

Study of One Million Radiation Workers & Veterans

Virtual Symposium – November 6, 2020 – 8:30AM-3:00PM

Co-Sponsored by:

Memorial Sloan Kettering Cancer Center; National Council on Radiation Protection and Measurements; Greater NY, Baltimore-Washington, and New Jersey Chapters, HPS

The study of low dose and low-dose rate exposure is of immeasurable value in understanding the possible range of health effects from prolonged exposures to radiation. The Million Person Study (MPS) of low-dose health effects was designed to evaluate radiation risks among healthy American workers and veterans. The MPS is a national effort, directed by John D. Boice Jr. and coordinated by NCRP, with critical support from the NRC, DOE, NASA, U.S. Navy, DoD, NCI, CDC, EPA, Landauer Inc., MSKCC, and national laboratories. The MPS is evaluating low-dose and dose-rate effects, intakes of radioactive elements, cancer and non-cancer outcomes, as well as differences in risks between women and men. Overall, about 30 individual cohorts comprise the MPS. This virtual symposium will address stakeholder perspectives on the importance of such epidemiology and provide the current status of the MPS science, using specific cohorts and investigations as examples.

Topic	Speaker
A Million Persons, a Million Dreams – Overview of the MPS	John Boice, NCRP, Vanderbilt University Medical Center
Importance of Radiation Epidemiology – CDC Perspective	Armin Ansari, Centers for Disease Control
Dosimetry is Key to Excellent Epidemiology	Craig Yoder, Landauer (retired)
MPS Cohort - Medical Worker Study	Lawrence Dauer, NCRP, Memorial Sloan Kettering Cancer Center
Importance of Radiation Epidemiology – DOE Perspective	Joey Zhou, Department of Energy
MPS Cohort – DOE Worker Studies	John Boice, NCRP, Vanderbilt University Medical Center
MPS Cohort – Nuclear Power Plant Workers and Industrial Radiographers	Lawrence Dauer, NCRP, Memorial Sloan Kettering Cancer Center
Importance of Radiation Epidemiology – DOD Perspective	Paul Blake, Department of Defense
MPS Cohort – Nuclear Weapons Test Participants	John Till / Emily Caffrey, Risk Assessment Corporation
Importance of Radiation Epidemiology – NASA Perspective	Steve Blattnig, National Aeronautics and Space Administration
MPS Cohorts – Lung Cancer Risks Among Women and Men	Ashley Golden, Oak Ridge Associated Universities
Cognition and Dementia Following Intakes of Radionuclides	John Boice, NCRP, Vanderbilt University Medical Center
Brain Dose Estimates for Alpha Emitters at MPS Sites	Caleigh Samuels, Oak Ridge National Laboratory
Radionuclide Concentrations in Brain Segments: Autopsy Series	Sergei Tolmachev, US Transuranium and Uranium Registries
A Million Dreams: Radium Dial Painters, Nuclear Submariners, Neutron Exposed Populations, MPS Follow-up, and the National Center for Radiation Epidemiology and Biology (NCREB)	John Boice, NCRP, Vanderbilt University Medical Center

Register for the Virtual Symposium at:

<https://ncrp.civdigital.com/events/million-workers-veterans-virtual-symposium-2020/>

The Symposium will use ZOOM and the link will be provided to all registrants prior to the meeting.

For questions about registration –

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