

Southwest Institute for Research on Women (SIROW)

CALENDAR YEAR REPORT-2016



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I. Introduction:

The University of Arizona - Southwest Institute for Research on Women (UA-SIROW) was founded in 1979 as a regional research and resource institute. SIROW's region includes Arizona, Colorado, Nevada, New Mexico, Texas, Wyoming, Utah and northwestern Mexico. SIROW's mission is to develop, conduct, and disseminate collaborative outreach, education, intervention, and research projects of importance to diverse groups. Researchers at SIROW work collaboratively with several University of Arizona colleges, other institutions of higher education, K-12 schools, Native American tribes, governmental agencies, and community-based organizations. SIROW's projects focus on health and wellness, legal issues, education, employment, women's history, and the arts.

II. Current Profile:

SIROW works in partnership with the Department of Gender and Women's Studies and is housed in the College of Social and Behavioral Sciences. Dr. Sally Stevens has been the Executive Director of SIROW since 2004. In 2016, SIROW's vision, mission, and goals were modified and were reviewed and approved by the SIROW Steering Committee and SIROW Advisory Board. They include:

SIROW's Vision: A society in which the wellbeing of women and families is paramount, resulting in their equity, empowerment, and prosperity.

SIROW's Mission: Develop, conduct, and disseminate collaborative outreach, education, intervention, and research projects of importance to diverse groups.

Goals:

1. Engage in collaborative feminist research on topics pertinent to the lives of girls, women, and families;
2. Develop and conduct outreach, education, service, research, and trainings with regard to mental and physical health, sexuality, legal matters, education, workforce, equity, diversity, and other issues;
3. Address social inequalities and group-based disparities;
4. Examine and support women's contribution to literature, the arts, and Southwest heritage;
5. Advocate for girls, women and families by linking researchers with community organizations and policy makers;
6. Identify, illuminate, and disseminate research on girls, women, families, and gender differences.

SIROW has a dedicated, committed, and diverse group of experienced researchers, scholars, activists, students, and direct service staff who maintain its mission and retain support from the College of Social and Behavioral Sciences. SIROW has a long history of fostering community collaborations and networks across the region and throughout the United States, with an emphasis on interdisciplinary approaches. Opportunities stemming from the implementation of SIROW's mission include: (1) external funding for research grants and contracts particularly given the multi-disciplinary nature of the SIROW agenda; (2) partnerships with business and fundraising opportunities primarily for SIROW's *Women in Science and Engineering* (WISE) program; (3) connections with University students given SIROW's community engagement activities; and (4) additional funding opportunities stemming from SIROW's focus on the US-Mexico border region.

While SIROW is not a teaching unit, faculty and researchers contributed to teaching in many ways, including: presentations/teaching in classrooms, student forums, and symposiums; hiring and supervising

graduate research assistants on state and externally funded projects; serving on master's thesis and doctoral student committees; and providing independent study/internships and volunteer experience for students. SIROW's effort to engage students in participatory learning aligns with UA student engagement focus. SIROW staff also conduct trainings, workshops, and webinars that engage a wider audience – some of whom are students.

With regard to research, scholarship and creative expression, SIROW has a wide array of projects and programs; most funded through external grants and contract – close to 3 million dollars in 2016. Diversification in funding entities allows SIROW to respond with flexibility to changes in national, state, and local priorities. SIROW researchers have contributed to the advancement of knowledge in research, scholarship and creative expression, through professional publications, professional and community presentations, workshop/trainings, webinars/podcasts, program-specific manuals, and films and videos.

Outreach is central to SIROW's mission. Many of SIROW's projects include action components in which action-based research and services are delivered in communities located in southern Arizona and more distally - including internationally. SIROW's work focuses on a diverse populations and groups - often involving people who are marginalized, experience disparities, and are underserved; and, to the extent possible, incorporates a non-hierarchical approach. SIROW has two off-campus research sites in Tucson that allow for easy accessibility for community members and research and/or program participants.

III. Accomplishments:

Goals, Progress, and Unanticipated Developments

In 2009, SIROW researchers developed a Strategic Plan for 2009-2014 based from the previous Five Year Strategic Plan. The SIROW Steering Committee and the SIROW Advisory Board approved the Strategic Plan in the fall of 2009. The Strategic Plan was amended in fall of 2011 and approved in spring of 2012. The major changes involved Goal 3: Increase Leadership and Professional Development Projects and Activities, and Goal 4: Develop a SIROW Community Center for Women and Children. In the fall of 2014, the SIROW Steering Committee and SIROW Advisory Board approved an extension of the Strategic Plan through 2016. SIROW's current Strategic Plan is:

Goal 1: Develop New Participatory Action Research and Other Projects Locally and Within the SIROW Region

Objectives:

1. Broaden SIROW's funding base for local participatory action research and other projects through grant writing efforts – with particular focus on National Institutes of Health, National Science Foundation, private foundations, and agencies from which SIROW has not yet received funding:
 - Secure three new funding sources (e.g. individuals, foundations, governmental entities).
 - Develop three new local (Pima County) participatory action research, outreach, and educational projects per year in collaboration with local agencies, educational entities, governmental organizations, and Indian tribes.
2. Expand participatory action research and other projects within the SIROW region:
 - Develop new project collaboration with agencies, institutions, and/or educational entities located in Cochise and/or Santa Cruz counties.
 - Develop one new project in Phoenix, Arizona that builds on previous projects located in the Phoenix area.

- Develop two new projects collaborating with SIROW regional partners in the U.S. (located in Arizona, New Mexico, Texas, Colorado, Wyoming, Nevada, and Utah).
- Develop and secure funding for two new international projects – with SIROW regional partners in Mexico or collaborators located in Central America or elsewhere.

SIROW has exceeded this goal with the development of several new participatory action research and other projects including an expansion of funding sources. Newly funded projects in 2016 include:

1. Examination of the Effectiveness of The Seven Challenges for Adults – Alabama (March 2016),
2. Examination of the Effectiveness of The Seven Challenges for Adults – Idaho (March 2016),
3. Women in the Arizona Department of Transportation Workforce (April 2016),
4. The Bio/Diversity Project: Fostering Interest and Diversity in Environmental Science through the Lens of Biodiversity (July 2016),
5. The STEM Pipeline Mentorship Program (July 2016),
6. Let's Talk about Math Project Evaluation (August 2016),
7. Innovations in Social Science Learning: The Poverty in Tucson Field Workshop (September 2016),
8. Community School Garden Program Evaluation (September 2016),
9. Bridges to Wellness (September 2016),
10. Mujer Saludable on the U.S.-Mexico Border: A Promotora-led Adaptation and Expansion of a Sexual Health Education Curriculum to Address Reproductive Health Needs in Nogales, Sonora MX (September 2016),
11. Multi-site Examination of the Effectiveness of The Seven Challenges for Adolescents (November 2016),
12. Health and Social Well-being in Chronically Homeless Women: Tucson and Southern Arizona's Current Risks and Future Opportunities/Establish Your Identity (November 2016 and December 2016).

New partnerships, partnerships that have been re-established, and/or partnerships inclusive of new departments/people were established in 2016. Examples include: University of Alabama at Birmingham - School of Medicine's Beacon Addiction Treatment Center; D7 Treatment Center in Idaho; the Arizona Department of Transportation (ADOT) including ADOT's Technical Advisory Board; Arizona-Sonora Desert Museum; Friends of Saguaro National Park; UA-College of Education; Sunnyside Unified School District; UA-School of Sociology; UA-School of Geography and Development; Intermountain Centers for Human Development; Pima County Community Prevention; El Colegio de la Frontera Norte; and Sister Jose' Women's Center.

