



Sponsored funding January 1-31

Diane Rover (PI, Electrical and Computer Engineering), **Mack Shelly** (Statistics), **Steven Mickelson** (Agricultural and Biosystems Engineering), **Monica Bruning** (Engineering Outreach and Recruitment), **Frankie Laanan** (Educational Leadership and Policy Studies), **Robyn Johnson** (Educational Leadership and Policy Studies), \$614,924 from **The National Science Foundation** – *SEEC: STEM Student Enrollment and Engagement Through Connections*.

Grace Marquis (PI, Food Science and Human Nutrition), **Manju Reddy** (Food Science and Human Nutrition), **Helen Jensen** (Economics), **Elisabeth Lonergan** (Animal Science), \$274,964 from the **University of California-Davis** - *Enhancing Child Nutrition Through Animal Source Food Management Project*.

Jay-Lin Jane (PI, Food Science and Human Nutrition), \$98,473 from **Nugenplasm Company** - *Enzyme Digestibility of Starch in Animal Feed*.

K.A.S. Wickrama (PI, Human Development and Family Studies), **Carolyn Cutrona** (Psychology), \$60,507 from **Pennsylvania State University** – *A Study of African American Marriage and Health*.

Gregory Welk (PI, Kinesiology), \$40,372 from **Arizona State University** - *A Wireless, Multimode, Artificial Neural Network-Based Physical Activity Monitor*.

Gregory Welk (PI, Kinesiology), **Michelle Ihmels** (Kinesiology), \$36,450 from **The Cooper Institute** - *Evaluation of Fitness and Academic Data from the Texas Youth Fitness Project*.

Lorraine Lanningham-Foster (PI, Food Science and Human Nutrition), \$8,245 from **Mayo Clinic**- *Targeting the Worksite for Obese Nurses and Their Children: A Feasibility Study*.

Murlidhar Dharmadhikari (PI, Food Science and Human Nutrition), **Gerald Miller** (Agronomy), \$3,000 from the **Iowa Department of Agriculture and Land Stewardship** – *Wine Sampling for Sensory Evaluation*.

Jay-Lin Jane (PI, Food Science and Human Nutrition), \$3,000 from the **Iowa State University Research Foundation** – *Preparation of Samples of Resistant Starch*.

February 1-28

John Verkade (PI, Chemistry), **Sara Kadolph** (Apparel, Educational Studies and Hospitality Management), \$48,971 from the **Iowa State University Research Foundation** - *Evaluation of Impact of a Novel Polyester Fabric Decolorizing Process on Fabric Properties*.

Jacobus Lempers (PI, Human Development and Family Studies), \$27,386 from the **Iowa Department of Human Services** - *Child Support Training BOC-07-021 Sixth Amendment*.

Ruth MacDonald (PI, Food Science and Human Nutrition), **Gregory Welk** (Kinesiology), **Jean Anderson** (Food Science and Human Nutrition), **Sally Barclay** (Food Science and Human Nutrition), \$25,000 from the **Lance Armstrong Foundation** - *Deep-CS: Diet and Exercise Education Program for Cancer Survivors*.



February, cont.

Byron Brehm-Stecher (PI, Food Science and Human Nutrition), **Lynne Mumm** (Institute for Physical Research and Technology), \$18,350 from **Van Beek Natural Science, LLC** - *Antimicrobial Activity of Essential Oils Part II: Formulation Testing, Blend Optimization, Expanded Pathogen Testing, Activity Enhancement and Alternative Delivery Strategies (Year 2)*.

Mari Kemis (PI, Research Institute for Studies in Education), \$15,000 from the **Fort Dodge Community School District** - *Evaluation of the BLAST! After School Program at Butler Elementary in Fort Dodge, Iowa*.

Dong Ahn (PI, Animal Science), **Aubrey Mendonca** (Food Science and Human Nutrition), **Eun Lee** (Animal Science), \$14,035 from the **Iowa Egg Council** - *Production of Ovotransferrin from Egg White for Antimicrobial Application*.

Robin Galloway (PI, Research Institute for Studies in Education), **Mari Kemis** (Research Institute for Studies in Education), \$7,474 from the **Institute for Character Development** - *Program Evaluation of the Iowa Character Counts Initiative*.

