The College of Human Sciences’ Research Newsletter is sent via e-mail once a semester and is also posted on our College’s website. This newsletter acknowledges awarded contracts and grants and refereed publications during the Fall 2008 term.

Look for upcoming Newsletters to inform you of College of Human Sciences achievements, updates and general information.

We are pleased to recognize faculty research.

**Newly Awarded Contracts and Grants—Fall 2008**

**Campbell, S.** Anti-atherogenicity of flaxseed. USDA, $125,000.  
12/01/2008-11/30/2010

The overall objective of the proposed study is to demonstrate that flaxseed cause atherosclerotic lesion regression due to its antioxidant and anti-inflammatory properties and its ability to induce vasorelaxation. The central hypothesis of this study is that whole flaxseed reverses atherosclerotic lesions thereby reducing the risk of cardiovascular disease.

**Illich-Erns, J., Kelly, O.** Calcium and dairy-derived bioactive compounds as stem cell mediators of bone and fat metabolism. Dairy Management Inc., $50,001.00.  
09/01/2008-08/31/2009

Osteoporosis, classically defined as the imbalance between bone resorption and formation, may also be associated with an increase in fat cells produced within the bone marrow, therefore the latter being attributed to the increased body weight and obesity. Ca and vitamin D intake are consistently found to be low among most of the population segments, but particularly among women of all age groups. The objectives of this proposal are to clarify the connection between bone and fat metabolism and to explore nutritional interventions from dairy products with regard to alleviating and/or preventing obesity and osteoporosis.

**Panton, L., Kim, J.,** The effects of class IV laser therapy on Fibromyalgia impact and functional in women with fibromyalgia. Lite Cure, LLC.  
$15,057.00.  
09/15/2008-09/14/2009

The purpose of the proposed study is to examine the effects of infra-red, therapeutic laser therapy in women who have been diagnosed with fibromyalgia.
Fall 2008

Refereed Publications — Fall 2008 term

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**Mission:** The College addresses global challenges and opportunities related to the physical, behavioral, and economic factors influencing the health and development of individuals, families and communities.

**Vision:** The College will have nationally and internationally recognized research and teaching programs focused on creating resources—new information, innovation programs and leading-edge technologies—to improve the health, development and economic well-being of individuals, families and communities.

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Previously published newsletters are located on [http://www.chs.fsu.edu/college/research.php](http://www.chs.fsu.edu/college/research.php)