 2020

## Message from Chairperson Jeff Semancik



Normally, I would be writing to you all with excitement and anticipation about the approaching annual conference. As it turns out, the current public health emergency has displaced “normal” for CRCPD as it has for all of us. **It has, at the same time, provided us all the opportunity to reflect on the true value of our relationships and organizations and to leverage these assets to help us get through this together.** In the case of CRCPD, our members have been working together to identify the specific challenges affecting radiation control programs and the regulated community and are working collaboratively to formulate guidance that we can all use to address the needs in our local jurisdictions and communities. Likewise, the Board and our Executive Director Ruth and her staff have been working diligently to shift their resources and efforts from planning

the conference to supporting the pandemic response.

I recognize that many of you have been impacted by this pandemic both economically and, tragically for some, personally. **Despite these personal challenges, you have demonstrated profound professionalism supporting the response in your states, many of you directly involved in your local public health response efforts.** You have also stepped up to support

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## Message from Chairperson *(continued)*

Join Us for the  
Business Webinar

*“The business meeting is important to ensure continuity of our operations and to provide information to and receive feedback from the members on the health and direction of the organization.”*

Jeff Semancik

## Challenges and Transitions - *continued*

our working groups in their efforts to address the challenges facing not only the radiation control programs throughout the country but the members of the regulated community many of whom are at the forefront of this public health crisis or businesses negatively impacted. I am proud of the professional and dedicated manner in which you have responded to this crisis.

In the absence of the annual conference, we will hold our business meeting remotely on May 7th. **While I recognize that you are all actively engaged in local efforts, I urge you to take the time to join us for the business meeting webinar.** The business meeting is important to ensure continuity of our operations and to provide information to and receive feedback from the members on the health and direction of the organization. You will be receiving more information on the meeting and how to participate shortly. Mendy and the Office of the Executive Director (OED) staff will also be providing you with specific information to help you with the specifics of connecting and interacting.

**One important aspect to the business meeting is the transition of the organization’s leadership including turning over the Chair of our organization’s Board to Kim Steves, welcoming our new Board members, and thanking our departing members.** It has truly been a pleasure to work with this Board, all of whom have been active, dedicated, capable, and insightful. You can all rest assured that CRCPD remains in good hands. **The election of three experienced Board members (Mike Snee, Lisa Bruedigan and Angela Leek) brings stability while providing an opportunity to transform how we do business.** Kim has worked with me, our outgoing Past-Chair Karen Beckley, and our new chair-elect Angela Leek to ensure that we are providing a consistent direction to the organization. I have been truly impressed with Kim’s leadership and look forward to CRCPD continuing to grow under her direction.

It has been a truly remarkable and unprecedented year for me, the CRCPD and all us—from a challenging and highly successful hosting of the International NORM IX Conference, to moving and reorganization of the Office of the Executive Director, to the unprecedented COVID-19 public health crisis. CRCPD – Board, OED, and members – have proven to be resilient and met every challenge head on. After this year, I am confident that we have the talent and the commitment to face anything that comes our way! **It has been my distinct pleasure to work with and for such tremendous peers and staff. I thank you all for that opportunity!**



## Greetings from Your Executive Director



Ruth E. McBurney, CHP

### COVID-19 Resources Page

*“... we have gained the perspective that we are providing information and resources to not only our ‘members’ but also to the regulated community, other government agencies, and many other stakeholders that are affected by what we do.”*

## Virtual Activities to Keep You Informed

A strange, extraordinary spring! This is the first time in the history of CRCPD when we have had to cancel an annual meeting. Many other conferences which our members were planning to attend this spring have been cancelled or postponed. As a result, we, like other organizations, are planning on many virtual activities to keep you all informed and to meet the needs of CRCPD during the COVID-19 pandemic.

### COVID-19 Resources Page

As with many associations with a focus on related issues to other groups, in our case radiation protection, **we have established a COVID-19 resource page on our website for radiation professionals.** In so doing, we have gained the perspective that we are providing information and resources to not only our “members” but also to the regulated community, other government agencies, and many other stakeholders that are affected by what we do.

