

Assistant Professor
Nutritional Biochemistry, Metabolism and Genomics
Division of Nutritional Sciences – Cornell University, Ithaca NY

The Division of Nutritional Sciences at Cornell University is seeking candidates for two 9-month, full-salaried, tenure-track assistant professor positions in fundamental Nutrition, Metabolism and Functional Genomics.

Candidates should be outstanding research scientists for their current rank, and have experience in metabolism, cell biology, genetics, biochemistry, developmental biology and/or experimental genomics with an interest in exploring the interactions among nutrients, metabolism and the genome in health and disease. Research areas of interest include metabolism, systems biology, mammalian developmental and metabolic programming, epigenetics and/or complex metabolic diseases.

Research excellence should be demonstrated by the existence or potential for building an active, externally-funded research program as well as by a strong record of publication in recognized journals. Scholarship related to nutrition and human health, in the broadest sense, should be central to the candidate's research program. Interest in teaching at the undergraduate and/or graduate level is required; participation in the Division's graduate and undergraduate teaching programs related to advanced mammalian metabolism is expected.

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 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 mammalian biology and metabolism, systems biology 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. These positions are supported by a recent University initiated campus-wide investment in the Life Sciences.

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 science 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 is 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.

Cornell University is an equal opportunity employer

Qualifications:

- PhD, ScD, MD, DrPH, DVM or equivalent degree in biochemistry, chemistry or the biological sciences and/or medicine.
- Demonstrated research excellence in areas including, but not limited to, maternal and child nutrition, nutritional genomics and obesity and chronic disease.
- Interest or experience in teaching at the undergraduate and/or graduate level;
- Research excellence demonstrated by a strong record of publication (in books and recognized journals) in the field and a strong history of externally supported research, commensurate with rank.
- Scholarship related to food, diet, nutrition and human health, in the broadest sense should be central to the candidate's research program
- Interest in building academic linkages within DNS program areas, and with other departments and centers throughout the University.

Responsibilities:

The candidate is expected to:

- Initiate and maintain a vigorous, externally funded research program
- Maintain a high level of scholarly activity
- Train and mentor graduate students
- 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 a 9-month full-salaried 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 through Academic Jobs Online at <https://academicjobsonline.org/ajo/jobs/9041> and upload a cover letter, CV, research statement and a teaching statement. Applicants must also arrange to that three confidential letters of recommendation submitted through Academic Jobs Online.