New collaborations with K-12 schools has been extensive through the *WISE* program and *Project Change*.

Goal 2: Increase Advocacy Efforts to Promote Equity and Advancement for Women and Children

Objectives:

1. Initiate, assemble, and convene a Recovery Oriented Systems of Care Consortium (ROSCC) for at-risk youth and adolescents in substance abuse recovery.
 - Identify stakeholders from diverse systems of care (e.g. adolescent medicine, education, treatment, criminal justice, policy) and engage them in ROSCC with the purpose to advocate for appropriate, effective, and continuing care services.
 - Create an opportunity to engage in dialogue, share knowledge and resources, and document key strategies for improving the system of care.
 - Develop a policy brief and distribute to political and funding officials and other stakeholders on effective systems of care for at-risk youth and adolescents in recovery.

- Evaluate the effectiveness of ROSCC.
2. Initiate advocacy efforts for women whose life circumstances place them at a disadvantage for equity and advancement.
- Identify and develop strategies for advocating for changes in health services for women to promote women's health and wellbeing.
 - Identify and develop strategies for advocating for changes in women's legal rights with a focus on reducing the punitive treatment of women held in U.S. immigration detention facilities.
 - Identify and develop strategies for advocating for equity and advancement for women in education and employment.

In 2016, SIROW addressed this goal by continuing to facilitate discussions with SIROW's Advisory Board and multiple groups located locally, statewide, nationally, and internationally. SIROW researchers conducted six webinars that focused on pregnant and post-partum women and youth through SIROW's *Pregnant/Postpartum Women and Youth Projects National Data Project*. Numerous research briefs were completed regarding effective systems approaches for working with juvenile justice-involved youth through SIROW's *National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures Project*. Ongoing efforts with regard to legal rights of women and specifically women in immigration detention facilities were facilitated through the *Research and Services for Domestic Violence-based Asylum-Seekers* and other projects in collaboration with the College of Law. Moreover, work with *El Colegio de la Frontera Norte*; the *Southern Arizona Anti-Trafficking Unified Response Network (SAATUIRN)*; and Sister Jose's Women's Center directly address this goal. Finally, SIROW's work on advancement of women in education and employment continues through SIROW's *WISE* program, the *iSTEM* program, and other projects and advocacy efforts.

Goal 3: Increase Leadership and Professional Development Projects and Activities

Objective:

1. Increase opportunities for students to work with SIROW projects.
- Obtain funding for undergraduate and graduate student scholarships and graduate research assistants through gifts and/or grant funding.
 - Sponsor and provide student internships, independent study opportunities, preceptorships and thesis/dissertation support through SIROW's on and off campus programs.
 - Engage with faculty, staff, and students in key UA departments to foster student engagement in SIROW's outreach, education, advocacy, and research agenda.

In 2016, SIROW met this goal through funding graduate students and staff positions for graduate students. To a lesser degree, undergraduate students were financially supported through several opportunities provided at each of the SIROW sites for community and research engagement. In particular, the *WISE* program offered internships during both spring and fall semesters – assisting in the development of students' leadership skills while providing a sense of community for the students. SIROW's collaboration with the UA's Honor College continues with their students engaged in SIROW projects. Graduate research and staff positions for graduate students through external funding for Spring 2016 was equal to 4.75 full time positions; while Fall 2016 was equal to 5.75 full time staff positions. Several undergraduate work-study students were also employed at SIROW during both Spring and Fall semesters. In addition, each year SIROW offers a graduate student award for the best master's thesis on the topic of women in the Southwest. Work with faculty continues across campus (e.g. School of Sociology; School of Geography and Regional Development, College of Education, College of Agriculture and Life Sciences, and others). Impressively, during 2016-2017 academic year, SIROW

documented 41 community agency collaborators, 11 other community collaborators (outside of Arizona), 16 UA department/college partners, and 7 other university partners.

Goal 4: Develop a SIROW Community Center for Women and Children

Objective:

1. Increase the number of women and children participating in activities at SIROW's *Mujer Sana* Women's research and service site.
 - Apply for grant funding to secure additional projects and programs at SIROW's *Mujer Sana* community site for women.
 - Increase activities (e.g., workshops, fieldtrips) for women and their children at *Mujer Sana* to empower women and improve the lives of women and their children.
 - Incorporate a "Kids Club" for the children of participating women at the *Mujer Sana*.

During the first eight months of 2014, *Mujer Sana* incorporated many activities for women in the community including activities taking place at the site led by staff, graduate students, and collaborators. However, as community needs and SIROW funding changed, a decision was made to close *Mujer Sana* and conduct these activities at collaborating agency sites. Given that Wingspan, a community agency serving lesbian, gay, bisexual, transgender, queer, and straight allied (LGBTQSA) youth and young adults closed, SIROW opened the *Accessible Network for Coordinated Housing, Opportunities and Resilience (ANCHOR)* site to serve this population beginning in January 2015. Many of the resources and supplies at the *Mujer Sana* site were transferred to the new *ANCHOR* site.

Goal 5: Engage Allies and Increase SIROW's Visibility on the UA Campus as well as Locally, Regionally, and Nationally

Objectives:

1. Promote and disseminate SIROW's innovative projects and products.
 - Seek out media coverage highlighting SIROW's innovative work and success.
 - Increase SIROW Steering Committee members' participation on other community boards and committees.
 - Sponsor and/or collaborate on a minimum of (1) one local conference, (2) five regional meetings, and (3) one national/international conference.
 - Develop new audiences and user groups for SIROW expertise and model programs.
2. Reorganize SIROW's Community and University Boards into one board - the SIROW Advisory Board.
 - Create a new SIROW Advisory Board vision statement, mission and goals, organizational chart, and subcommittees.
 - Review/revise membership make-up of the Board and set terms for service.
3. Consolidate the *WISE* Advisory Board and the *WISE* Community Council into one board – the *WISE* Advisory Board.
 - Create a new *WISE* Advisory Board vision statement, mission and goals, organizational chart, and subcommittees.
 - Review membership of the Board and set terms for service.

At the regional and national levels, SIROW's visibility and recognition was substantial particularly given the work and products associated with SIROW's *Pregnant/Postpartum Women and Youth Projects*

National Data Project and the *National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures Project*. These include, for example, presentations at national conferences, national webinars, email news blasts, journal articles, and technical reports. SIROW sponsored the Regional Gender and Women's Studies Summit Meeting in Las Vegas, Nevada, in January 2016 as well as The International Women's Group Conference in Palm Spring California in June 2016. Research staff served on a number of panels and provided consulting not only in the local community, but regionally, nationally, and internationally as well. During 2016, SIROW personnel updated the website by uploading reports and other materials for public dissemination and published three newsletters: SIROW Community News (x1), and SIROW Regional News (x2). SIROW projects and research staff were featured in several print and other news media such as Arizona Daily Star ("county shows dip in city's homeless population"; "new UA institute studies 'transportation ecosystem'"); UA News ("UA establishes transportation research institute"); and College of SBS ("SIROW completes national evaluation of justice reform framework"), and radio show KXCI ("juvenile justice in the United States").