We have received many questions about radiation regulatory issues and enforcement discretion in the states. Thank you to the working groups and state programs that provided suggested guidance in a short period, which we were able to place on our website. Other information and postings from federal agencies and other organizations are also being placed on the site and updated on a regular basis. I encourage you to visit the site at <https://www.crcpd.org/page/covid-19>.

Since many of the planned presentations for the planned National Conference on Radiation Protection are time-sensitive, we have given presenters the opportunity to share their information in other ways. As you will see in this issue of the *Newsbrief* and in future ones throughout this year, we will have articles contributed by those individuals. There have also been initial discussions of finding a day soon in which we can have presentations by webinar as well.

### Annual Business Meeting

Of course, our annual business meeting must go on, so this is being done by web conference in May, scheduled for the week we would have been in Williamsburg. **I hope you will attend on May 7, 2020 at 2:00 pm EDT.** We will soon be sending out the web connection and call-in numbers. Since this is an open meeting, all are invited to tune in, but it is important, just like our face-to-face business meetings, that we have a quorum of Director Members or their designated proxies.

## Executive Director

Virtual Activities to Keep You Informed - *continued*Greetings *(continued)*

## Outreach

*“We really appreciate all the work that has gone on and is still going on in this crisis to keep CRCPD members up-to-date on suggested policies as well as training in lieu of face-to-face conferences.”*

Ruth E. McBurney

## Training and Other Up-to-Date Information

Since many of you are not doing our usual traveling and things like on-site inspections, emergency drills, etc., it has become an opportune time to catch up on training and other up-to-date information. **Thanks to the American Association of Physicists in Medicine (AAPM), many of our members were able to participate in their Spring Clinical virtual meeting.** Also, several other training opportunities are arising this spring and summer, and we will announce them as they come up. For example, **recently the International Atomic Energy Agency (IAEA) planned and presented a webinar on Health Workers and COVID-19: Radiation Protection.** They reached out to CRCPD for an expert from the United States to speak on this topic. Fortunately, one of our great partners from AAPM, Jessica Clements, volunteered and presented her perspectives in the webinar. IAEA has since posted the webinar and it is available for viewing. More information on this can be found in an article in this issue.

## Community Engagement and Outreach

Although it seems like we are having to do more and more virtually these days, CRCPD is taking steps to meet the needs of members by keeping everyone informed and engaged through messages and the website. **In order to know how to expand our community engagement and outreach, we are going to need the help of some of you who are tech-savvy and can provide advice on communication among the radiation control community.** To that end, we are planning on setting up a new working group to address the information and communication needs of CRCPD and the people we serve. If you or someone you know is interested in serving on this group, send a note to one of our Board members or me.

## Appreciation for All the Work Being Done

We really appreciate all the work that has gone on and is still going on in this crisis to keep CRCPD members up-to-date on suggested policies as well as training in lieu of face-to-face conferences. I continue to hope that it won't be long until we can get back together. As Queen Elizabeth stated in her recent talk during the pandemic, **“We will see our families again, we will see our friends again, we will meet again.”**



## Patient Shielding in 2020

by Rebecca Marsh

Over the past year, many medical imaging professionals have been discussing the past, current, and future role of patient shielding. Communication between professional groups has been fostered by the CARES committee (Communicating Advances in Radiation Education for Shielding), which has representation from over a dozen professional organizations, including CRCPD, American Society of Radiologic Technologists (ASRT), Association of Educators in Imaging and Radiologic Sciences (AEIRS), American Association of Physicists in Medicine (AAPM), American College of Radiology (ACR), and the Radiological Society of North America (RSNA).

This group of specialty experts has been invaluable in discussing how relevant stakeholders can best coordinate education and outreach about patient gonadal and fetal shielding.

I discussed some of this work during the AAPM Spring Clinical Meeting, held virtually in early April. I also was scheduled to speak at the annual CRCPD meeting, so in light of the current travel restrictions, I have made this presentation available online.

If this is a topic that is of interest to you, please feel free to view the presentation at <https://bit.ly/3bAT3zc>. Please feel free to contact the CARES committee or me with any comments, questions, or concerns.

