

# **Female Volunteers Wanted for Nutrition Research Study**

**The Nutrition Department at UNC-Chapel Hill is enrolling participants for a study to examine the effects of estrogen and certain gene variations on human choline requirements.**

**Choline is an essential nutrient and is found in many foods. We recently found that the human choline requirement differs from person to person and is influenced by estrogen and common gene variations. The purpose of this study is to improve our understanding of how these factors change a person's need for choline.**

We are looking for healthy women, with a BMI range of 18-34, who are 18-85 years of age, with no liver problems, no history of heart disease or blood clots, and no history of breast or endometrial cancer.

Post-menopausal women may be asked to take either Premarin (a form of estrogen replacement therapy) or a placebo. Pre-menopausal women will not take any medication. All participants will ingest diets that are low in the nutrient choline.

Participants who are eligible must only eat food provided by the General Clinical Research Center (GCRC). They must also live and stay at the GCRC in UNC Hospital for up to 63 days and will receive their meals there during this time. The entire study will last up to 9 weeks. Participants will NOT be able to attend school or go to work during their participation in this study.

**Participants will receive up to \$3500 for completing the study.**

For more information, please call (919) 408-3320 x 32 or send an email to:

[Adult\\_Choline\\_Study@unc.edu](mailto:Adult_Choline_Study@unc.edu)

