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Radiation Safety Counseling News

Presentations at CRPA and AIHce

Dear Reader,

This spring I conducted a presentation at the [Canadian Radiation Protection Association Annual Meeting](#) and a podium session in Measurement Techniques for Non-ionizing and Ionizing Radiation at the [American Industrial Hygiene Conference and Exhibition](#). I also compiled notes that included reflections and memories from colleagues of Dr. Herman Cember, CHP that were provided during the [Cember Memorial Lecture](#) regarding Managing Radiation Safety Programs.



Ray Johnson

Below is a synopsis of each with links to the session handouts.

As always, your questions or feedback are welcomed. Feel free to contact us through email, our blog, or our Facebook page.

Regards,
[Ray Johnson](#)
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Radiation Safety Counseling Services

Radiation Safety Decisions - How We are Prone to Errors?

- Have you found yourself puzzled by people's decisions and reactions about radiation?
- Have you felt that their decisions were not rational or based on any real understanding of radiation risks?
- How much do workers or the public really know about radiation risks when they express concerns for radiation safety?
- How can people make instant decisions for radiation safety without knowing much if anything about radiation?

Actually we all make such quick decisions frequently with limited information...

To read the complete paper as well as view the slides from Ray's presentation at the CRPA Annual Meeting, click the link below.

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We have created a Facebook page for the Radiation Safety Counseling Institute. This is another resource for the sharing of radiation safety related information and questions.

Click below to visit our page!

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Got Questions?

If you have a question about radiation safety that you would like to share, please post your question on our Forum (blog) or our Facebook page. Each week our experts will select a question and post an answer that will also be included in our monthly newsletter.

To post a question go to:
[Radiation Safety Forum](#)

or
[RSCI on Facebook](#)

[Radiation Safety Decisions-How We are Prone to Errors? \(pdf\)](#)

Interpretation of Radiation Measurements for Safety Decisions

Since our body does not give us any signal to warn of danger from radiation, we have to rely on radiation instruments. Unfortunately, workers without understanding radiation instruments often react with alarm and make decisions that may not be technically warranted. When hearing a Geiger counter, workers may often conclude, "If radiation is measurable, it must be bad." They defend their fear based decisions for safety by saying, "Better to be safe than sorry."

To read more about how to address this problem as well as view the slides from Ray's presentation at the AIHce, click the link below.

[Interpretation of Radiation Measurements for Safety Decisions \(pdf\)](#)

Dr. Herman Cember, CHP Memorial Lecture

Few men, if any, have had such a tremendous impact on the fields of industrial hygiene and health physics. It is not possible within a few minutes to capture more than an essence of the life of this man that we are paying tribute to in this memorial lecture.

However, for a brief memorial tribute, Ray invited input from several colleagues and students of Dr. Cember, including Dr. Eli Port, Dr. Allen Brodsky, Dr. Frank Bradley, Dr. Thomas Johnson, Dr. Wei-Hsung Wang, Dr. Neil J. Zimmerman, Dr. Robert Phillips, and Ron Kathren.

To read his colleagues memories and reflections as well as view the slides from the presentation at the AIHce, click the link below.

[Cember Memorial Lecture: Interpretation of Radiation Measurements](#)

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