CARES Committee  
website: [aapm.org/CARES](http://aapm.org/CARES)  
facebook: [aapmhqCARES](https://www.facebook.com/aapmhqCARES)  
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U.S Environmental Protection Agency  
Office of Radiation and Indoor Air Report

*EPA continues to be an engaged member in the radiation protection community by supporting programs that develop internal expertise and providing technical assistance for products benefiting the radiation community. EPA is proud of the program accomplishments that have been made recently, and in the absence of the CRCPD annual meeting, we appreciate the opportunity to highlight some of these accomplishments with the larger radiation protection community.*

## RADIATION PROTECTION

### ***Continuing Education***

In an effort to improve the Agency's radiation protection expertise and capability, an internal continuing education initiative was initiated in 2017 and is expected to continue through 2020. Recent opportunities for staff engagement have included a third offering of an Advanced Health Physics course.

### ***Protective Action Guide (PAG) Manual Implementation***

EPA has been working on tools to assist organizations with implementing the 2017 PAG Manual. These tools include the release of a draft Dose Conversion Factors (DCF) table that includes DCFs for all 8 age groups, where such DCFs exist, as well as materials to demonstrate

the differences in assumptions behind the 1992 and 2017 PAG Manual calculations, and map products to help visualize what the same incident would look like using each set of assumptions.

### ***Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM)***

Revision 2: The MARSSIM Workgroup continues its work on revision 2 of MARSSIM. The Workgroup anticipates completing a full technical edit of the draft document by April 2020, and with the consensus agreement of all four participating Agencies, will provide the document for public review after that time.

### ***Waste Isolation Pilot Plant (WIPP) Compliance Recertification Application (CRA)***

The EPA has begun reviewing the U.S. Department of Energy's (DOE) WIPP CRA-2019. The EPA received the Department's CRA (without the associated Performance Assessment) in March 2019, and the remaining documentation with Performance Assessment results in late December 2019. This is the fourth application submitted by the DOE since the WIPP began accepting waste in 1999.

### ***Communicating During Radiological Emergencies***

- *Updates to the RadResponder Public Information Library:* By summer of 2020, the public information library

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RADIATION PROTECTION - continued

will be updated with translations of Federal Emergency Management Administration (FEMA), EPA and the Centers for Disease Control and Prevention (CDC) products in as many as 12 languages. You can access the radiation public information library here: <https://www.radresponder.net/#resources/library?rltf=104>

- ***Drafting Recovery Messages:*** EPA is currently developing answers to anticipated public questions about reoccupying an area that has been impacted by a radiological incident. The use of pre-scripted, pre-approved health and safety messages has been successfully tested in a number of emergency response exercises, and findings indicate that they will enable responsive, effective public communications in the event of an actual incident.

***Enhancements in RadNet Data Public Communication***

Since our last update (Fall 2019), exposure rate capability was added to eight existing RadNet near-real-time air monitoring sites: Madison, WI; Corpus Christi, TX; Oklahoma City, OK; St. Paul, MN; Idaho Falls, ID; and Miami, FL.

***Enhancing National Radiological Laboratory Capability/Capacity***

National Analytical Radiation Environmental Laboratory (NAREL), in partnership with EPA Office of Research and Development National Homeland Security Research Center, has developed, validated and published over 50 rapid methods for a variety of radionuclides in a variety of matrices including urban materials. Use of these rapid radiochemical methods results in accurate, defensible data

being available to state and federal decision makers in a more timely manner.

***Field Operations***

The EPA's National Center for Radiation Field Operation (NCRFO) continues to focus on providing field radiation technical support to EPA's Regions, states, tribes, and other federal organizations. NCRFO has provided a wide range of support to our partners including but not limited to radiation surveys, contamination surveys, environmental sampling, gamma spectroscopy, and radon monitoring. Last June and July, NCRFO performed gamma scanning surveys of the New Orleans Lowerline Site in support of removal action efforts performed by EPA Region 6, Louisiana Department of Environmental Quality and City of New Orleans.