SIROW supported on and off-campus events during 2016. Examples include co-sponsorship of the Trans*Studies: An International Conference on Gender Embodiment, and Sexuality; Institute for LGBT Studies Fall symposium with *Luz Calvo; Lunafest; Jan Monk Speaker Event (Irreconcilable difference? A feminist postcolonial reading of development and human rights in Latin America). In addition to ongoing events, selected on-campus events included: Sex Talk Fair; Schoolyard Biodiversity Inventories Program Training for UA Students and Local Educators; Resplendor International Fiesta; Peace Corps Fair; Spring Break Safety Fair; and the Environmental Science and Social Justice Science Academy. Examples of community events included: City High Health and Wellness Day; and Take Back the Night (x2).

SIROW faculty and staff received numerous awards in 2016. For example, Jill Williams received the Agnese Nelms Haury Award; Sally Stevens received the Mary Bernard Aguirre Professorship Award, Corrie Brinley received the College of SBS Staff Excellence Award. In 2016, Corey Brinley, Jo Korchmaros, Sally Stevens, Jill Williams, and Courtney Waters received SIROW or WOSAC travel awards. SIROW's film, *Not Your Usual Bedtime Story* received Lunafest's Best Short Film by Women and about Women.

III-A: Diverse Academic Community at the Forefront of Discovery

SIROW continues to employ a diverse workforce including several classifications of personnel (faculty, academic professionals, classified staff, and students). A snapshot taken on October 1, 2016 of the SIROW personnel totaled 26 full and part-time employees (not including student interns, volunteers, consultants, or subcontracting agency staff). Of those, 96% were women and 23% from minority backgrounds. Furthermore, SIROW's personnel varied in age, sexual orientation representation, and in other diversity indicators. This diversity contributes to the overall enhancement of SIROW, and its capacity to achieve its mission and goals. Overall retention was excellent.

All SIROW projects pay strong attention to multicultural issues. This practice has been part of SIROW programs since inception. SIROW has two community-based research sites in Tucson: (1) SIROW Central (near Tucson Ave and Broadway), and (2) ANCHOR (near Treat Ave and Broadway). On-campus projects such as *WISE* focus on female students from ethnic minority backgrounds; *Project Change* focus on K-12 gender and ethnic equity and K-12 non-traditional careers, and the *iSTEM* project focus on Native American and Hispanic youth. Most of the off-campus projects involve diverse populations as well, including the *Volunteer Telephone Continuing Care for Adolescent Substance Use (VTTC)* project that serves a high percentage of youth from ethnic/race minority backgrounds, and the *ANCHOR* project that serves LGBTQSA young adults.

III-B: Increase Student Engagement, Achievement, Retention, and Graduation Rate

Although SIROW is not a teaching unit, SIROW personnel contributed to this goal by presenting in classrooms, student forums, and symposiums; hiring and supervising graduate research assistants on state and externally funded projects; serving on student master's thesis and doctoral committees; and providing internships and volunteer experience for students. In addition, many of the funded research and service grants are focused on enhancing education for underserved groups at the University, as well as within community colleges, K-12 public, charter, and alternative schools. SIROW is also the sponsor of "The Best Master's Thesis on Women in the Southwest Award," a \$350.00 award for an exemplary master's thesis about women and/or women's issues in the Southwest U.S. and Northwest Mexico border region. SIROW also supports many student-related events through funding, working events, access to office and personnel resources, and other related event assistance.

III-C: Extend the Concept of a Land-Grant University to Position the UA as a Model for Linking Scholarship and Creative Community Needs

SIROW projects build a foundation upon which the University can advance its expanded land-grant vision. SIROW develops and conducts interdisciplinary and inter-institutional research that focuses on the needs and concerns of girls, women, and families in the southwestern U.S. and U.S.-Mexico border region. Collaborations are in place with several UA colleges, departments within the College of Social and Behavioral Sciences, and other UA departments, centers and institutes. As noted above SIROW collaborates with community based agencies, health departments, tribal governments, criminal justice institutions, institutions of higher education, school districts, and numerous K-12 schools and other entities.

Areas of research interest include gender, health, family, sexuality, education, employment, justice, immigration, public policy, cultural diversity, history, and other issues that impact diverse groups within the U.S.-Mexico border area and beyond. Multidisciplinary theoretical perspectives with the utilization of both qualitative and quantitative methods drive research activities. Importantly, selected research methods employed are typically driven by approaches congruent with women's and under-represented groups' lives such as feminist methods, participatory action research, decolonizing approaches, and social ecology.

SIROW collaborates with community agencies and participates in numerous community events as a way to link the University to the greater Tucson community by understanding its needs (e.g. homeless street count; anti-human trafficking community forums). Participation in local events keeps SIROW well connected to the wider community.

SIROW 2016 Externally Funded Projects:

1. Project CHANGE (Careers, Harassment, and Gender Nontraditional Education) Arizona Department of Education (ADE) - Non-traditional Recruitment and Retention for Secondary Schools

Funded by ADE, October 2007 – September 2017; \$60,000 annually.

SIROW offers *Project CHANGE* to Arizona secondary schools in partnership with the ADE. The program provides gender equity and nontraditional (NT) career education workshops, training and classes statewide to both secondary school educators and students. Services include: (1) providing Career and

Technical Education (CTE) professional development opportunities and resources to secondary school educators in Arizona; (2) coordinating nontraditional events with other partners that provide opportunities for students to participate in nontraditional academic, technological and vocational experiences; and (3) providing information and workshops to schools and students that will increase enrollment in CTE courses that lead to nontraditional careers.

The pedagogical techniques employed include: (1) administration of in-person NT CTE recruitment and retention workshops and seminars, and (2) administration of two online Distance-Learning courses that are entitled “ADE NT 101” and “ADE NT 102.” SIROW assists middle and high school teachers, counselors and CTE directors in increasing enrollment in NT CTE classes throughout the state. In conjunction with ADE requirements, SIROW serves as the statewide coordinator of information on both gender equity and NT CTE employment and training opportunities.

2. Tucson Immigrant Workers’ Project

Funded by the Vital Projects Fund; April 2007 – July 2017; \$60,000 annually.

The *Tucson Immigrant Workers’ Project* is a joint project of SIROW and the Bacon Immigration Law & Policy Program at the James E. Rogers College of Law. It provides low-wage immigrant workers with legal information, advice, and counseling about their employment rights. It also offers outreach, education, and advocacy in order to improve the working conditions in occupations in which low wage immigrant workers, particularly women, predominate. The Project has three major components: (1) *Legal advice clinic*: low-wage immigrant workers can receive confidential legal advice and counseling about their workplace rights. Students from the UA Law School staff the clinic, under the supervision of the Bacon Fellow and Director. Staff are trained to respond to questions about employment matters including wage and hour violations, race and sex discrimination, sexual harassment, disability and unemployment benefits, and workers’ compensation. In some cases, staff provide workers with follow up advocacy and representation, in other cases, they offer referrals to a network of attorneys and organizations interested in providing pro bono or reduced fee representation; (2) *Outreach, trainings, and education*: law students and the Bacon Fellow offer “know your rights” presentations to groups of immigrant workers in the Tucson community introducing them to basic employment law concepts; (3) *Research, Documentation, and Public Advocacy*: before discussing an individual’s specific employment question at the clinic, staff guide them through an intake form with questions about the conditions of their employment.

3. Legal Services for Immigrant Women

Funded by the University of Arizona - James E. Rogers College of Law; August 2013 and ongoing (faculty attorney funding).