Grace Marquis (PI, Food Science and Human Nutrition), \$7,000 from the **University of California-Davis** - *Parental Feeding Style and Dietary Intake in Ghanaian Children 2 to 5 Years of Age*.

Joanne Olsen (PI, Curriculum and Instruction), \$5,616 from the **University of Northern Iowa** - *Furthering Seamless Transitions Into and Through Science Teacher Education*.

March 1-31

Kan Wang (PI, Agronomy), **Jay-Lin Jane** (Food Science and Human Nutrition), \$1,206,815 from **Nugenplasm Company** - *Transgenic Maize Seeds with Enhanced Starch Property for Bio-Processing*.

Jeanne Warning (PI, Extension to Families), **Cynthia Fletcher** (Human Development and Family Studies), **Ruth Freeman** (Extension to Families), \$211,000 from the **Northwest Area Foundation** - *Horizons Community Implementation Project Phase III*.

Michael Spurlock (PI, Food Science and Human Nutrition), \$168,890 from **Nugenplasm Company** - *Identification of Cellular Mechanisms Underlying the Improvements in Growth Rate and Feed Efficiency Achieved by Feeding Morinda Citrifolia*.

Ersan Ustandag (PI, Materials Science and Engineering), **Lawrence Genalo** (Materials Science and Engineering), **Denise Schmidt** (Curriculum and Instruction), \$112,486 from the **California Institute of Technology** - *IMR-MIP DANSE*.

Gregory Welk (PI, Kinesiology), **Michelle Ihmels** (Kinesiology), \$92,955 from **The Cooper Institute** - *Evaluation of Fitnessgram Centers of Excellence Project*.

Ruth MacDonald (PI, Food Science and Human Nutrition), \$90,000 from the **Midwest Dairy Association** - *Midwest Dairy Association Research Program*.

Kevin Schalinske (PI, Food Science and Human Nutrition), \$64,229 from the **National Institutes of Health** - *The Etiology of Birth Defects: Implications for GNMT Activation*.

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March, cont.

Lorraine Lanningham-Foster (PI, Food Science and Human Nutrition), \$53,428 from the **National Institutes of Health, National Institute of Child Health and Human Development - Physical Activity Monitoring in Prepubescent Children.**

Robin Galloway (PI, Research Institute for Studies in Education), \$48,982 from the **Iowa Department of Education - Project LINC'S Evaluation.**

Gregory Welk (PI, Kinesiology), **Christopher Seeger** (Landscape Architecture), \$47,081 from the **Story County Department of Public Health - Regional Dissemination of School and Community Programming Through the Iowa State University Campus Community Partnership for Health.**

K.A.S. Wickrama (PI, Human Development and Family Studies), \$41,479 from **Florida State University - Taking the Lead in Community Wellness: Improving Dietary Behaviors of Mid-Life and Older African Americans.**

Mary Anderson (PI, Research Institute for Studies in Education), **Mari Kemis** (Research Institute for Studies in Education), \$35,000 from **Kirkwood Community College - Evaluation of Agrowknowledge Resource Center for Agriscience and Technology Education.**

Connie Hargrave (PI, Curriculum and Instruction), **Malika Jeffries-El** (Chemistry), \$25,000 from **The Camille and Henry Dreyfus Foundation, Inc. - Chemistry Ambassadors.**

Lesia Oesterreich (PI, Human Development and Family Studies), **Sharon Mays** (Extension to Families) \$15,527 from the **Iowa Department of Human Services - Iowa QRS Environmental Rating Scale Training.**

Patricia Swanson (PI, Human Development and Family Studies), \$15,000 from the **University of Nebraska-Lincoln - Financial Security for All, Community of Practice.**

Gregory Welk (PI, Kinesiology), \$12,000 from the **Polk County Public Health Department - Evaluation of Switch Campaign.**

Linda Serra Hagedorn (PI, Educational Leadership and Policy Studies), **Mary Anderson** (Research Institute for Studies in Education), \$10,511 from the **University of Northern Iowa - Mapping the Needs of Iowa's Math and Science Teachers.**

April 1-30

Grace Marquis (PI, Food Science and Human Nutrition), \$150,508 from the **University of California-Davis - Enhancing Child Nutrition Through Animal Source Food Management Project: Nutrition Center Supplement.**

Lorraine Lanningham-Foster (PI, Food Science and Human Nutrition), \$51,134 from **National Institutes of Health, National Institute of Child Health and Human Development - Physical Activity Monitoring in Prepubescent Children.**

Mari Kemis (PI, Research Institute for Studies in Education), \$41,000 from **Kirkwood Community College - Evaluation of Community College Summit Initiative Program.**



April, cont.