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U.S Environmental Protection Agency  
Office of Radiation and Indoor Air Report

**RADIATION  
PROTECTION -  
continued**

***EPA's Radon  
Reference and  
Intercomparison  
Program (ERRIP)***

NAREL has ceased all ERRIP operations during the COVID-19 pandemic. This calendar year, NAREL has performed one radon intercomparison, which was with TCS Industries, Inc. out of Harrisburg, PA and was completed on March 9, 2020. In previous year radon intercomparisons, these commercial chambers have tracked well with the EPA radon reference. In addition to the commercial radon chamber intercomparisons, NAREL is coordinating with the PA Department of Environmental Protection, Radiation Protection, Radon Division to schedule a date in 2020 for the state of Pennsylvania to participate in annual radon intercomparisons. This date will not be

selected until both organizations resume more normal operations following the COVID-19 pandemic.

**INDOOR AIR**

***National Radon  
Action Plan (NRAP)***

The NRAP presents a long-range strategy for eliminating avoidable radon-induced lung cancer in the U.S. In December, the NRAP Leadership Council held an in-person meeting focused on celebrating the accomplishments and progress made to date on NRAP strategies and discussing updates and changes necessary to move NRAP beyond 2020. Collectively, the NRAP Leadership Council continues to discuss and develop strategy for improving outcomes for the mortgage finance industry, and identify state-level radon activities for targeted outreach on policy adoption/ implementation.

***Radon Credentialing***

In August 2017, EPA issued a Federal Register Notice (82 FR 39993) outlining a proposed plan to help ensure access to quality radon service providers. This proposal discussed the Agency's plan to establish criteria for radon credentialing organizations based on voluntary consensus standards and international conformity assessment activities. EPA has not yet moved forward with its planned listening sessions which will provide stakeholders an opportunity to hear about and respond to potential paths forward that the Agency has identified as a result of the comments received and additional research conducted. The Agency plans to hold listening sessions as soon as possible and will provide periodic updates on the status of the listening sessions on its website, [www.epa.gov/radon](http://www.epa.gov/radon).



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INDOOR AIR - continued

**State Indoor Radon Grants (SIRG)**

For FY2020, Congress directed EPA to maintain the Radon Program at the FY2019 operating plan level of \$7.789M. Earlier this fiscal year, \$7.789M was transferred to regional account holders. (Please see regional allotments at: <https://www.epa.gov/radon/state-indoor-radon-grant-sirg-program>.) EPA Regions are currently working with grantees to finalize awards.

**Building Codes**

There was an important development in radon building codes at the ICC Public Comment Hearings in Las Vegas at the end of October. Joint testimony from CRCPD, the American Association of Radon Scientists and Technologists (AARST), and EPA opposed a sidewall venting proposal (RB-286) and supported a post-installation radon test proposal (RB-289), for the International

Residential Code. RB-289 will be added to the voluntary Appendix F, requiring any new Appendix F adopters to test for radon after installing radon-reducing features.

**Standards of Practice**

EPA, AARST, and CRCPD hosted two webinars designed to share information about radon testing and mitigation standards in April. In addition, EPA issued updated guidance recommending that states and other recipients of SIRG reference the most current voluntary consensus-based standards (VCS) when implementing their radon programs (dated April 2020). The updated guidance includes the latest new construction standards, but otherwise remains consistent with the previous version (dated August 2019).

**EPA Contact for More Information on the Office of Radiation and Indoor Air**

Ken Yale  
Director, EPA Center  
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Emergency  
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Indoor Air

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Cell: (702) 715-2436  
[Yale.Kenneth@epa.gov](mailto:Yale.Kenneth@epa.gov)



## An Update on the American College of Radiology Fluoroscopy Dose Index Registry

by A. Kyle Jones, Ph.D.

The pilot phase of the American College of Radiology (ACR) Fluoroscopy Dose Index Registry (DIR) has ended. We are in the process of analyzing the vast amounts of data collected during the pilot, and the first publication from the pilot has been accepted by the *Journal of Vascular and Interventional Radiology*. This publication summarized the dosimetric performance of the 48 fluoroscopic planes that were part of the pilot, and collected survey information on the availability and use of radiation protective equipment on fluoroscopes, such as suspended shields and table drapes.