This project provides legal representation to immigrant women in removal proceedings in Eloy and Tucson, Arizona. It focuses particularly on women immigrant detainees in Eloy Detention Center. The clinic works in partnership with the Florence Immigrant and Refugee Rights Project, Southern Arizona Legal Aid, the Asylum Program of Arizona, and other organizations serving the immigrant community, to identify immigrants who could particularly benefit from the clinic's representation. Law students work in pairs, under attorney supervision, to represent clients in all aspects of their immigration case. Our clients have included asylum seekers, victims of domestic violence, and long-time permanent residents seeking humanitarian waivers of removal. Immigrants from countries including Afghanistan, Mexico, Ethiopia, Vietnam, and Nepal have been represented.

4. Immigrant Mothers with Citizen Children: Rethinking Family Welfare Policies in a Transnational Era

Funded by the UA-Arts Humanities and Social Science Grants Program; July 1 2010 - June 30 2011; \$25,838 (ongoing with student interns).

Work continues on this pilot project explores the barriers facing immigrant mothers in Southern Arizona who seek public benefits for their citizen children. This is the first of such a study in Arizona, and is urgently needed since one third of Arizona's children have immigrant parents, even while Arizona has been expanding its laws to bar immigrants from public benefits. The Immigrant Mothers with Citizen Children Pilot Research Project includes structured qualitative and quantitative interviews with 20 immigrant mothers. The data will allow us to analyze (1) the impact of current laws on citizen children's access to public benefits, (2) cultural barriers to utilizing benefits, and (3) how social welfare policies might become re-crafted to treat transnationalism (reflected by families with citizen children and immigrant parents) as an opportunity on which to build stronger communities, regions, and futures. Project data will also allow us to seek external funding for a larger action and research project to assist this population.

5. Domestic Violence Victim Safety Program

Funded by the Office on Violence against Women, through the Pima County Attorney's Office. SIROW subcontracts: December 2007 – December 2012 \$25,000 annually; 2013 = \$8,000; and October 2014 – September 2017 = \$25,431.

This project is in collaboration with numerous Pima County agencies that intersect with domestic violence cases. SIROW leads the evaluation component of the project. The Center for Domestic Abuse will implement a centralized, well-trained vertical prosecution unit for domestic violence to manage both misdemeanor and felony cases (consisting of five attorneys, five legal support staff, two detectives and two victim witness advocates). They work in teams to collaboratively handle all domestic violence cases from arrest through post-sentencing supervision. SIROW works with collaborating agency EMERGE! Center Against Domestic Abuse, whose role is to provide training on domestic violence issues. SIROW's role in this project is to facilitate the groundwork (including multi-disciplinary team meetings) for a countywide safety audit that addresses the victim safety from the 911 call to parole hearings. Through this project, a Lethality Board formed to review domestic violence cases that have resulted in the death of the victim.

6. Innovative Hybrid Program for Diversifying and Building Capacity in the STEM and ICT Workforce (i-STEM)

Funded by the National Science Foundation (NSF); February 15, 2012 – July 31, 2017; \$1,251,549.

The *iSTEM project* is an NSF "strategies project" aimed to broaden and diversify the Science, Technology, Engineering, and Mathematics and Information (STEM) and Computer Technology (ICT) workforce by increasing participation of underrepresented groups in STEM/ICT education and workforce. The *iSTEM project* is developing, implementing and evaluating a culturally-driven hybrid program that combines in-school mentoring with out-of-school informal science education experiences. Approximately 60 Native American and Hispanic mentees in grades 3-8th will be paired with mentors. Mentors will include STEM professionals (n=15), Pascua Yaqui community and tribal members (n=30), and UA College of Science and College of Engineering undergraduate students (n=15). Mentor/mentees will meet twice monthly (individually or in small groups) and engage in a minimum of five out-of-school informal science experiences during each year of the program. Program activities will be guided by a culturally-

relevant theoretical framework, Funds of Knowledge and program activities will be based on the four Grand Challenges for Engineering themes: (1) Energy and Environment, (2) Health, (3) Security, and (4) Learning and Computation. The project will contribute to building a strong STEM/ICT education and workforce infrastructure, and ensure sustainability through training of mentors and teachers; providing STEM/ICT resources for students, school personnel and family members; and the development of products (program manual, in-person and on-line training curricula, STEM resource manual, STEM career guide). The *iSTEM project* will employ a mixed method evaluation design and include a formative and outcome evaluation. Evaluation findings are disseminated to diverse audiences through web-based technologies such as websites and online learning resources, as well as community presentations, community and tribal newsletters, media outlets, and traditional venues such as reports, professional presentations, and academic journal articles.

7. FY 12 Cohort Juvenile Drug Court/Reclaiming Futures (JDC/RF) Evaluation

Funded by the United States Office of Juvenile Justice and Delinquency Prevention (OJJDP); August 1 2013 - July 31 2016; \$712,707 (\$237,569 annually).

The purpose of the *FY12 Cohort Juvenile Drug Court/Reclaiming Futures Evaluation (JDC/RF)* is to expand a national cross-site evaluation of the JDC/RF initiative currently underway by including three new grantees funded by OJJDP in FY12. SIROW's current evaluation focuses on describing what is involved in the implementation of JDC and RF (e.g., trainings), describing the process of integrating and implementing JDC and RF, and the influence of the implementation of the integrated JDC/RF on the system (e.g., how changes and what changes are made to the juvenile drug court system), evaluating the services provided by the JDC/RF program (e.g., what is provided, who is served, and are the services effective), and evaluating the cost effectiveness of JDC/RF programs. Including the FY12 Cohort of JDC/RF grantees in SIROW's current evaluation will increase the sample of JDC/RF programs being evaluated, thereby strengthening the evaluation and increasing the potential impact of evaluation findings.

8. Arizona Youth in Transition Project/State Youth Treatment

Funded by SAMHSA-Center for Substance Abuse Treatment (CSAT); September 1, 2013 - August 31, 2017; \$950,000 annually to the Arizona Department of Health Services/Department of Behavioral Health Services (ADHS/DBHS), SIROW subcontract from ADHS/DBHS is \$42,750 annually, and subcontract via the Community Partnership of Southern Arizona (CPSA) to SIROW is \$14,936 annually.

Arizona's Youth in Transition project is a collaboration with ADHS/DBHS, SIROW, CPSA, Pima Prevention Partnership, and Compass-SAMHC Behavioral Health Care (also known as Pasadera). The purpose of *Arizona's Youth in Transition* project is to develop Arizona's infrastructure and capacity to provide high quality services for youth who are ages 12-24 and who have substance use disorders or substance abuse and co-occurring mental health disorders. The project includes two components: a direct services component and a capacity building component. In the direct services component, youth in Pima County receive substance abuse treatment and recovery services which utilize the Adolescent Community Reinforcement Approach (A-CRA). Lessons learned from implementation of the project at the two local sites have been used to enhance service delivery in other areas of the state. In the capacity building component, Arizona is offering extensive statewide training for treatment providers in utilization of evidence based practices with adolescents and young adults (18-26 years). In addition, Arizona is enhancing its system of care plans to address the needs of adolescents and transition aged youth with substance use disorders. SIROW provides the state-level evaluation as well as a small component of the local evaluation.

9. Project LAUNCH ~ Ili Uusim Hiapsi Evaluation.

Funded by SAMHSA-Center for Mental Health Services (CMHS); October 1, 2012-September 30, 2017; (Total funding \$4,195,000 (\$839,000 annually) \$835,035 subcontract to SIROW (\$167,007 annually).

