

# The CHP Corner, April 2023

For CHPs, aspiring CHPs, and anyone else on the bell curve.



## The American Academy of Health Physics

Address contributions to:  
Editor – Kyle Underwood, CHP  
Associate Editor – Dan Sowers, CHP

Email: [j.kyle.u@gmail.com](mailto:j.kyle.u@gmail.com)  
Email: [dsowers430@gmail.com](mailto:dsowers430@gmail.com)



### AAHP SPECIAL SESSION AT THE HEALTH PHYSICS SOCIETY ANNUAL MEETING

*Gus Potter, CHP, AAHP Past President*

As Past President of the AAHP, it is my honor to arrange and convene the AAHP Special Session at the HPS Annual meeting. The session has historically taken place on Tuesday of the meeting, which this year is the 25<sup>th</sup> of July in National Harbor, MD. In between the morning and afternoon sections is the AAHP Awards Luncheon and after the end of the afternoon section is the AAHP Business Meeting. I encourage all CHPs to attend all these activities, both for your personal enrichment and to support the AAHP.

The topic of this year's session is *Radiological Dispersion: Risk and Consequences*. This will consist of some hard science topics including experimental work, modeling, and analysis after a general introduction to the subject area. Presenters represent national laboratories and include research conducted at universities. Presenters and topics include:

- Gus Potter, Sandia National Laboratories, *Introduction to Radiation Dispersal and Consequences*
- Shraddha Rane, Sandia National Laboratories, *RDD Risk—A Holistic Model for Radiological Facilities* (work performed at Purdue University)
- Heather Pennington, Sandia National Laboratories, *Radiological Dispersal Parameters*
- Charles Weber, Oak Ridge National Laboratory, *Chemical Analysis of Cesium Chloride Sealed Sources*

- Stephen Musolino, Brookhaven National Laboratory, *Evaluation of the Radioactive Material Release in the Harborview Research and Training Building and Implications for Emergency Response*
- Andrew Glen, Sandia National Laboratories, *A Study of Suspension and Resuspension of Americium Surrogate Aerosol*
- Mathew Snow, Idaho National Laboratory, *Evaluating Hazards Associated with Dispersed AmBe and Cs Source Materials*
- Larry Trost and Vanessa Vargas, Sandia National Laboratories, *The Economic Impact of Radiological Dispersal Device Effects*

Several of these presentations are supported by the NNSA Office of Radiological Security and we thank them for their continued interest and support of research in this important subject area.

### CHAPTER MEETING: CEC OPPORTUNITY

*Jon Walsh, CHP, BWCHPS President-Elect*

The Baltimore Washington Chapter of the Health Physics Society (BWCHPS) will hold a hybrid annual meeting on Friday, May 5. You don't have to be a member of the Chapter to join the session, which offers four technical contact hours (CECs will be preauthorized). Those interested can register for the event [here](#). The technical sessions are from 1000 to 1200 EDT and 1300 to 1500 EDT. If you have any questions about this event, you can contact Jon Walsh, the BWCHPS President-Elect, at [Walsh.Jonathan@epa.gov](mailto:Walsh.Jonathan@epa.gov).

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## NO BETTER VENUE TO APPRECIATE OUR MULTI-DISCIPLINARY PROFESSION

*Armin Ansari, CHP, AAHP President-Elect*

The National Council on Radiation Protection and Measurements (NCRP) Annual Meeting was held on March 27–28 in Bethesda, MD. The theme of this year’s well-attended two-day meeting was “Integration of Physics, Biology and Epidemiology in Radiation Risk Assessment.” The [program](#) covered a range of topics in epidemiology, cancer biology, non-cancer endpoints and genomics. It included discussion of fascinating technological advances such as single-cell 3-D video microscopy, cytometry, and artificial intelligence—among others—all for the purpose of improving our understating of biological implications of radiation exposure and ultimately improving our risk assessments. The speakers were diverse in their range of expertise; so were the attendees. It was cross-pollination of scientific disciplines at its best. There were quite a few CHPs in attendance. I wish I had counted; let’s plan for a group photo next year! If you have a chance to attend the NCRP annual meeting next year, take advantage of it. You won’t regret it.

## NEW BLOG PUBLISHED

*Dan Sowers, CHP, Chair AAHP Communications Committee*

The Academy’s most recent blog, and seventh in the series, was just published to: [www.aahp-abhp.org/index.php/node/1318](http://www.aahp-abhp.org/index.php/node/1318). In this blog, *CHPs Know Best: 5 Truths About Anti-Radiation Pills That Go Down Easy*, we take a look at potassium iodide pills and their distribution in Ukraine. Of course, it’s relevant to anywhere else in the world where a radioactive iodine release may occur. It’s about a three-minute read—check it out and catch up on the rest of our blogs at: [www.aahp-abhp.org/blog-posts](http://www.aahp-abhp.org/blog-posts).