

Department of Nutritional Sciences
UNIVERSITY OF CINCINNATI ACADEMIC HEALTH CENTER

**SUMMER RESEARCH OPPORTUNITIES
FOR UNDERGRADUATE WOMEN**

APPLICATION DEADLINE: March 1, 2007

The Department of Nutritional Sciences is pleased to offer the following research project for the summer of 2007. Interested students are urged to contact the faculty member(s) directing the project that most interests them. By contacting the faculty member, you can discover more about the project, learn what your responsibilities will be and if possible, develop a timetable for the twelve-week research period.

NUTRITION, PREGNANCY AND FUTURE DISEASES

Professor Debra Krummel

University of Cincinnati Academic Health Center
Department of Nutritional Sciences
ML 394
Cincinnati, OH 45267-0394
Tel. (513-558-8537)
Fax (513-558-7500)
Email: debra.krummel@uc.edu

Project Description

With the high prevalence of obesity, more women are entering pregnancy with excess body weight. Pre-pregnant obesity confers high risk to the mother (gestational diabetes, hypertensive, and thromboembolic disorders) and to the unborn child (large baby, late fetal death, congenital malformations). We are involved in mechanistic and intervention studies addressing obesity in pregnancy. One project is a prospective study of the effects of maternal nutrition on metabolic parameters and placental nutrient transport. Students could be involved in recruitment, assessment, laboratory analysis, and data collection.