The main goal of *Ili Uusim Hiapsi* is to promote the wellness of young Pascua Yaqui children from birth to 8 years by addressing physical, social, emotional, behavioral and cognitive development to create a shared vision for the wellness of young children. Central to that goal is the development of a locally-based tribal network for the coordination of key-child serving systems and the integration of behavioral and physical health services. The expected result is for children to be thriving in safe, supportive environments and entering school ready to meet or exceed developmental milestones. The five main objectives of *Ili Uusim Hiapsi ~ Project LAUNCH* include: (1) increasing access to screening, (2) assessment and referral to services for children and families, (3) expanding use of culturally relevant, evidence-based prevention and wellness promotion practices, (4) increasing integration of behavioral health into primary care, (5) improving coordination and collaboration across disciplines at the local, state, tribal, and federal levels, and increasing workforce knowledge of children's social and emotional development and preparation to deliver high-quality care.

SIROW conducts the evaluation component. The aim of the process evaluation is to determine if resources are shared, used efficiently, and aligned with the strategic plan while still placing value on the cultural and linguistic richness and diversity within communities. Outcome measures include individual child outcomes to determine if children are being assessed for developmental delays more frequently and the assessment of the effectiveness of enhanced community health promotion.

10. Pascua Yaqui System of Care – Sewa Uusim Evaluation

Funded by the SAMHSA-CMHS; October 1, 2012-September 30, 2016; Total funding \$4,000,000 (\$1,000,000 per year) \$796,104 total subcontract to SIROW (\$199,026 annually).

The Pascua Yaqui *Sewa Uusim Project* was originally developed in 2005 with the goal of designing a culturally specific System of Care for Pascua Yaqui youth and their families. Community Coalition and Advisory Board members, as well as other tribal experts, assessed community needs through an 18-month data collection project. Pascua Yaqui youth and parents provided information on their satisfaction with existing levels of services and perceived system needs and gaps. Data collected from this community needs assessment reflected a lack of coordinated services in general but more specifically, coordinated programs for young adolescents. This tribal expansion project, *Sewa Uusim*, expands the service approach of the original *Sewa Uusim System of Care* project by providing a sustainable network of care across all tribal departments and services. The overarching goal is to form a system of care that offers coordinated, unduplicated services through the implementation of a targeted effort to formally link all of the different services for youth. These services are to be both accessible and convenient to tribal members. SIROW conducts the evaluation component. The evaluation measures examine resource availability, accessibility, efficiency, and alignment with *Sewa Uusim Project's* strategic plan. Both the overall project and the evaluation component place value on the cultural and linguistic richness and diversity within this rich community.

11. Effectiveness of Volunteer Telephone Continuing Care (VTCC) for Adolescent Substance Use

Funded by National Institutes for Health (NIH)-National Institute on Alcohol Abuse and Alcoholism (NIAAA) to Chestnut Health Systems. Subcontract to SIROW; 12/15/12 - 12/14/2017; \$417,275 (amount varies by year).

This project examines the effectiveness of delivering Volunteer Telephone Continuing Care (VTCC) services to adolescents transitioning out of residential treatment for alcohol and other drug use. The aims of this study are to: (1) evaluate the main effect of VTCC on changes over time on improving pro-

recovery peers and activities, decreasing alcohol and other drug (AOD) frequency of use, and AOD-related problems during the 12 months post-discharge; (2) evaluate the extent to which changes in pro-recovery peers and activities mediate the effects of VTCC on changes in AOD use and AOD-related problems over 12 months; and (3) evaluate the extent to which treatment readiness at baseline moderates the main effects of VTCC changes in pro-recovery peers and activities, AOD frequency of use, and AOD-related problems at 12 months following treatment entry. If proven effective, the use of volunteers will provide a low-cost way for treatment programs to implement post-treatment support for adolescents and maintain continuing care services over the extended treatment time period recommended by experts in the field.

12. The ANCHOR Project: A Trauma-informed System of Care for Chronically Homeless LGBTQSA Transitional Age Youth and Young Adults

Funded by SAMHSA– Co-occurring Homeless Activities Branch (CHAB); September 30, 2014 – November 29, 2017; \$1,199,149.

The *Accessible Network for Coordinated Housing, Opportunities and Resilience (ANCHOR) Project* is designed to link chronically homeless, transitional age youth and young adults who identify with the identities Lesbian, Gay, Bisexual, Transgender, Questioning and Straight Allies (LGBTQSA) to a trauma-informed system of care that includes linkages to permanent supportive housing and primary health care, case management services, substance abuse and mental health treatment and a wide array of recovery support services. SIROW partner's with CODAC Behavioral Health Services and the Southern Arizona AIDS Foundation to attain the following: (1) provide ongoing outreach to a minimum of 300 individuals annually and screening to a minimum of 100 LGBTQSA homeless young adults each year; (2) develop and implement a coordinated, comprehensive, trauma-informed System of Care for chronically homeless young adults that is sensitive to and focused on the specific needs of those who identify as LGBTQ in Southern Arizona from diverse racial/ethnic backgrounds, with a specific focus on those between the ages of 18 and 26 who are chronically homeless; (3) employ two evidenced-based practices - Seeking Safety (a trauma specific therapy that aims to help participants achieve relief from trauma/PTSD and substance abuse) and Motivational Interviewing facilitated during case management sessions to encourage participants to make positive changes in their lives with regard to substance use, mental health, physical health, stability and self-sufficiency; and (4) offer *ANCHOR* project participants the opportunity to participate in SIROW's Comprehensive Sexual Health and HIV prevention education curriculum, LGBTQ-affirming substance abuse and mental health services, vocational programs, financial education, and personal empowerment programs.

13. Medication Adherence, Health Literacy and Cultural Health Beliefs in a Massachusetts Community Health Clinic

Funded by the NIH National Heart, Lung, and Blood Institute (NHLBI); January 1 2014 – December 20 2017; \$1,481,635. SIROW sub-account: Year 1 = \$17723, Year 2 = \$18305, Year 3 = \$20015, Year 4 = \$84995 (Total = \$141,038).

This study explores how medication adherence, a widespread problem in primary care, is shaped by structural, social and individual factors. Building on previous research, the current study combines qualitative and quantitative methods to examine health literacy and barriers to medication adherence among urban, minority and medically underserved patients. Massachusetts, a leader in health insurance reform, provides a unique research setting for this study as the state has recently expanded the number of people insured under publicly-funded programs while implementing cost-control measures that may negatively affect access to prescription medications, especially for low-income people. Improved understanding of the complex relationships among health literacy, culturally-variable health beliefs, and

structural and socioeconomic factors will better prepare primary health care providers to improve adherence and support patients' chronic disease self-management.

14. Pima County Point in Time Street Count Methodology Project

Funded by Community Partnership of Southern Arizona (CPSA); December 15, 2014 - April 30, 2015 (\$5,000); December 1, 2015 – May 31, 2017 (\$16,634).

Homeless Street Count Data Analysis and Methodology Project was developed to assist the Tucson Pima Collaboration to End Homelessness and specifically the Homeless Street Count Committee develop a plan to better determine the number of people experiencing homelessness in Pima County. The United States Department of Housing and Urban Development (HUD) requires communities that receive HUD funding to count all of the people who slept on the street or in a shelter on one specific night during the end of January. Teams of volunteers are trained and deployed across the county to determine the number of people who are currently homeless in our community. Because of the sheer size of Pima County, SIROW's role in this project was to develop a methodology to categorize and sample different areas of the county and analyze the data of both sampled areas and areas where there was an attempt to interview every person experiencing homelessness in that sector.