Our next project is to finish writing a participation guide white paper, which we hope to publish in the next month or two. This white paper will summarize the steps necessary to sign up and participate in the ACR Fluoroscopy DIR, and offer some pearls and pitfalls learned during the pilot that should make it easier for new sites to get up and running with the Fluoroscopy DIR.

We are also working on starting the analysis of the clinical data submitted as part of the pilot. And it is quite a job, because Radiation Dose Structured Reports (RDSR) for more than 100,000 examinations

were collected during the pilot period. A major milestone that needs to be reached to start the analysis is finalizing the mapping of site procedure names to the ACR Common lexicon. This is a very time consuming process, one with which sites that currently participate in the Computed Tomography (CT) DIR will be very familiar.

The ACR is working hard to prepare the Fluoroscopy DIR for opening to all sites wishing to participate. The current target for opening the registry is Summer 2020.

Radiation Dose Structured Reports (RDSR) for more than 100,000 examinations were collected during the pilot period.

A. Kyle Jones, Ph.D.,  
Kevin Wunderle, Ph.D.,  
and the ACR National  
Radiology Data Registry Team

Contact:  
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## IAEA Presents Webinar on Radiation Protection of Healthcare Workers during COVID-19

### IAEA Webinar on COVID-19

On April 22, 2020, IAEA presented a webinar entitled ***Health Workers and COVID-19: Radiation Protection.***

The webinar was presented by Jessica Clements, MS, DABR, medical physicist from the United States (one of CRCPD's liaisons from AAPM), and Enis Ozyar, MD, radiation oncology department chair from Turkey.

Health workers are at the front line of the COVID-19 outbreak response and as such are exposed to hazards that put them at risk of infection. They need to reduce the possibility of COVID-19 infections and deal with a loss of staff due to quarantine, in addition to the usual hazards and the added stress of the pandemic.

These workers can be exposed to radiation when they use radiation sources in diagnostic radiology and interventional procedures using X-rays, nuclear medicine and radiotherapy. During these procedures, it is vital that necessary protective measures are in place for radiation protection of health workers and other essential operators. This webinar will provide examples on how health workers ensure appropriate radiation risk assessment and management in the context of COVID-19 outbreak. This platform, among the many, also highlights and applauds our global front lines heroes.

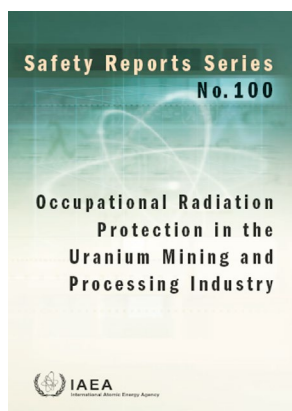
The recorded broadcast and a copy of the presentations made during the webinar are now available at <https://www.iaea.org/resources/webinar/covid-19-and-health-workers-radiation-protection>



## IAEA Publishes New Safety Report on Occupational Radiation Protection in the Uranium Mining and Processing Industry

### IAEA Safety Report: Uranium

This ***Safety Report on Occupational Radiation Protection in the Uranium Mining and Processing Industry (SR-100)*** has been developed as part of the International Atomic Energy Agency (IAEA) programme on occupational radiation protection to provide for the application of its safety standards in implementing a graded approach to the protection of workers against exposures associated with uranium mining and processing.



The publication describes the methods of production associated with the uranium industry and provides practical information on the radiological risks to workers in the exploration, mining and processing of uranium. It is a compilation of detailed information on uranium mining and processing stages and techniques, general radiation protection considerations in the relevant industry, general methodology applicable for control, monitoring and dose assessment, exposure pathways, and radiation protection programs for the range of commonly used mining and processing techniques.

The SR-100 is available for downloads at [https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1890\\_web.pdf](https://www-pub.iaea.org/MTCD/Publications/PDF/PUB1890_web.pdf) and accompanied training package is available at <https://nucleus.iaea.org/sites/orpnet/training/uranium/SitePages/Home.aspx> under the IAEA' Occupational Radiation Protection Networks (ORPNET).

