

Funding for 2009-10 Women's Enrichment Fund Mini-Grants and Diversity Grants

Of the fourteen proposals requesting grant funding, 12 competed successfully to receive funding from the Office of the Executive Vice President and Provost. A total of \$18,637 in Women's Enrichment grants and \$25,800 in diversity grants were awarded in 2009.

Funded Proposals

Women's Enrichment Fund Mini-Grants

(funded by the Greater University Fund for Excellence, Office of the President)

- Financial Empowerment for Women: A YWCA Pilot Project
- NEST: A Nurturing Environment for Women in Science and Technology Research
- Peer Mentor Inclusiveness Training Initiative
- Study on How Women in Design Careers Balance Work and Life Choices
- Taking Technology to Market
- Women Impacting ISU Calendar 2010

Diversity Grant Program

(funded by the Office of the Executive Vice President and Provost)

- Building Faculty Community for Excellence in Diversity
- Delta Academy
- Living Out Loud, See What I'm Saying?
- Partnership between the Mathematics Departments of Iowa State University and the University of Puerto Rico, Rio Piedras
- Project D.R.E.A.M.S.
- Proposed new course in Sexualities and the Media

Proposal Summaries

Women's Enrichment Fund Mini-Grants

• Financial Empowerment for Women: A YWCA Pilot Project

To develop a pilot program focusing on financial literacy and incorporate it in two existing YWCA programs, *GIRLS Power* and *Embracing International Spouses*. *Girls Power* is a mentoring program for sixth and seventh grade girls at Ames Middle School and Nevada Middle School who, with the help of ISU female student mentors, plan and participate in activities focused on Community Service, Leadership Development, Career Exploration, Diversity and FUN. *Embracing International Spouses* helps international spouses integrate into the Ames and ISU communities by creating a support network for international families.

PI: Elizabeth Beck and Tanya Zanish-Belcher

Collaborators: YWCA Ames-ISU Advisory Group led by Virginia Blackburn, Tahira Hira, and other community programs such as United Way's "Women with Initiative Project."

• NEST: A Nurturing Environment for Women in Science and Technology Research

To support a year-long pilot program to recruit women undergraduate researchers in mechanical engineering. The program will focus on community development of peers and mentors to support undergraduate researchers and creation of seminar programs to develop skills to support success

as a researcher at three levels. The internet will be used to archive and disseminate information about the program and material created.

PI: LeAnn Faidley, Janelle Miranda, Bethany Juhnke, and Shankar Subramaniam

Collaborators: MEGSO (Mechanical Engineering Graduate Student Organization), PERUSE (Providing Experiences in Research for Undergraduate Students in Engineering), Women in Mechanical Engineering Program, and Engineering Distance Education.

• Peer Mentor Inclusiveness Training Initiative

To design a new training module to teach peer mentors in COE (College of Engineering) and PWSE (Program for Women in Science and Engineering) how to address more effectively the unique needs of women and students of color within their learning communities. How to create an inclusive community and/or information on diversity/gender issues will be included. The module will be available for use in subsequent years by COE, PWSE, and other learning communities.

PI: Lora Leigh Chrystal

Collaborators: Paul Castleberry (College of Engineering) and Jennifer Leptien (Learning Communities)

• Study on How Women in Design Careers Balance Work and Life Choices

To develop and conduct two surveys, one of current design students to identify what they perceive will be the impact of gender and diversity on their careers, and one of design graduates to collect feedback on actual impacts. The survey results will be analyzed to identify specific modifications which could be made to the design curriculum and to guide the organization of roundtable discussions to inform and prepare students for life situations.

PI: Sunghyun Kang and Debra Satterfield

Collaborators: Paul Bruski, Fred Malven, Lori Brunner, Carol Faber, Nora Ladjahasan, Ann Sobiech-Munson, Brytton Bjorngaard, Becky Murphy, Melissa Dilling, and Gina Assmann

• Taking Technology to Market

To develop a seminar series to engage the ISU community in conversation on the rewards and challenges of innovation and starting companies based upon that innovation. During the academic school year the series will consist of 4-8 external and internal speakers in the following fields and order: inventor, patent attorney, licensing manager, entrepreneur/start-up business owner.

PI: Debra Covey and Cynthia Jenks

Collaborators: ISU Research Foundation, ISU Office of Intellectual Property and Technology Transfer, and Judi Eyles (ISU Pappajohn Center for Entrepreneurship).

• Women Impacting ISU Calendar 2010

To continue production and distribution of the *Women Impacting ISU calendar* for 2010 as a tribute to women students, faculty and staff who distinguish themselves at Iowa State through their contributions, leadership, and impact on the experiences of other women at the university. Photographs and a brief biography of 12 women selected through a nomination process will be displayed on a poster-sized wall calendar and distributed to residence halls and offices on campus.

