Assistant Professor  
**Molecular Nutrition and Metabolomics**  
Division of Nutritional Sciences  
**Cornell University**

The Division of Nutritional Sciences is seeking candidates for a 9-month, full-salaried, tenure-track assistant professor in molecular nutrition with expertise in the development and use of metabolomics and related biomarkers of human metabolism, nutritional status and/or dietary exposure. The successful candidate is expected to have research experience in metabolomics studying human metabolism and/or related model systems, and an interest in understanding the relationships among metabolism, nutritional status and human health. Areas of expertise include, but are not limited to analytical chemistry/biochemistry, mass spectrometry, systems biology, and/or genomics/metabolomics. Research areas of interests include, but are not limited to, the study of biomarkers of human metabolism, human disease, nutritional status or dietary exposure and/or the role of essential and/or non-essential bioactive food/plant components in human health. The successful candidate is expected to maintain an extramurally funded research program, teach in the Division’s graduate and undergraduate programs, and contribute to the development of campus-wide, interdisciplinary initiatives in life sciences and/or computational sciences. This position is aligned with University initiatives in big data, information sciences, and global and public health.

The Division of Nutritional Sciences is a broadly based interdisciplinary unit that integrates theories and methods from across many academic disciplines to understand the complex relationships among chemistry, biology, nutrition, food systems and lifestyle patterns, social and institutional environments and governmental policies in human health. The professor has the potential to develop collaborations with faculty who have broad interests in basic and applied aspects of human biology and metabolism, global and public health, agriculture and food systems and human nutrition.

**Academic Environment at Cornell University**
Cornell is a major Land Grant research and teaching institution established in 1865 with both endowed and state-assisted units. The student population on the Ithaca campus is approximately 5,350 graduate/professional students and 13,670 undergraduates. Cornell offers a strong, interdisciplinary research environment. Recently, the university initiated campus-wide investments in the Life Sciences, the Cornell Population Program, the Institute for the Social Sciences, the Global Health Program, and the Weill Cornell Medical College, which is located in New York City.

**The Division of Nutritional Sciences**
The Division of Nutritional Sciences (DNS) at Cornell University is among the largest academic units in the United States devoted to human nutrition. DNS is a multi-disciplinary unit with scholarly activities that integrate knowledge from the physical, biological and social sciences in the areas of molecular, human, international and community nutrition through teaching, research, and outreach related to food, food systems, nutrition and health. Multidisciplinary research, graduate training and outreach programs include Maternal & Child Nutrition, Nutritional Genomics, Food Systems for Health and Nutrition, Global Health & International Nutrition and Obesity & Chronic Disease. In carrying out its mission, DNS supports and contributes to advancements in basic disciplines and promotes the health and well-being of populations in the US and globally. The DNS undergraduate program consists of four majors. The Nutritional Sciences major and a new major in Global and Public Health Sciences are offered through the College of Agriculture and Life Sciences and the College of Human Ecology. The Human Biology, Health and Society major in offered through the College of Human Ecology, and the concentration in Nutrition in the Biological Sciences Major is offered through the College of Agriculture and Life Sciences and the
College of Arts and Sciences. The Division of Nutritional Sciences is the administrative home for the Cornell Graduate Field of Epidemiology.

Cornell University is an equal opportunity employer

Qualifications:

- PhD, MD or equivalent in Chemistry, Engineering, Genetics/Genomics, Biochemistry, Nutrition, Physiology, or related fields.
- Post-doctoral training preferred.
- Interest in furthering the research and teaching mission of the Division of Nutritional Sciences.
- Experience in research using biomarkers is essential.

Responsibilities:

The candidate is expected to:

- Initiate a vigorous, externally funded research program.
- Maintain a high level of scholarly activity.
- Train graduate students.
- Teach in the Division’s graduate and/or undergraduate majors.
- Forge professional relationships within the Division of Nutritional Sciences and other academic units on campus.
- Participate in the Division of Nutritional Sciences’ graduate and undergraduate teaching programs.

Academic Rank and Compensation:

Assistant Professor with 9-month appointment and expectation of tenure. Position is designated as 60% effort in research, 40% in teaching/instruction. Salary level will depend on experience and expertise and will be competitive with comparable positions at peer universities.

Applicants must apply at https://academicjobsonline.org/ajo/jobs/7327 and upload a cover letter, their CV, a research statement and a teaching statement. Applicants should also arrange to have three confidential letters of recommendation submitted to Cornell through Academic Jobs Online.