



Distinctive Features

- 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.

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.

Research in Obesity and Chronic Disease



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

- Edward Stanley

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Cornell University
Division of Nutritional Sciences

Obesity and Chronic Disease

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.

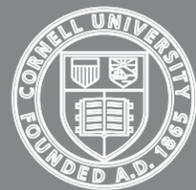
Current Research Topics

- 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

Participating Faculty

- Carole Bisogni
- Patricia Cassano
- Carol Devine
- Jamie Dollahite
- Jere Haas
- David Levitsky
- Marla Lujan
- Kimberly O'Brien
- Christine Olson
- Ling Qi
- Shu-Bing Qian
- Kathleen Rasmussen
- David Sahn
- Jeff Sobal
- Saurabh Mehta

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



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