Christopher Seeger (PI, Landscape Architecture), **Gregory Welk** (Kinesiology), \$36,892 from **The Cooper Institute - Texas Youth FitnessGram Mapping Application**.

Gary Phye (PI, Curriculum and Instruction), \$25,000 from the **Iowa Department of Education - Evaluation of Iowa Learning Technology Commission**.

Jeanne Warning (PI, Extension to Families), **Cynthia Fletcher** (Human Development and Family Studies), **Ruth Freeman** (Extension to Families), \$21,000 from the **Northwest Area Foundation - Rural Family Economic Success Institute**.

Jacobus Lempers (PI, Human Development and Family Studies), \$20,000 from the **Iowa Department of Human Services - Service Training Contract Amendment 3**.

Carla Peterson (PI, Human Development and Family Studies), **Gayle Luze** (Human Development and Family Studies), \$15,000 from **ICF Incorporated, LLC - Early Head Start Research and Evaluation Project**.

Linda Serra Hagedorn (PI, Research Institute for Studies in Education), **Yi Zhang** (Educational Leadership and Policy Studies), \$6,416 from the **University of Southern California - The Use of Agents in Recruiting Chinese Undergraduates**.

Gregory Welk (PI, Kinesiology), \$4,020 from the **Iowa Department of Public Health - Iowans Fit for Life Intervention Study**.

Mary Yearns (PI, Human Development and Family Studies), **Evelyn Beavers** (Extension to Families), \$4,000 from **Auburn University - Iowa Healthy Homes Project**.

Pamela White (PI, Food Science and Human Nutrition), \$2,242 from **Asoyia - Frying Performance of Low-Linolenate and Mid-Oleate Soybean Oils**.

May 1-31

Rand Conger (PI, Psychology), **Frederick Lorenz** (Sociology), **K.A.S. Wickrama** (Human Development and Family Studies), \$358,894 from **National Institutes of Health - Critical Transitions in Rural Families at Risk**.

Steven Garasky (PI, Human Development and Family Studies), **Brenda Lohman** (Human Development and Family Studies), \$135,740 from the **University of Illinois - Food Insecurity, Stress, and Childhood Obesity**.

Carla Peterson (PI, Human Development and Family Studies), \$60,000 from the **University of Northern Iowa - Math and Science Education Partnership-Amendment**.

Ruth MacDonald (PI, Food Science and Human Nutrition), \$50,000 from the **American Cancer Society - A Service Learning Collaboration for Community Cancer Education, Phase II**.

Linda Serra Hagedorn (PI, Research Institute for Studies in Education), \$39,487 from the **University of Northern Iowa - Mapping the Needs of Iowa's Math and Science Teachers**.

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May, cont.

Mack Shelley (PI, Statistics), **Elena Polush** (Research Institute for Studies in Education), **Mari Kemis** (Research Institute for Studies in Education), **Mary Anderson** (Research Institute for Studies in Education), \$29,199 from the **Iowa Department of Elder Affairs - Evaluation of Media Campaign and Long Term Care Services and Support Campaign.**

Megan Murphy (PI, Human Development and Family Studies), \$20,213 from the **Mid-Iowa Family Therapy Clinic, Inc. - Graduate Assistantship with Mid-Iowa Family Therapy Clinic, Inc.**

Rick Sharp (PI, Kinesiology), **Julienne Krennrich** (Institute for Physical Research and Technology Company Assistance), \$18,981 from **Metabolic Technologies, Inc. - Effect of Liquid-Gel Delivery of HMB Through Oral and Sub-Lingual Administration on Plasma Levels of HMB.**

Corey Drake (PI, Curriculum and Instruction), \$15,289 from **Michigan State University - Ecologies of Engagement: An Investigation into Teacher Learning About Teacher-Parent Engagement in Science and Mathematics Education.**

