

Post-Doctoral Research Position
Oak Ridge National Laboratory
Chemical Sciences Division
Radiochemistry/Chemical Separations and Isotope Chemist

The Chemical Sciences Division, Oak Ridge National Laboratory (<http://www.ornl.gov>) has openings for a post-doctoral research associate in radiochemistry/chemical separations and in isotope chemistry in the Chemical and Isotope Mass Spectrometry Group.

Research will be focused on developing methods for sample preparation and separation of ultratrace constituents from a variety of matrices, developing methods for high precision isotopic analysis of a variety of isotope systems, and applying these methods to examine isotopic variations arising from both inorganic and biogenic processes in natural and man-made systems.

The group has a variety of modern instrumentation, including a Neptune multi-collector ICP-MS with multi-ion counting, a GBC OptiMass 8000 time-of-flight ICP, and a Triton thermal ionization mass spectrometer with multi-ion counting installed in a Class 100 clean room. Additional facilities include an Element II ICP-MS, NewWave 213nm laser system, Cameca 4f and unique ORNL wide-field of view organic secondary ion mass spectrometers, two Finnigan 252 gas source mass spectrometers with dual inlet and continuous flow GC-combustion systems and associated extraction lines, and clean laboratories for sample preparation.

These are full-time one-year positions with potential for renewal. Salary and terms of appointment are dependent on research experience, and range between \$38000 and \$56000/year. Applicants should send a curriculum vitae, statement of research interests and experience, and names of at least three references to Dr. Lee Riciputi (e-mail riciputi@ornl.gov, phone 865-574-2449), Oak Ridge National Laboratory, P.O. Box 2008, Oak Ridge, TN 37831-6375. Review of applications will continue until the position is filled.

Please reference the position title and number (ORNL05-06-CSD), when corresponding about this position.

These appointments are offered through the ORNL Postdoctoral Research Associates Program (<http://www.ornl.gov/orise/edu/ornl/ornl-pd/ornlpdoc.htm>) and are administered by the Oak Ridge Institute for Science in Education (ORISE).

The postdoctoral program is open to all qualified individuals without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran. ORNL, a multiprogram research facility managed by UT-Battelle, LLC, for the U.S. Department of Energy, is an equal opportunity employer committed to building and maintaining a diverse work force.