

## Women's Nutrition Research Program

### Participating Faculty

Catherine M. Champagne,  
Ph.D., R.D., Coordinator

Michael Bourgeois, M.D.  
*Earl K. Long Medical Center*

Phillip J. Brantley, Ph.D.

Lilian deJonge, Ph.D.

James DeLany, Ph.D.

Paula Geiselman, Ph.D.

Frank Greenway, M.D.

Michael Keenan, Ph.D.  
*LSU Dept. of Human Ecology*

Michael Lefevre, Ph.D.

Carola Leuschner, Ph.D.

Pamela Davis Martin, Ph.D.

Enette Larson-Meyer, Ph.D.

Marlene Most, Ph.D., R.D.

Jennifer Rood, Ph.D.

Donna H. Ryan, M.D.

Steven R. Smith, M.D.

Donald A. Williamson, Ph.D.

Bob Wood, Ph.D.  
*LSU Dept. of Kinesiology*

### Research Interests

Dietary assessment in women; energy requirements in different stages of life.

Clinical obstetrics and gynecology

Behavioral studies to promote maintenance of weight loss

Gender differences in energy expenditure and metabolism; effects of diet and exercise

Energy and water requirements in female military personnel; body composition

Mechanisms of energy, appetite, and body weight regulation in women

Obesity treatment and management; pharmacology of anorectic drugs

Development of a model of postmenopausal obesity; effects of menopause on health

Genetic and diet influences on heart disease.

Hormones and peptides on cancer

Modification of health risk behaviors.

Physiology of female athletes

Dietary modification of fat

Development of new methodologies and improving existing methodologies for clinical chemistry analyses

Obesity treatment; nutrition and cancer

Breast cancer; adipose tissue & obesity

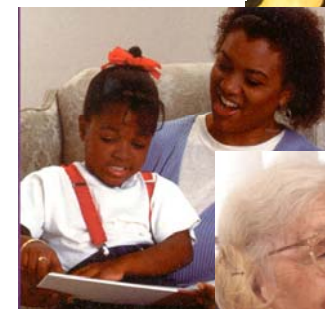
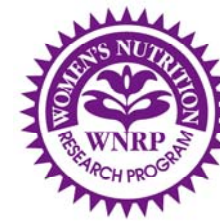
Behavior, obesity and eating disorders

Exercise and aging



Pennington Biomedical Research Center  
Louisiana State University System

## WOMEN'S NUTRITION RESEARCH PROGRAM



Catherine M. Champagne, Ph.D., R.D., Coordinator  
Pennington Biomedical Research Center  
Louisiana State University  
6400 Perkins Road  
Baton Rouge, LA 70808-4124

Web Address

[www.pbrc.edu/wnrp.htm](http://www.pbrc.edu/wnrp.htm)

## Women's Nutrition Research Program

### Mission Statement

*To promote basic and clinical research related to nutrition and disease prevention in women and to encourage the inclusion of women in clinical research trials.*

The Pennington Center's Women's Nutrition Research Program promotes research on nutrition and disease prevention in women. The program brings together previously existing research at the Pennington Center and combines these activities with collaborations with scientists at other research centers and health care facilities.

A research, education, and outreach program specifically targeted to women is warranted since until recently medical research focused primarily on men. Women were often not represented in clinical research trials unless the studies were of specific concern to women, such as in the areas of breast and ovarian cancer, reproduction, and menopause. There has been a lack of attention to gender differences in regards to nutritional needs, body composition, and the progression of chronic disease. Consequently, the WNRP seeks to address the particular needs of minorities, since minority women are at a greater risk for chronic disease.

To complement its research programs, the WNRP offers educational programs, including the annual Irene W. Pennington Wellness Day for Women to address women's unique health concerns.

### HISTORY

The WNRP was established in 1997 in response to the interests of the many researchers at the Pennington Center who were studying issues related to women's health. Dr. Jennifer Lovejoy coordinated the program until 2003, when Dr. Catherine Champagne was named coordinator. A native of Louisiana, Dr. Champagne is a nutritionist who focuses on dietary habits and food consumption patterns of populations. A working group with representation from several institutions and area hospitals was formed to plan the program's directions and activities. WNRP is interested in advancing inter-disciplinary collaborations among investigators at Pennington and other health care and research facilities throughout the state and nation. Furthermore, the WNRP should initiate educational activities to help spread important health messages to women throughout Baton Rouge and Louisiana.



Catherine M. Champagne  
Ph.D, RD, LDN, FADA  
Program Coordinator

***The Pennington Biomedical Research Center's mission is to promote healthier lives through research and education in nutrition and preventive medicine. The process begins with basic research on food and nutrients at the laboratory bench. Findings are then tested in the kitchen or applied to human volunteers in a clinical setting. Ultimately, results are shared with scientists and spread to consumers through education programs and commercial applications.***

### HISTORY OF PENNINGTON BIOMEDICAL RESEARCH CENTER

The vision of the Center was conceived by oilman and philanthropist C.B. "Doc" Pennington. His \$125 million gift to Louisiana State University in 1980 provided the resources to put the design in motion. "Doc" Pennington's plan is now pursued in a complex spanning 320,000 square feet of research and administrative space, with an additional 260,000 square feet planned or under construction.

### FOR ADDITIONAL INFORMATION

For further information, to request a speaker for your group, or to be added to our mailing list, contact: Dr. Catherine Champagne, 225-763-2553, or [champacm@pbrc.edu](mailto:champacm@pbrc.edu)

For information or to volunteer for a clinical research study, call 225-763-2596. Visit our Web Page at [www.pbrc.edu/wnrp.htm](http://www.pbrc.edu/wnrp.htm)