Anne Foegen (PI, Curriculum and Instruction), \$9,983 from the **University of Minnesota - Research Institute on Progress Monitoring.**

Linda Serra Hagedorn (PI, Research Institute for Studies in Education), **Andrew Ryder** (Educational Leadership and Policy Studies), \$2,000 from the **Council for Study of Community Colleges - Workforce Development During Economic Crisis: Community College Response.**

June 1-30

Anne Foegen (PI, Curriculum and Instruction), \$1,483,333 from the **Department of Education - Professional Development for Algebra Progress Monitoring.**

Diane Birt (PI, Food Science and Human Nutrition), **Eve Wurtele** (Genetics, Development and Cell Biology), **Basil Nikolau** (Biochemistry, Biophysics, and Molecular Biology), **George Kraus** (Chemistry), **Philip Dixon** (Statistics), **Suzanne Hendrich** (Food Science and Human Nutrition), **Marian Kohut** (Kinesiology), **Patricia Murphy** (Food Science and Human Nutrition), **Michael Wannemuehler** (Veterinary Microbiology and Preventive Medicine), \$1,431,593 from the **National Institutes of Health - Center for Research on Botanical Dietary Supplements.**

Jacobus Lempers (PI, Human Development and Family Studies), \$797,645 from the **Iowa Department of Human Services - Child Support Training BOC-07-021.**

Frederick Lorenz (PI, Psychology), **K.A.S. Wickrama** (Human Development and Family Studies), \$480,230 from the **National Institutes of Health - Relationship Development and Health in Young Adults.**

Marian Kohut (PI, Kinesiology), **Michael Wannemuehler** (Veterinary Microbiology and Preventive Medicine), **Janice Buss** (Biochemistry, Biophysics and Molecular Biology), **Kyoung-Jin Yoon** (Veterinary Diagnostic and Production Animal Medicine), **Joan Cunnick** (Animal Science), **Daniel Nettleton** (Statistics), \$436,932 from the **National Institutes of Health - Exercise-Induced Immunomodulation in the Aged: Mechanisms.**



June, cont.

Jacobus Lempers (PI, Human Development and Family Studies), \$292,065 from the **Iowa Department of Human Services** - *Targeted Case Management BCM-008-004*.

Carolyn Cutrona (PI, Psychology), **Daniel Russell** (Human Development and Family Studies), \$166,159 from the **University of Iowa** - *Examination of Genetic and GXE Effects in the Family and Community Health Studies*.

Marcia Rosenbusch (PI, Curriculum and Instruction), \$79,999 from **National Security Agency** - *STARTALK: Mentoring, Leadership, and Chinese in K-12 Chinese Teaching*.

Wendy White (PI, Food Science and Human Nutrition), \$55,338 from **Unilever Research and Development** - *The Dose-Response Effects of the Amount of Fat in Salad Dressing on the Bioavailability of Carotenoids, Phylloquinone, and Tocopherols in Salad Vegetables-Addition of Participants*.

Gregory Welk (PI, Kinesiology), \$54,645 from **Bodymedia, Inc.** - *Energy Expenditure During Walking-Addendum 5*.

Philip Martin (PI, Kinesiology), \$48,400 from **Living Systems, Inc.** - *Enabling Accelerometry Technology for Free-Living Gait Assessment Devices*.

Jacobus Lempers (PI, Human Development and Family Studies), \$43,660 from the **Iowa Department of Human Services** - *Child Support Training BOC-07-021 Data Mining*.

Ruth Litchfield (PI, Food Science and Human Nutrition), \$25,000 from **Polk Country Agricultural Extension District** - *Nutrition Environment Measurement Survey-Vending*.

Megan Murphy (PI, Human Development and Family Studies), \$20,213 from **Mid-Iowa Family Therapy Clinic, Inc.** - *Graduate Assistantship with Mid-Iowa Family Therapy Clinic, Inc.*

Kevin Schalinske (PI, Food Science and Human Nutrition), \$7,136 from the **National Institutes of Health** - *The Etiology of Birth Defects: Implications for GNMT Activation*.

Byron Brehm-Stecher (PI, Food Science and Human Nutrition), \$4,528 from the **University of Minnesota** - *A Review of Pre-Analytical Sample Preparation Methods for Dairy Foods*.