

NCRP Meeting the Challenge at 90: Providing Best Answers to Your Most Pressing Questions About Radiation

Monday, April 1, 2019

Opening Session

- 8:10 am **Presentation of the Colors**
Joint Armed Forces Honor Guard
from the Military District of
Washington, DC
- Singing of the National Anthem**
Kimberly Gaskins
U.S. Nuclear Regulatory Commission
- 8:15 am **NCRP Welcome**
Kathryn D. Held
President, NCRP
- 8:20 am **Introduction**
Fred A. Mettler, Jr.
*University of New Mexico School of
Medicine*

Sixteenth Annual Warren K. Sinclair Keynote Address

- 8:30 am **Introduction of the Speaker**
Kathryn D. Held
- Frontiers in Medical Radiation
Science**
C. Norman Coleman

Exploring the Red Planet: A Focus on the Radiation Environment & Crew Health

Janice L. Huff, *Session Chair*

- 9:00 am **Is the Low-Earth Orbit Radiation
Environment a Good Proxy for
Mars?**
Cary J. Zeitlin
Leidos Innovations Corporation
- Overview of Health Risks
Associated with Deep Space
Exploration**
Eleanor A. Blakely
*Lawrence Berkeley National
Laboratory*

The Sky is the Limit

Mark Shavers
Wyle Laboratories

Perspectives from the Office of the Chief Health & Medical Officer

J.D. Polk
*National Aeronautics & Space
Administration*

10:30 am **Break**

Low-Dose Epidemiology & Regulatory Issues

Roy E. Shore, *Session Chair*

10:45 am **What is the Life Span Study Telling
Us About Cancer Risks at Low to
Moderate Doses?**

Eric J. Grant
*Radiation Effects Research
Foundation*

Risk Estimates from Studies of Low Doses & Low Dose Rates

Richard Wakeford
*Dalton Nuclear Institute, University of
Manchester, England*

NRC Rulemaking Process & Current Regulatory Activities

Patricia K. Holahan
U.S. Nuclear Regulatory Commission

Can Radiation Epidemiology Affect Current Radiation Standards?

Michael A. Boyd
*U.S. Environmental Protection
Agency*

Tissue Reactions

Lawrence T. Dauer, *Session Chair*

11:45 am **Low Dose Radiation & Circulatory
Diseases**

Mark P. Little
National Cancer Institute

Summary

Low Dose Radiation & Cataracts
Nobuyuki Hamada
*Central Research Institute of Electric
Power Industry*

**Gamma Gear: A Video Game to
Teach Radiation Detection &
Protection to Members of the
Public**

Tristan Barr
*Canadian Nuclear Safety
Commission*

Special Presentations

12:15 pm **Portrait Unveiling &
Announcement of John D. Boice
Jr. Young Investigator Award**
Jerrold T. Bushberg, Kathryn D. Held,
& Kenneth L. Miller

**Conclusions; Introduction of Q&A
Panel**

Brooke R. Buddemeier
*Lawrence Livermore National
Laboratory*

12:25 pm **Lunch**

3:00 pm **Break**

Emergency Planning, Response & Communications

Brooke R. Buddemeier, William E. Irwin, &
Jessica S. Wieder, *Session Co-Chairs*

1:30 pm **Response Issues Identified in 2017
NCRP Annual Meeting**
William E. Irwin
Vermont Department of Health

Don't Blame the PAGs
Sara D. DeCair
*U.S. Environmental Protection
Agency*

**New Guidance & Tools for
Radiological/Nuclear Response;
NUSTL Support to State & Local
Planning**
Benjamin Stevenson
*U.S. Department of Homeland
Security*

**Communication Issues Identified
& Efforts to Close the Gaps**
Jessica S. Wieder
*U.S. Environmental Protection
Agency*

Waste Management

William E. Kennedy, Jr., *Session Chair*

3:30 pm **High-Level Waste Tank Closure at
the Savannah River Site: What is
Being Done to Stabilize Liquid
Radioactive Waste from the Cold
War at Savannah River?**
Kent Rosenberger
Savannah River Remediation LLC

**Contamination Mitigation at the
Waste Isolation Pilot Plant in New
Mexico: What has Been Done in
the Aftermath of the Americium
Accident at the Waste Isolation
Pilot Plant?**
Casey Gadbury
U.S. Department of Energy

**Low-Level Waste Disposal: An
Operator's Perspective: What is
the Day-to-Day Reality of
"Routine" Low-Level Radioactive
Waste Operations?**
Joseph J. Weismann
U.S. Ecology, Inc.

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Forty-Third Lauriston S. Taylor Lecture on Radiation Protection & Measurements

- 5:00 pm **Introduction of the Lecturer**
Harold L. Beck
- Fallout from the Nuclear Weapons
Tests: Environmental, Health,
Political, & Sociological
Considerations**
André Bouville
- 6:00 pm **Reception**

Tuesday, April 2

- 8:15 am **NCRP Annual Business Meeting**
- 9:30 am **Break**

Third Thomas S. Tenforde Topical Lecture

- 9:45 am **Introduction of the Lecturer**
Richard J. Vetter
- HPS Ask the Experts: Our Most
Intriguing Questions & Answers**
Genevieve S. Roessler

Frequently Asked Questions: Medical & Other Topics

Jerrold T. Bushberg & Richard J. Vetter,
Session Co-Chairs

- 10:15 am **Panelist Presentation &
Discussion: Answers to FAQs &
Response to Often Heard
Statements**
Panel Members:
Jerrold T. Bushberg
Brooke R. Buddemeier
Raymond A. Guilmette
Randall N. Hyer
Fred A. Mettler, Jr.
Richard J. Vetter
Jessica S. Wieder

Conclusions

Fred A. Mettler, Jr., Jerrold T. Bushberg, &
Richard J. Vetter,
Session Co-Chairs

- 12:00 pm **Wrap Up**
- 12:15 pm **NCRP Vision for the Future & PAC
Activities**
Kathryn D. Held
President, NCRP
- 12:45 pm **Adjourn**