**Overview**

The Division of Nutritional Sciences has research and training in the areas of: Maternal & Child Nutrition; Obesity & Chronic Disease; Nutritional Genomics; and Global Health & Nutrition. These themes are addressed using approaches and perspectives from the life sciences, social/behavioral sciences, and physical sciences.

Individual faculty research areas often span across the programmatic themes and address issues concerning nutrition in human growth & development, nutrition & disease, nutrition problems of poverty, agriculture & food systems, food choice & eating behavior, food insecurity, and nutrition interventions & public policy. These problem-oriented themes serve to foster multidisciplinary research and support the evidence-based development of interventions and outreach strategies.

- USDA-funded training grant in obesity supports doctoral training in this area.
- Graduate students are required to study two other minor fields of study.
- More than 15 faculty participate in this research focus.
- Strong engagement with government, non-profit and private sector.
- Recent junior faculty awards from the American Diabetes Association and the Ellison Foundation.
- Faculty involvement in the Institute of Medicine’s Committees on School Nutrition Standards as well as Pregnancy Weight on Maternal and Child Health.
- USDA-funded childhood obesity prevention programs.

“Those who think they have no time for healthy eating, will sooner or later have to find time for illness.”

- Edward Stanley
The Obesity and Chronic Disease research area in the Division of Nutritional Sciences addresses questions relevant to the role of diet in weight gain and susceptibility to chronic disease. The area is distinguished by the breadth of research topics covered, the expertise of the faculty, integration of research with outreach programs, and the wealth of undergraduate and graduate courses available.

Faculty bridge the basic, clinical and population sciences, and the research is conducted in laboratories, clinics, and in domestic and international field settings. The area promotes training that integrates the biological and social dimensions of diet-related disease, and the translation of this knowledge to advance the health of individuals and populations.

Pregnancy & weight gain
Fetal programming/epigenetics
Models of obesity and diabetes
Maintenance, weight loss and food intake
Breastfeeding and obesity
Adipocyte differentiation
Energy balance and physical activity
Polycystic ovary disease (PCOS)
Obesity and pregnancy/lactation
School nutrition
Childhood obesity prevention
Community weight gain prevention
Worksite interventions

For more information on faculty visit: www.human.cornell.edu/dns/academic