

# College of Human Sciences

Research News – October 2008

The following are grants awarded from October 1 – 31, 2008

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**Kevin Schalinske** (PI, Food Science & Human Nutrition), **Tong Wang** (Food Science & Human Nutrition), **\$23,444** from **American Egg Board** – *Egg Lecithin and Egg Protein: A Dietary Strategy to Reduce Cardiovascular Disease Risk*

**Ersan Ustundag** (PI, Materials Science & Engineering), **Lawrence Genalo** (Materials Science & Engineering), **Denise Schmidt** (Curriculum & Instruction), **\$160,000** from **California Institute of Technology** – *IMR - MIP DANSE*

**Janet Melby** (PI, Human Development & Family Studies), **\$47,775** from **Cincinnati Children's Hospital Medical Center** – *Improving Mental Health Outcomes of Child Brain Injury*

**Michael Spurlock** (PI, Food Science & Human Nutrition), **Diane Spurlock** (Animal Science), **\$498,607** from **Department of Agriculture** – *Fatty Acids and Inflammation in the Adipose Tissue of a Porcine Obesity Model*

**Marcia Rosenbusch** (PI, Curriculum & Instruction), **\$4,978** from **Department of Education** – *National K-12 Foreign Language Resource Center*

**Gerald Miller** (PI, Extension to Agriculture & Natural Resources), **Murlidhar Dharmadhikari** (Food Science & Human Nutrition), **\$80,000** from **Iowa Department of Agriculture & Land Stewardship** – *Enology and Viticulture Program*

**Murlidhar Dharmadhikari** (PI, Food Science & Human Nutrition), **Gerald Miller** (Agronomy), **\$72,000** from **Iowa Department of Agriculture & Land Stewardship** – *Wine Diagnostic Laboratory Supervisor*

**David Whaley** (PI, Curriculum & Instruction), **\$20,000** from **Iowa Department of Education** – *University Teacher Education*

**Mack Shelley** (PI, Statistics), **Elena Polush** (Research Institute for Studies in Education), **Mari Kemis** (Research Institute for Studies in Education), **\$140,000** from **Iowa Department of Elder Affairs** – *Evaluation of the Aging and Disability Resource Center*

**Jacobus Lempers** (PI, Human Development & Family Studies), **\$16,200** from **Iowa Department of Human Services** – *Child Support Training BOC-07-021 Fifth Amendment*

**Tong Wang** (PI, Food Science & Human Nutrition), **\$25,000** from **Iowa Egg Council** – *Quantification, Fractionation and Antioxidation Study of Plasmalogens Obtained from PolarLipids of Egg Yolk and Poultry Processing By-Products*

**Scott McLeod** (PI, Educational Leadership & Policy Studies), **\$12,500** from **Mahaska County Educational Consortium** – *Technology Integration and Leadership Training, Mahaska County Educational Consortium*

**Diane Rover** (PI, Electrical & Computer Engineering), **Mack Shelley** (Statistics), **Steven Mickelson** (Agricultural & Biosystems Engineering), **Monica Bruning** (Engineering Outreach & Recruitment), **Frankie Laanan** (Educational Leadership & Policy Studies), **Robyn Johnson** (Educational Leadership & Policy Studies), **\$324,566** from **National Science Foundation** – *SEEC: Stem Student Enrollment and Engagement Through Connections*

**Scott McLeod** (PI, Educational Leadership & Policy Studies), **\$17,647** from **School Administrators of Iowa** – *Technology Leadership and Information Dissemination Training, SAI*

**Robin Galloway** (PI, Research Institute for Studies in Education), **Mari Kemis** (Research Institute for Studies in Education), **\$30,000** from **School Administrators of Iowa** – *Evaluation of the Iowa Statewide Parental Information and Resource Center*

**Wendy White** (PI, Food Science & Human Nutrition), **\$91,611** from **Unilever Research & Development** – *Novel HPLC-ECD Method for Quantifying Lipophilic Bioactives in Salads in Postprandial Triacylglycerol-Rich Lipoproteins*

**Lawrence Johnson** (PI, Food Science & Human Nutrition), **Dave Raman** (Agricultural & Biosystems Engineering), **\$14,120** from **University of Arkansas** – *Integral Valorisation of Bio-Production*

**Lori Norton-Meier** (PI, Curriculum & Instruction), **\$127,931** from **University of Iowa** – *Writing to Learn: Professional Development Resources*

**Carolyn Cutrona** (PI, Psychology), **Daniel Russell** (Human Development & Family Studies), **\$183,260** from **University of Iowa** – *Examination of Genetic and GXE Effects in the Family and Community Health Studies*

**Joanne Olson** (PI, Curriculum & Instruction), **Michael Clough** (Curriculum & Instruction), **Gayle Huey** (Human Sciences Student Services), **\$58,496** from **University of Northern Iowa** – *Seamless Transitions Into and Through Science Teacher Education*

**Katherine Bruna** (PI, Curriculum & Instruction), **\$49,085** from **University of Northern Iowa** – *The Carmen Sosa Farming Curriculum Project: A Planning Grant Towards Bridging Informal and Formal Math and Science Education to Enhance Talent Expansion and Teacher Performance and Recruitment in Iowa's Demographically-Transitioning Communities*

**Carla Peterson** (PI, Human Development & Family Studies), **\$100,000** from **University of Northern Iowa** – *Iowa Mathematics and Science Education Program: Special Allocation for FY09 Math/Science Education Support*

**Frankie Laanan** (PI, Educational Leadership & Policy Studies), **\$100,000** from **University of the Pacific** – *Student and Organizational Learning: Preparing the 21st Century Technician*

**Janet Melby** (PI, Human Development & Family Studies), **\$45,883** from **University of Wisconsin - Madison** – *Parent-Child Communications and Health-Risk Behavior*

**Scott McLeod** (PI, Educational Leadership & Policy Studies), **\$17,647** from **Waukee Community School District** – *Technology Leadership and Integration Assistance, Waukee Community School District*