



Marie-Elena Reyes, Taos, NM

Marie-Elena Reyes is the President and Founder of the Frida Kahlo Institute for Women at the Borderlands (FKI) a non-profit dedicated to research, programs, and advocacy for the education of Latinas, African-American, and American Indian girls and women of the Borderlands. Reyes' has developed outreach and research programs to increase the participation of girls and women from underrepresented groups in science, technology, engineering, and math careers while researching methods for infusing science education with gender and multicultural perspectives. She has worked on outreach projects throughout the K-12 span and beyond, focusing on the intersection of gender and race/ethnicity, such as, computer clubs, after-school programs, and summer camps for middle-school girls of color, a recruitment and retention program for women of color in science and engineering fields transferring from community college to the university and gender equity workshops with parents and teachers.

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Selected Publications:

Futurebound: A Model for Increasing Retention of Community College Women Transferring into STEM at the University, Marie-Elena Reyes, Cassandra O'Neill, Proceedings of the 2006 WEPAN Conference, Copyright 2006, WEPAN-Women in Engineering Programs and Advocates Network

Giving Back: Engaging Young Women Engineers in Community-based Design, Meredith Aronson, Marie Reyes, and Jeff Goldberg

Informal Engineering Education: Linking Community and University, Marie-Elena Reyes, Supapan Seraphin, Mary Poulton, Marta Civil, Katrina Mangin, Sindie Kennedy. Manuscript in progress.

Mentoring And Community Service For Recruitment And Retention Of Women In Science And Engineering At The University Of Arizona, Marie-Elena Reyes, Kathy Powell, Meredith Aronson, and Jeff Goldberg, Proceedings of the WEPAN 2003 Conference June 8 - 11, 2003 Chicago, Illinois.

Meeting the Challenges of Cross-Institution Initiatives: An Inside View of a Successful Multi-Institution Collaboration, Barbara Bogue, Brenda Hart, Marie Elena Reyes, Barbara Ruel

Proceedings of the 2005 WEPAN/NAMEPA Joint Conference, Copyright 2005, WEPAN/NAMEPA.

Workshop Topics:

Workshops and presentations are tailored to the needs of each client with a focus on the intersections of race/ethnicity and gender.

Topics include:

- Gender equity in STEM education,
- Mentoring models and communities – bringing together K12 girls, with STEM, undergraduates, graduates and professionals,
- STEM service projects for engaging youth and community,
- Informal STEM education: hands-on summer camps for engaging girls in science, and engineering.
- After School computer clubs for engaging girls in STEM
- STEM activity fair bringing together college STEM women majors and middle school girls
- Engaging undergraduate women engineers in community-based design projects
- Increasing retention of community college women transferring into STEM at the university
- Leadership for Women of Color in STEM
- Leaders as Change Agents
- Transformational Leadership

Contracts:

Girls Scouts National Council

Tucson, Arizona Elementary Science Teachers
Sahuaro Girl Scout Troop Council
Children's Defense Fund
Alamo Labor Properties

Qualifications:

M.S., Applied Statistics
M.S., Zoology & Physiology
B.S., Zoology & Physiology (Minor: Women's Studies)

Expert, National Academy of Engineering
Gender research, faculty and staff development with respect to best practices in gender equitable engineering education.

Consultant, American Association for the Advancement of Science

Research Scientist, Southwest Institute for Research on Women
Developed outreach programs and research on the Women in Science and Engineering Program (WISE) at the University of Arizona to increase the participation of girls and women from underrepresented groups in science, technology, engineering, and math careers while researching methods for infusing science education with gender and multicultural perspectives.

President and Founder,
Frida Kahlo Institute for Women of the Borderlands (FKI)

A non-profit dedicated to research, programs, and advocacy for the education of Latinas and American Indian girls and women of the Borderlands. FKI seeks to improve the status of women of the Borderlands via a multifaceted approach of education, leadership programs, and social action research that will impact legislation and provide greater economic opportunities for women, their families, and their communities.

Member:

Executive Board for the Women in Engineering Programs Advocates Network (WEPAN) Committee for Diversity with Sigma Xi Scientific Honorary Society
Diversity Task Force of Millennium Report Oversight Committee at the University Of Arizona
2003 fellow with the National Hispana Leadership Institute