15. Developing a Sustainable Seafood Industry for Myanmar

Funded by the United States Agency for International Development (USAID); \$1,899,366. October 1, 2014 – December 21, 2017. SIROW sub-account: Year 1 = \$14,703, Year 2 = \$19,703, Year 3 = \$23,000, Non-cost extension = \$3,000 (total \$60,406).

Developing a Sustainable Seafood Industry for Myanmar is a collaborative effort of multiple departments of the UA; Yangon University (YU) and Patheingyi University (PU) in Burma; the private and public sectors; and several non-governmental organizations (NGOs). The objective of this effort is to move Burma's seafood sector towards an industry that mixes capture fisheries and aquaculture along with improved processing and marketing capabilities to meet global standards of sustainability, equitability, profitability, and food safety. Capacity building aspects will be directed to both the institutions of higher education and to the extension/training components of the Myanmar Department of Fisheries and the nine fishing, fish farming, and shrimp farming associations that together form the Myanmar Fisheries Federation. This project will place a special emphasis on reaching women with training and outreach programs, as much of the fish farming is conducted on small scale farms by women, as is much of the seafood processing. In addition, all project efforts will be gender-sensitive and build capacity for sustained integration of gender-responsive planning. SIROW role in this project is to address gender issues and assist with monitoring and evaluation activities.

16. Pregnant/Postpartum Women and Adolescent /Young Adult Substance Abuse National Cross-site Evaluation

Funded by the Substance Abuse and Mental Health Services Administration; approximately \$4,200,000 over 3 years, January 27, 2015- January 26, 2020. SIROW subcontract March 4, 2015 – January 27, 2018 is \$931,837.

The *Pregnant/Postpartum Women and Adolescent /Young Adult Substance Abuse National Cross-site Evaluation* is collaboration between Research Triangle Institute International (RTI) (lead agency), Health & Education Research, Management, & Epidemiologic Services (HERMES), and SIROW. This national evaluation includes three of SAMHSA's initiatives: (1) Services Grant Program for Residential Treatment

for Pregnant and Postpartum Women (PPW); (2) State Adolescent Treatment Enhancement and Dissemination (SAT-ED); and (3) Cooperative Agreements for State Adolescent and Transitional Aged Youth Treatment Enhancement and Dissemination (SYT). Through a multi-site, multi-component, 5-year project, this evaluation addresses 10 tasks: (1) Communication and development of evaluation plan of performance and coordination plan; (2) Office of Management and Budget clearance; (3) Evaluation technical assistance for PPW grantees; (4) Evaluation technical assistance for SAT-ED and SYT grantees; (5) Cross-site analysis of SAT-ED and SYT grantees; (6) Support analyses of PPW quarterly data collections and local evaluations; (7) Special report on pregnant and postpartum women and their families; (8) Routine reporting for SAT-ED and SYT; (9) Project tracking system, and (10) Final Reports and debriefings. Findings from this evaluation will contribute to the knowledge base about best practices and lessons learned from the PPW, SAT-ED, and SYT programs, which will advance the field as they are applied in other treatment modalities and to other settings where pregnant and postpartum women and transitional-aged youth receive services. The findings from this evaluation will be broadly disseminated through multiple venues.

17. Expanding Your Horizons

Funded by Freeport-McMoRan Sierrita Operations, February 1, 2015-December 31, 2015; February 1, 2016-December 31, 2016. \$10,000 with in-kind donations from the Sahuarita School District.

Expanding Your Horizons (EYH) is an outreach program of the *Women in Science and Engineering* (WISE) Program, with the support of local schools. EYH aims to increase interest and diversity in the fields of science, technology, engineering, math, and medicine (STEMM) by offering hands-on, interactive workshops for middle and high school students led by University of Arizona researchers, staff, and graduate students and representatives from local STEMM organizations. During the 2015 fiscal year, EYH is being implemented in collaboration with the Sahuarita School District and will directly impact approximately 250-300 middle and high school students. Additionally, 8-12 undergraduate UA students will also gain valuable experience in project development and implementation through their participation in event organizing as part of the *WISE* internship program. In 2015, EYH workshops were offered by organizations including: Arizona Project WET; UA Lunar and Planetary Laboratory; Intel; UA Laboratory of Tree-Ring Research; UA Material Sciences; the UA School of Geography and Development; Sustainable Nations; UA Soil, Water, and Environmental Sciences; the Reid Park Zoo; UA Catalyst; and the UA STEM Learning Center in collaboration with the Southern Arizona Research, Science, and Engineering Foundation.

18. STEM Outreach and Student Engagement Program

Funded by the Marshall Foundation, May 2015-June 2016 = \$25,378; and The University of Arizona, July 2015 - June 2016 = \$15,000.

The *STEM Outreach and Student Engagement Program* is a collaborative effort between the *Women in Science and Engineering* (WISE) Program and the STEMAZing Project at the Pima County Superintendent's Office. Through this program, UA undergraduate students attend a weekly course on issues of diversity and social justice in Science, Technology, Engineering, and Math (STEM) fields, receive training in pedagogical strategies for engaging K-12 students, and assist local schools in implementing STEM educational initiatives for 8 hours per week. In doing so, this program provides UA undergraduate students with the opportunity to harness and enhance their academic training through directed community engagement and helps to increase the capacity of local schools to offer innovative STEM programming for k-12 students. Moreover, by linking STEM outreach and education with issues

of social justice and helping students gain the skills necessary to communicate their academic knowledge to non-expert audiences, this program builds on recent research that points to these factors as key to increasing participation and retention of under-represented minorities in STEM fields and throughout the k-16 educational pipeline.

19. Southern Arizona Anti-Trafficking United Response Network (SAATURN)

Funded by the Department of Justice, Office of Justice Programs, Office for Victims of Crime; October 1, 2015 – September 30, 2018 for \$1,500,000. SIROW subcontract total for all three years is \$36,576 from CODAC and \$62,571 from the City of Tucson – Tucson Police Department.

Southern Arizona Anti-Trafficking United Response Network (SAATURN) is an anti-human trafficking project inclusive of both labor and sex trafficking. SAATURN is a collaboration between CODAC Behavioral Health Services, the Tucson Police Department, and SIROW. SAATURN's goals include: (1) building a strong coalition across southern Arizona (Pima, Cochise and Santa Cruz counties) aimed at addressing issues of human trafficking; (2) providing training on human trafficking to a wide range of constituents; (3) reducing human trafficking through law enforcement activities including the identification, arrest, and prosecution of those who engage in human trafficking crime; (4) providing services to victims of human trafficking; and (5) conducting an evaluation of the project. SIROW's primary role in SAATURN is evaluation including a process evaluation with regard to coalition building and the tracking of law enforcement and victim services activities.

20. Multi-site Examination of the Effectiveness of The Seven Challenges for Adolescents

Funded by The Seven Challenges, November 1, 2016 – April 30, 2017. \$3,500.

Multi-site Examination of the Effectiveness of The Seven Challenges for Adolescents examines the effectiveness of The Seven Challenges in order to build evidence for the model. To this end, SIROW will analyze existing data to address two questions. The first is whether adolescent clients of The Seven Challenges improve their behavioral and mental health outcomes (e.g., recidivism; alcohol and other drug use; co-occurring issues) as a result of engaging in The Seven Challenges program. The second is whether the improvements in behavioral and mental health outcomes experienced by adolescent clients of The Seven Challenges program are greater than those experienced by adolescent clients of other substance use treatment programs. Findings from this study will be used to inform the field of substance use treatment regarding the effectiveness of The Seven Challenges and its potential to effectively address substance abuse problems among adolescents across the nation suffering from these problems.