PI: Julie Snyder-Yuly

Collaborators: Carrie Chapman Catt Center for Women and Politics, College of Liberal Arts and Sciences Communications and Marketing, Catt Associates student leadership organization, and selection committee which includes past recipients.

Diversity Grant Program

• Building Faculty Community for Excellence in Diversity

To support a 1½-day regional workshop for 30-40 faculty who are actively working on their campuses to increase the number of under-represented minorities who enter and graduate from PhD programs in STEM fields. Participants will be invited from Iowa AGEP Alliance schools, regional colleges and universities, and minority-serving institutions to exchange knowledge and form collaborations for creating changes on their campuses. The workshop will focus on building community among the faculty by interacting and working together, rather than formal presentations.

PI: J. Adin Mann III

Collaborators: IOWA AGEP, Carver Academy, LEAD, ADVANCE, STEP, and faculty in Mechanical Engineering, Chemistry, Physics, Interdepartmental Genetics, Statistics, Mathematics, Psychology, and STEM disciplines.

• Delta Academy

To further a partnership between Delta Academy and ISU in a year of mentoring for African American girls ages 11-14 to promote academics, self-esteem, leadership skills, public service, and college preparation. The girls will be mentored one on one by student role models from the Program for Women in Science and Engineering (PWSE) and by female mentors of color from the colleges of Human Sciences and Agriculture and Life Sciences. Activities will include personal mentoring sessions, creating a science project, participating in a book club, visiting campus to explore careers, and a weekend retreat focused on leadership and self-esteem.

PI: Onikia Esters, Carol Heaverlo, Yanira Pacheco-Ortiz, Lori Patton, and Rashawnda Coleman

Collaborators: Delta Sigma Theta Sorority, Inc., Program for Women in Science and Engineering, College of Human Sciences, and College of Agriculture and Life Sciences.

• Living Out Loud, See What I'm Saying?

To develop a course and a web-based resource for faculty that focuses on the study of direct speech used by women in both literary characters and in public speeches. The course goal is to be able to use direct speech (“voice”) as a teaching tool to highlight the different strategies and styles that are used by women in conversation, in narration, storytelling and public speech, and to understand sources of empowerment through strategic use of language. After testing in a 300-level honors seminar, the direct speech resources will be incorporated into classes taught in English, Speech Communication and Women’s Studies and entered in an accessible database.

PI: Christiana Langenberg and Margaret LaWare

Collaborators: Department of English, Speech Program, and Women’s Studies.

• Partnership between the Mathematics Departments of Iowa State University and the University of Puerto Rico, Rio Piedras

To support exchange visits to finalize the partnership between the Mathematics Departments of ISU and the University of Puerto Rico, Rio Piedras and to support faculty research exchanges during the first 15 months of the collaboration. The partnership goal is to enhance graduate and undergraduate education at both universities, and the primary ISU goal is to diversify the graduate program.

PI: Leslie Hogben

Collaborators: Department of Mathematics, AGEP, and Graduate College.

• Project D.R.E.A.M.S.

To inspire students of multicultural backgrounds attending Perry High School and Ames High School to pursue higher education through the mentorship and programming of Project D.R.E.A.M.S. (Developing Responsible Educated and Aware Multicultural Scholars). A student-

run and university-sponsored program, Project D.R.E.A.M.S. works to build community responsibility in both high school and college students while focusing on the process a high school student follows to enroll in a college and prepare for the college experience.

PI: Hassan Hassan and Megan Savaia

Collaborators: Offices of Vice President of Student Affairs, Executive Vice President and Provost, Dean of Students, Admissions, Multicultural Student Affairs, Risk Management, and ISU Alumni Association; Colleges of Agriculture and Life Sciences, Business, Design, Engineering, Human Sciences, and Liberal Arts and Sciences; Volunteer Center of Story County, Perry Community, Sigma Lambda Beta, Sigma Lambda Gamma, Perry High School, Ames High School, and Ames Tribune.

• **Proposed new course in Sexualities and the Media**

To provide summer support money to develop a new course entitled “Sexualities and the Media” and related teaching modules. The course will be cross listed with Women’s Studies and be part of a proposed Sexualities and Gender minor/certificate program. It will be open to all upper-division students and will be proposed to fill the university’s U.S. Diversity requirement. The course will include topics such as the history of media coverage of gay, lesbian, bisexual, transgender, and intersex (GLBTI) issues and coverage of important contemporary issues in the news. All areas of media will be covered including News, Advertising/Marketing and Entertainment.

PI: Joel Geske

Collaborators: Women’s Studies Curriculum Committee

4-27-09