To access ORPNET: <https://nucleus.iaea.org/sites/orpnet/home/SitePages/Home.aspx> Register ORPNET Newsletter to receive updates every three months on upcoming meetings, latest publications, joint projects, posters, and news related to occupational radiation protection. ORPNET spreads good practices, facilitates ALARA implementation, supports experience exchange, and aims to prevent avoiding any overlap of activities at the national and international level. ORPNET looks forward to sending you the latest news and information! <https://mailchi.mp/8dc89d5e14d3/orpnet>



## CRCPD ELECTS NEW BOARD MEMBERS

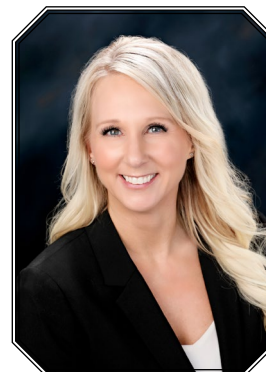
CRCPD members were recently elected to the Board of Directors and will take office at the end of the 2020 annual Business meeting, May 7, 2020.

Welcome....

**Angela Leek (IA) - Chair-Elect Designate**  
**Lisa Bruedigan (TX) - Treasurer-Elect Designate**  
**Mike Snee (OH) - Member-at-Large Designate**

### **A**ngela Leek Chair-Elect Designate

Angela is currently the radiation control program director for the Iowa Department of Public Health and has been involved in the radiation field for 25 years. In addition to her responsibilities in Iowa, Angela is also active in supporting the development and implementation of the Radiological Operations Support Specialist (ROSS) program in coordination with the Federal Emergency Management Administration's Chemical, Biological, Radiological, Nuclear (FEMA-CBRN) Office, and leads a CRCPD subcommittee working to develop continuing education content to support ROSS competency maintenance. She actively participates in national level exercises and develops training and presentations for various groups on both the ROSS and overall radiation emergency planning and response.



Angela currently serves on the CRCPD Board of Directors as council chair for Suggested State Regulations (SSRs). As council chair, Angela also supports the NRC's Standing Committee on Compatibility along with the Organization of Agreement State (OAS) representative and other activities related to SSRs.

Angela also maintains active membership with the Health Physics Society and is Councilor for the North Central Chapter of the Health Physics Society. She is Iowa's governor-appointed state liaison officer to the Nuclear Regulatory Commission and is the voting member for Iowa on the Organization of Agreement States.

Angela earned her Master's degree in Radiation Health Physics from Oregon State University in 2014 and was certified as a Certified Health Physicist in November 2019.

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## CRCPD ELECTS NEW BOARD MEMBERS

**L**isa Bruedigan  
Treasurer-Elect Designate  
(One year as non-voting Board member, 2 years as  
Treasurer)



As the Radiation Unit Manager of the Surveillance Section for the Texas Department of State Health Services, Lisa is responsible for the radioactive materials, x-ray, mammography, laser inspections, and investigations teams, as well as emergency planning and environmental monitoring teams. Lisa also serves as the Chief of Field Operations for the Agency's radiation emergency response team.

Lisa has a Bachelor of Science degree in radiologic health administration and an Associate's degree in radiologic technology. Lisa has worked in the radiation field for 38 years and maintains her credentials with the American Registry of Radiological Technologists and the American Registry of Diagnostic Medical Sonographers.

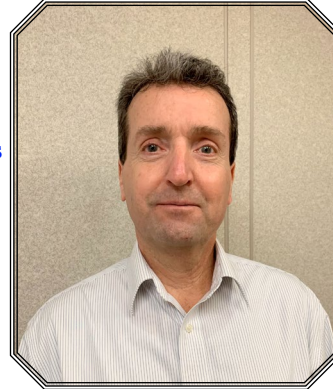
Lisa served on the CRCPD Board of Directors from May 2012 – May 2015 and currently chairs the CRCPD H-32 Committee on Computed Tomography, H-45 Task Force on Electronically Generated Low Energy Sources for Skin Radiation Therapy, and is a member of the H-46 working group on IEC Standards, Guidance and Outreach. She is the current CRCPD liaison to the American College of Radiology.