21. Health and Social Well-Being in Chronically Homeless Women: Tucson and Southern Arizona's Current Risks and Future Opportunities / Establish Your Identity

Jointly funded November 1, 2016 – December 31, 2017. Making Action Possible, UA College of Management; \$7,500 and UNIDAS, Women's Foundation of Southern Arizona; \$5,000.

Health and Social Well-Being / Establish your Identity project is a collaboration with Sister José Women's Center (SJWC) in Tucson, AZ. The purpose of this project is to conduct a community needs assessment. To facilitate the process, SIROW and SJWC will utilize a guidebook from *Strengthening Nonprofits: A Capacity Builder's Resource Library, Conducting a Community Assessment*. SJWC is a non-profit serving chronically homeless women in its year-round drop-in day program and an winter overnight shelter (November to March). Women who regularly attend have expressed interest in expanded services at SJWC. The proposed project will allow us to document and evaluate the interests of the women as well as delve further into identifying needs. The needs assessment will be facilitated by a SIROW and SJWC trained team with the intent of: (1) documenting and evaluating the needs of homeless

women receiving services at SJWC, and (2) based on the evaluation of the community needs assessment, developing key findings and setting priorities in the creation of an action plan for SJWC. The Establish your Identity will allow SJWC to assist women in obtaining their identification and other official documents (e.g., SSN card, birth certification, etc.).

22. Mujer Saludable on the US-Mexico Border: A Promotora-led Adaptation and Expansion of a Sexual Health Education Curriculum to Address Reproductive Health Needs in Nogales, Son, MX

Funded by the University of California Berkeley, Research Program on Migration and Health (PIMSA); September 1, 2016 – April 30, 2018. \$30,000 (\$15,000 to SIROW).

The Mujer Saludable on the US-Mexico Border project involves SIROW and El Colegio de la Frontera Norte (COLEF). This binational team will work together to examine and address reproductive health needs and access to reproductive health care, specifically as it relates to women's sexual health through the lens of mother-daughter relationships. Together, the partners will use community-based participatory research methods to: (1) collaboratively collect qualitative data to examine reproductive health needs and access to reproductive health care among women living in low-resource communities in Nogales, Son, MX; (2) utilize the collected data and the promotora (i.e., community health worker) model to expand and adapt SIROW's sexual health curriculum Mujer Saludable, including emphasizing the mother-daughter relationship; (3) pilot test the adapted Mujer Saludable-Promotora curriculum for acceptability and its potential to impact teen pregnancy and increase access to reproductive care across the lifespan; and (4) utilize research findings to inform health policy at the local, state, national, and international levels.

23. Community School Garden Program Evaluation

Funded by Community School Garden Program; September 1, 2016 – February 28, 2017. \$5,000.

The Community School Garden Program Evaluation partners SIROW with the Community School Garden Program. The purpose of this project is to examine the impact of the Community School Garden Program on K-12 students, teachers, and University of Arizona student interns working with the program. To this end, SIROW and the Community School Garden Program utilize a mixed method (qualitative and quantitative) evaluation design to examine impact with regard to: (1) school and teacher connectedness; (2) educational motivation; (3) relationship to peers and community; (4) appreciation of earth processes and social/environmental justice; (5) gardening, nutrition, and environmental knowledge; (6) behavior (e.g., food intake and choices; communication with family/friends about gardening); (7) emotional well-being (e.g., feelings of safety; level of stress); and (8) satisfaction with the Community School Garden Program. Findings from this evaluation will be used to inform and improve the Community School Garden Program. They will also be used to direct future evaluation efforts examining the impact of the Community School Garden Program.

24. Bridges to Wellness (B-Well)

Funded by SAMHSA; September 30, 2016 - September 29, 2021. \$1,146,675.

Bridges to Wellness is an infrastructure and capacity-building project to deliver and sustain prevention services to reduce the onset of substance abuse (SA), HIV, and Viral Hepatitis (VH) among system-involved minority youth ages 13-17 in Tucson and Sells, Arizona. B-Well is a collaboration between SIROW, Intermountain Centers for Human Development, the Pima County Health Department, and the Pima County Community Prevention Coalition. Four project goals include: (1) completion of a needs assessment and strategic plan; (2) mobilization and capacity building to address identified prevention needs; (3) implementation of prevention strategies and programs; and (4) evaluation of program processes

and outcomes to assess performance and project impact on behavioral health disparities. The Intermountain infrastructure/capacity-building component includes: a Train-the-Trainer model to train youth professionals to deliver prevention services; developing policies for successful implementation; integrating Intermountain staff into B-Well service delivery; and embedding B-Well project services into existing Intermountain services. Community infrastructure development and capacity-building includes collaborating and coordinating with the Community Prevention Coalition as key stakeholders, and working to increase protective factors in the community through direct and indirect environmental prevention, outreach activities, and social marketing. The prevention component for youth will utilize a Cognitive Behavioral and Motivational Interviewing approach, combining small group evidence-based curricula; individual prevention planning; SA screening; HIV and VH counseling and testing; and active linkages to additional services.

25. The Bio/Diversity Project: Fostering Interest and Diversity in Environmental Science through the Lens of Biodiversity

Funded by the Haury Program in Environment and Social Justice, July 2016-June 2018. \$98,155.

The Bio/Diversity Project: Fostering Interest and Diversity in Environmental Science through the Lens of Biodiversity, is a collaboration between the UA Women in Science and Engineering Program (a program of SIROW), the Arizona-Sonora Desert Museum, and Friends of Saguaro National park. This project aims to increase the diversity of voices included in discussions of environmental issues and the development of solutions to address them by fostering the entry and success of under-represented populations (e.g., women, Native Americans, and Latinos) in environmental science disciplines along the K-16+ educational pipeline and into the environmental science workforce. In order to do so, partner organizations will implement a multi-pronged strategy that increases K-12 student access to culturally-relevant and place-based environmental science curriculum focused on the topic of biodiversity and provides targeted training and mentorship opportunities for university students to expose them to environmental science careers. In doing so, this project leverages the power of university-community partnerships and the unique expertise of partner organizations in order to increasing participant knowledge of the importance of biodiversity, foster a sense of environmental responsibility to create ecosystems that enable a diverse range of living things to live and thrive, and strengthens opportunities for environmental science-related educational and work opportunities for youth from populations under-represented in environmental science fields and careers. Program evaluation will assess the impact programming has on science motivation, self-efficacy, and identity among participants.

26. The STEM Pipeline Mentorship Program

Funded by the UA Commission on the Status of Women; July 2016-June 2017. \$1,500.

The STEM Pipeline Mentorship Program aims to increase diversity in STEM fields by offering a structured mentorship program for female high school, undergraduate, and graduate students interested in and/or pursuing STEM fields. This program uses a peer and near-peer group mentoring structure and thematically focused workshops in order to achieve two primary goals: 1) provide program participants with practical knowledge and strategies for success along the STEM pipeline and 2) build a community of women committed to diversity in STEM fields at the UA and beyond. During 2016-17, the program structure will consist of monthly workshops and social events (on average, one workshop and one social event per month, September through April). Workshop themes are designed by program participants based on their interests, goals, and needs and feature successful UA researchers, faculty, and STEM professionals who serve as experts on particular topics.

27. Innovations in Social Science Learning: The Poverty in Tucson Field Workshop

Funded by National Science Foundation, September 1, 2016 – August 31, 2018). \$248,882 (subaward to SIROW is \$46,836 total).

