



Kathleen L. Caldwell, Ph.D., is the deputy branch chief of the Inorganic and Radiation Analytical Toxicology (IRAT) Branch of the Centers for Disease Control and Prevention (CDC). Her responsibilities include the planning, implementation, oversight, and completion of programs related to public health that involve nonradioactive and radioactive elements or their isotopes. These programs involve research and development of a wide variety of analytical methods to enable the CCD to assay and monitor the exposure of populations to toxic or essential elemental exposures. Her responsibilities also include the implementation and laboratory aspects of multiple local, state, regional, national, and international studies or investigations. In addition, the laboratory group responds to EPI Aids and emergency responses and is involved with terrorism preparedness. The laboratory supports three external quality assurance programs: Ensuring the Quality of Urinary Iodine Procedures (EQUIP) that has 174 laboratories in more than 80 countries; Lead and Multielement Proficiency (LAMP) that currently serves 163 laboratories in more than 38 countries; and Proficiency in Arsenic Speciation that has 15 laboratories in the United States, Canada, and Italy. Dr. Caldwell received her Ph.D. in chemistry from Emory University.