## CRCPD ELECTS NEW BOARD MEMBERS

### **M**ike Snee Member-at-Large Designate (3-year term)

Michael Snee is the Administrator of the Ohio Agreement State Program. In this role he is responsible for the licensing and inspection of radioactive material licensees in Ohio, including responding to incidents involving radioactive material. Mike earned a Bachelor of Science degree from Thomas Edison State College, a Master of Science in Public Administration from Central Michigan University, and earned the nationally recognized designation as a Certified Public Manager.



Mike has over 35 years of radiation protection experience, including service in the US Navy aboard a nuclear-powered submarine and in the nuclear power industry. He joined the Ohio staff in 1996 and has held several positions with the radiation control program there since that time.

Mike's other responsibilities include serving as the Ohio governor's representative on the Mid-West Interstate Low-level Radioactive Waste Compact Commission and the Midwestern Radioactive Materials Transportation Committee.

Mike formerly served as CRCPD Chairperson in 2014-2015. He currently serves on CRCPD Working Groups SR-A, SR-D, SR-J and is the Chairperson of SR-C. He also served on the Organization of Agreement States Board of Directors as Treasurer from 2008-2011.



## CRCPD Welcomes New Members

### New Members April 2020

#### Director Members

Karen Beckley (NV)

Robert Brinsfield (DE)

Hazel Irene Casares (AK)

#### Associate Members

Afeaneh Asefrad (NV)

Hunter Burgin (AZ)

Emir Cruz (CA)

Melisa Hellman (NV)

Tanner Douglas Jackson (AL)

Matthew Millard (IA)

Thomas J. Parker (TN)

Lisa Steward (CA)

Sean Anthony Williams (AL)

Truman Williams (AL)

#### Affiliate Members

Carri Glide-Hurst (MI)

Kevin Little (OH)

Nancy J. Merrill (MD)

M. Saiful Huq (PA)

Evan Western (IH)

### Directory Changes

Page 8 – AK - change Irene Casares to Hazel Irene Casares and Director Member symbol.

Page 53- NV – add Director Member symbol to Karen K. Beckley name.

Page 97 – UT – add Director Member symbol to Ty Howard

Page 162- Health Canada, Radiation Protection Bureau – remove RFB, Room 201; change B. Ahier email address to [hc.rpb-brp.sc@canada.ca](mailto:hc.rpb-brp.sc@canada.ca); Under B. Ahier name add the following National Radon Program telephone: 613/946-6384, email: [hc.radon.sc@canada.ca](mailto:hc.radon.sc@canada.ca); National Dose Registry telephone: 613/948-2499, email: [ndr-fdn@hc-sc.gc.ca](mailto:ndr-fdn@hc-sc.gc.ca); National Dosimetry Services, telephone: 613/954-6689; email: [nds-snd@hc-sc.gc.ca](mailto:nds-snd@hc-sc.gc.ca)

Page 169 – Canada's Federal Radiation Protection Services Contacts - correct Dominique Nsengiyumva email: [dominique.nsengiyumva@canada.ca](mailto:dominique.nsengiyumva@canada.ca)

Page 170 – Canada's Federal Radiation Protection Services Contacts – Kelley Bush change Division Chief to Section Head.



## Call for News

### Call for News

*Would you like to share some information about your work, or some project or issue that you're involved in?*

CRCPD is interested in what you are doing and would like to share your knowledge and experiences with other CRCPD members through a feature article in the ***Newsbrief***.

If you would like to submit an article, please contact Ruth McBurney (rmcburney@crcpd.org) suggesting a topic you'd like to present.

The ***Newsbrief*** is published six times a year, in even numbered months. Deadline for submission is the 15th of the month of publication.

We welcome your news and photographs, too, if you'd like to share.



## CRCPD Board of Directors

<i>Board position</i>	<i>Name</i>	<i>State</i>	<i>Work Phone</i>	<i>E-mail address</i>
Chairperson.....	Jeffrey D. Semancik.....	Connecticut.....	860/424-4190.....	jeffrey.semancik@ct.gov
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