

Description

The Wadsworth Center, New York State Department of Health, is seeking an outstanding research scientist at the Assistant Professor level to establish a competitive, extramurally funded, research program in metabolomics. The successful candidate will develop a research program focused on using metabolomic methods to understand the role of environmental factors on metabolism and human health. The successful applicant will join an interactive group of research scientists, which will expand the Center's existing world-class program in exposome Environmental Health | New York State Department of Health, Wadsworth Center.

Research interests may include:

- Advancement of high-resolution, mass spectrometry-based metabolomics and lipidomics methods and bioinformatics tools.
- Discovery of chemical and metabolic markers and mechanisms by which environmental and dietary factors modulate disease risks and progression.
- Integration of metabolomics data with that from other complementary methodologies including exposomics, genomics, lipidomics, transcriptomics and proteomics.
- Development of non-targeted analysis methods using high-resolution mass spectrometry.

The Wadsworth Center (www.wadsworth.org) is the most comprehensive state-public-health laboratory in the country, and includes a dynamic research atmosphere focused on infectious, genetic, and environmental diseases and their impact on human health. Applicants employing innovative, cutting-edge techniques in these areas are especially encouraged to apply.

The successful applicant will receive a start-up package, 12-month salary, and access to Orbitrap, time of flight and other high resolution mass spectrometers. Optional joint academic appointments are provided through the Department of Environmental Health Sciences, based in the University at Albany, College of Integrated Health Sciences (<https://www.albany.edu/cihs/environmental-health-sciences>).

Applicants should submit their curriculum vitae, research plan, and the names/contact information of at least three references to resume@health.ny.gov with "MPP/RS4/12215" in the subject line or by mail to Human Resources Management Group, MPP/ RS4/12215, Rm 2217, Corning Tower Building, Empire State Plaza, Albany, NY 12237-0012, or by fax to (518) 473-3395. Review of applications will continue until the position is filled.

New York State offers a generous benefits package, worth 65% of salary, including: Holiday & Paid Time Off: 13 paid holidays annually; 13 days of paid vacation leave annually, 5 days of paid personal leave annually, 13 days of paid sick leave annually for PEF/CSEA, 3 days of professional leave annually to participate in professional development; Health Care Benefits: Employees and dependents can pick from a variety of affordable health insurance programs, family dental and vision benefits at no additional cost; Additional Benefits include: Retirement System Membership, Deferred Compensation, Access to NY 529 and NY ABLE College Savings Programs, as well as U.S. Savings Bonds, Public Service Loan Forgiveness.

For more information on the NYS Department of Health's Mission, Vision, Values and Strategic Plan, please visit: <https://health.ny.gov/commissioner/mvv.htm>. AA/EOE

Make more than a career. Make a difference.

Requirements

Minimum Qualifications: bachelor's degree in a Natural Science and five years of professional post-degree research experience in the appropriate field; or a master's degree and four years of such experience; or a doctorate in the appropriate field (metabolomics, biomedical informatics) and two years of postdoctoral research experience.

Preferred Qualifications: a doctorate in metabolomics, organic analytical chemistry/mass spectrometry, biomolecular/biomedical sciences, or any related disciplines, hands-on experience in high resolution mass spec analysis of human specimens, and three years of postdoctoral research experience in metabolomics.