

Meet the Presenter...

Robert Jones



Dr. Jones is the Chief of the Inorganic and Radiation Analytical Toxicology Branch at the Centers for Disease Control and Prevention (CDC). His responsibilities include planning, implementation, oversight, and completion of programs related to public health that involves non-radioactive and radioactive elements or their isotopes. These programs involve research and development of a wide variety of analytical methods to enable the CDC to assay and monitor the exposure of populations to toxic or radioactive element exposures. The programs also involve a large amount of analytical services to various programs in which the laboratory collaborates with other national and international government agencies, state health departments and universities. These programs look at a broad spectrum of essential, trace and toxic metals using, Inductively Coupled Plasma Mass Spectrometry with Dynamic Reaction Cell Technology, HPLC or GC coupled to Inductively Coupled Plasma Mass Spectrometry with Dynamic Reaction Cell Technology, Electrochemical, Gamma Spectroscopy, Alpha Spectroscopy and Liquid Scintillation methods. Dr. Jones is also overseeing the development of a variety of radionuclide bioassay methods for emergency and terrorism preparedness and response. These methods will allow CDC to assist the states in responding to a major radiological or nuclear incident and allow for the assessment of contamination and exposure in people and to enable the efficient use of medical countermeasures. Dr. Jones' responsibilities also include the implementation and laboratory aspects of multiple local, state, regional, national and international health studies or investigations, responses to multiple Epidemiological Aids and "emergency responses." The Branch is also involved with many long-term (multi-year) local, national or international public health studies. Dr. Jones has 106 publications in the field of analytical chemistry, biophysical chemistry, clinical chemistry and Biomonitoring. He has presented more than 60 national or international invited talks or workshops related to the laboratory aspects of inorganic Biomonitoring as well as chemical and radiological terrorism preparedness and response. Dr. Jones is a Co-Chair of multiple workgroups in the DHS Integrated Consortium of Laboratory Networks (ICLN) and is a member of several CDC, DHS, HHS, FEMA and CLSI national workgroups or committees.

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