

College of Human Sciences

Research and Graduate Education News

HDFS has a new faculty member this year **Susan P. Maude**.

Education:

Ph.D., University of Illinois, Urbana-Champaign, 1990

M.Ed., University of Illinois, Urbana-Champaign, 1980

B.A., St. Mary's College, Notre Dame, IN, 1977

If you would like more information about Susan, here is a link to her web page.

<http://www.hdfs.hs.iastate.edu/about/faculty/smaude.htm>

Gary Phye, Curriculum & Instruction, received **\$210,732** from the **Iowa Department of Education** for the project, *Iowa's Reading First Program State Evaluation*.

Gary Phye, Curriculum & Instruction, received **\$17,878** from the **Iowa Department of Education** for the project, *Teacher Development Academy Web site Project*.

Corey Drake, Curriculum & Instruction, received **\$97,341** from the **National Science Foundation** for the project *CAREER: Constructing Coherence: Elementary Teacher's Strategies for Using Standards-Based Mathematics Curriculum Materials*.

Frankie Laanan, Educational Leadership and Policy Studies, received **\$160,000** from the **Iowa Department of Education** for *Iowa Community College Perkins Accountability*.

Tony Wang, **Tony Pometto**, Food Science & Human Nutrition, **Larry Johnson**, Director of the Center for Crops Utilization Research, were awarded **\$113,462.00** from the **Grow Iowa Values**

Fund. They are studying ways to remove oil from the co-products of corn fermentation for ethanol production. The oil could be used to provide bio diesel or to enhance livestock feed.

Suzanne Hendrich, Food Science & Human Nutrition, was awarded **\$18,954** from the **Grow Iowa Values Fund**. She will test a new dietary fiber product based on corn bran to see how it affects human digestion.

Jay-lin Jane, **Sathaporn Srichuwang**, **Tony Pometto** Food Science & Human Nutrition and **Larry Johnson**, director of the Center for Crops Utilization Research, and **Jacek Koziel** and **Charles Hurburgh**, Agricultural and Biosystem Engineering were awarded **\$149,233** from the **Grow Iowa Values Fund**. Their project will develop a technique for converting uncooked dry-grind corn into ethanol.

The Iowa Center for Research on Botanical Dietary Supplements under the direction of **Diane Birt**, Food Science & Human Nutrition, has received \$4.4 million in continuation funding from the **National Institutes of Health**. The center is dedicated to understanding and improving Echinacea and Hypericum perforatum (St. John's wort), two top-selling dietary supplements. The renewal is for three years.

Pamela White, Food Science & Human Nutrition received **\$495,229** for a study entitled "*b-Glucan Structure and Interactions Modulate Physicochemical, Physiological and Sensory Functions of Oats*" from the **USDA National Research Initiative, Competitive Grants Program**.

Pamela White, Food Science & Human Nutrition was appointed to the Nutrition Committee for the Council on Nutrition, Physical Activity, and Metabolism of the American Heart Association (AHA). This body is the primary AHA committee that focuses on nutrition and sets or recommends policy on diet and lifestyle.

Lester A. Wilson, Food Science & Human Nutrition Professor, was recognized by the Institute of Food Technologists Quality Assurance Division as an Outstanding Volunteer.

Kathi and Jerry Thomas, Department of Kinesiology, visited China from October 13-27 to lecture at universities with 6 other U.S. motor development scholars. Jerry and Kathi wrote part of an edited textbook for the People's Education Press and were invited to China to promote the book. They lectured at universities in Beijing, Changsha, Guangzhou, and Hong Kong.

Lori Norton-Meier, Curriculum & Instruction

In a continuation of their collaborative work researching the Science Writing Heuristic (SWH) through the Iowa Science Literacy Project, Dr. Lori Norton-Meier, Assistant Professor in Curriculum and Instruction and Dr. Brian Hand, Professor at the University of Iowa Department of Learning and Teaching have been awarded a second grant from the Math-Science Partnership program from the Iowa Department of Education. This project will track teacher implementation and its impact on student performance on ITBS with respect to science and language and track the relationship between teacher implementation and the development of students' critical thinking skills across a three-year period. More information about the Science Writing Heuristic approach and the entire Iowa Science Literacy Project may be found at

<http://www.ci.hs.iastate.edu/scilit/index.html>.

Teacher Education Update From Associate Dean David Whaley

The Iowa State University Teacher Education Program (UTEP) is the unit that oversees the preparation of undergraduate and graduate students for entrance into the teaching profession. Although housed in the College of Human Sciences, this is a university-wide program that reaches a number of other colleges and departments. It is a program with a long and rich history dating back to 1871 with the establishment of the Home Economics teaching certificate (now known as "Family and Consumer Sciences"). The program in Agricultural Education followed in 1911. Today there are 16 undergraduate licensing areas, six added endorsement programs, and six graduate licensing areas. The function of preparing new teachers at Iowa State University continues with great success today. The level of this success was recently acknowledged through the successful re-accreditation by the State's Board of Educational Examiners for the State Department of Education.

Although the administrative home for the UTEP is in the College of Human Sciences, this program and its participating students, faculty, and staff are found today in three different colleges (Agriculture and Life Sciences, Liberal Arts and Sciences, and Human Sciences). Recent teacher education counts reflect an enrollment of approximately 620 students who are guided academically by approximately 72 full-time and 20 part-time faculty members from these three colleges. Twelve different academic departments deliver the majority of the content expertise for these teaching areas. Nine of these departments are outside of the College of Human Sciences. Although there are 12 primary academic departments involved, teacher education candidates also gain intellectual expertise through coursework and experiential learning delivered in most of the discipline areas embedded within this University academic community, including business, engineering, and design.

**National Science Foundation Summer
2008**

East Asia and Pacific Summer Institutes
For U.S. Graduate Student Pursuing
Science and Engineering

**Australia, China, Japan, Korea, New
Zealand, Singapore, or Taiwan**

- Biological Sciences
- Computer and Information Science
& Engineering
- Education (Science, Mathematics,
Engineering & Technology)
- Engineering
- Geosciences
- Mathematical & Physical Sciences
- Social, Behavioral & Economic
Sciences
- Multidisciplinary Research

Application Deadline:

December 12, 2007

www.nsf.gov/eapsi

E-mail: eapinfo@nsf.gov

*Archived copies of this newsletter are available
on the College of Human Sciences Website at
<http://www.hs.iastate.edu/facstaff/news.php>*

Upcoming Dates and Events

- **November 2, 2007-Education Summit – TheFuture of Education: Responding to Uncertainty**
9 a.m. until 3:30 p.m. in the Memorial Union.
- **November 7, 2007-Fabric Sculpture Dedication** Sculpture done by artist Priscilla Sage E262 Lagomarcino. For more information call Dynette Mosher, 515-294-2820.
- **November 09, 2007-Distinguished Speakers on Nutrition & Wellness**, For more information, contact Diane Birt 515-294-9873.
- **December 6, 2007-Winter Social & Awards Recognition** Faculty & Staff 2-4 p.m. in the Campanile Room, Memorial Union.
- **December 14, 2007- Graduation Celebration** for students in the College of Human Sciences receiving a bachelor's degree, starts at 4:30 p.m. at Stephens Auditorium.
- **December 14, 2007- Reception for Graduation Students** for those student receiving a bachelors degree, masters and PhDs. First Floor Lobby, Scheman Building From 6-7:30 p.m.

Please forward any faculty awards and recognitions received in your department so we can share them with the entire College of Human Sciences.

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