Innovations in Social Science learning: The Poverty in Tucson Field Workshop includes designing an engaging undergraduate research experience within the STEM field that enhances undergraduate education at the University of Arizona through offering an undergraduate course “workshop” through the School of Sociology. This workshop expands undergraduates’ research experience by creating an immersive semester-long methodological class with a focus on poverty in Tucson, Arizona. Two workshops offered in the spring and fall semester in 2017 includes up to 120 students, and contains lectures, field work (e.g., data collection), research training e.g., (human subjects research, data entry, data analysis), and community presentations. A key component of this project is the evaluation of the workshop as an effective means of developing STEM-related skills in the undergraduate population and whether the workshop is scalable and/or transferable. Evaluation data will be collected through: (1) a pre/post analysis of student’s familiarity with STEM skills, attitudes towards STEM, preparedness for STEM careers, and acceptability of the workshop format; (2) case-control analysis of a sample of these measures comparing the workshop’s students to undergraduate students enrolled in a traditional methods course offered by the School of Sociology; (3) community-based data collected immediately following the community presentation events to assess if the course might be support over the long-term through community partnerships, and (4) a survey of UA College curriculum committees to determine the scalability and potential transferability of the course design.

28. Let’s Talk About Mathematics Project

Funded by the Heisting-Simons Foundation; August 1, 2016 – July 31, 2018. \$249,568 (SIROW subcontract is \$8,262).

Let’s Talk About Mathematics Project centers on supporting family engagement in mathematics for low-income, culturally and linguistically diverse families including children of immigrant origin, many of whom may be emergent bilinguals. The goal of the project is to design and study a model of parental engagement in mathematics that is based on a two-way dialogue between school and home. The focus is on K-3, with foundation setting for the upper elementary grades. In facilitating dialogue between parents and teachers, Let’s Talk About Math promotes community-building activities (e.g., workshops for families, exploration of neighborhood resources). The UA, works in partnership with Los Amigos Tech Academy in Sunnyside Unified School District, Tucson, AZ. In addition, WestEd works in partnership with Rosa Parks Elementary School in Berkeley, CA. Each school has a leadership team composed of 4 to 6 teachers and 8 to 12 parents. All activities involving parents and teachers are done bilingually. Together, parents and teachers on the leadership team work on mathematics explorations emphasizing the Common Core State Standards mathematical practices. They co-facilitate mathematics workshops for families in the school community. These workshops for parents and children take place once a month and reach 15 to 20 families. The goal of these workshops is for the parents and children to explore mathematics together.

29. Examination of the Effectiveness of The Seven Challenges for Adults - Alabama

Funded by The Seven Challenges; March 1, 2017 – February 28, 2019. \$5,700.

Examination of the Effectiveness of The Seven Challenges for Adults partners SIROW with University of Alabama-Birmingham (UAB) School of Medicine’s Beacon Addiction Treatment Center. The purpose of this project is to examine the effectiveness of The Seven Challenges adapted for adults in order to build evidence for the model. To this end, SIROW and UAB will conduct an experimental study to address two questions. The first is whether adult clients of The Seven Challenges improve their behavioral and mental

health outcomes (e.g., recidivism; alcohol and other drug use; co-occurring issues) as a result of engaging in The Seven Challenges program. The second is whether the improvements in behavioral and mental health outcomes experienced by adult clients of the Beacon Addiction Treatment Center who engage in The Seven Challenges program are greater than those experienced by adult clients of the Beacon Addiction Treatment Center who receive services related to job readiness (a ‘no treatment’ control group). Findings from this study will be used to inform the provision of substance use treatment locally at the Beacon Addiction Treatment Center. Moreover, they will be used to inform the field of substance use treatment regarding the effectiveness of The Seven Challenges and its potential to effectively address substance abuse problems within the broader population of adults across the nation suffering from these problems.

30. Women in the Arizona Transportation Workforce

Funded by Arizona Department of Transportation, April 30, 2016 – June 30, 2018. \$199,746.

The Women in the Arizona Transportation Workforce evaluation will help address gaps in knowledge with regard to the Arizona Department of Transportation (ADOT) workforce and inform on potential strategies for addressing the underrepresentation of women in this workforce. The primary purpose of this project is to understand the existing and future workforce and the high priority issues specific to women in the ADOT workforce. This includes (1) understanding the issues that are of high importance to women with regard to recruitment, retention, and job satisfaction in the transportation industry, (2) informing on potential program strategies that ADOT may utilize to address these issues, and (3) assisting ADOT’s efforts to comply with federal requirements to build and maintain a diverse workforce. The evaluation includes five tasks (1) conducting a comprehensive literature review regarding women in Arizona’s transportation industry; (2) reviewing existing policies and practices at ADOT, other state department of transportations, and selected county and city DOTs, (3) investigating the experiences of women and men employed in the Arizona’s transportation industry, (4) analyzing and reporting on the findings from the research conducted, and (5) preparing and delivering presentations highlighting the outcomes and recommendations derived from the research study.

31. Examination of the Effectiveness of The Seven Challenges for Adults – Idaho

Funded by D7 Treatment, March 1, 2016 – December 31, 2017. \$5,600.

Examination of the Effectiveness of The Seven Challenges for Adults – Idaho examines the effectiveness of the Seven Challenges adapted for adults to build evidence for the model. SIROW partners with D7, a local treatment provider in Idaho. This quasi-experimental study addresses two questions: (1) whether adult clients enrolled in The Seven Challenges improve their behavioral and mental health outcomes as a result of the program, and (2) whether the improvements in behavioral and mental health outcomes are greater than those enrolled in a standard of care substance abuse treatment program. Findings from this study will be used to inform the provision of substance use treatment at D7 Treatment as well as to inform the field about the effectiveness of The Seven Challenges and its potential to address substance abuse problems within the broader [population of adults.

SIROW 2016 Selected Internally Funded Projects:

1. Women in Science and Engineering (WISE)

The *Women in Science and Engineering* (WISE) program within SIROW works to increase interest and diversity in the fields of science, technology, engineering, mathematics, and medicine (STEMM) by providing a number of community and campus outreach programs.

During 2015, *WISE* sponsored K-12 outreach activities including school presentations to inform students about STEM job opportunities in an effort to recruit them into these fields. *WISE* worked with several local programs to identify new growth opportunities and external program development for underperforming programs. At the middle and high school levels, the biannual “*Expanding Your Horizons*” conference provides students with an opportunity to engage in hands-on science and engineering activities.

At the UA, *WISE* also offers internship opportunities for undergraduate students. All students who contribute to this program have the opportunity to participate in one on one academic tutoring, writing workshops, C.V. construction seminars, professional presentations, and event organization. Personal interests and needs are considered for each student and individual meetings have included study practices, job interviewing, personal efficacy development, reading effectively, time management, and personal presentation for public events.

Additionally, liaisons from UA-Colleges and organizations that promote gender equity sponsor the *Science and Engineering Excellence* (SEE) awards and banquet each spring. This event provides an opportunity to recognize individuals and organizations who work to foster interest and diversity in STEM fields in southern Arizona.

The primary funding sources for *WISE* are UA’s College of Social and Behavioral Sciences and College of Science, and to a lesser extent the College of Engineering. External contributions are received each year for various *WISE* activities and student scholarships and awards, with Freeport McMoRan Inc. being the largest contributor in 2015.

2. Sowing the Seeds: Southwest Regional Women Scholars’ Writing Group

This project began with a one-year Stocker Foundation grant over a decade ago and has continued through self-support and minimal sponsorship from SIROW. *Sowing the Seeds* hosts monthly workshops and exchanges, an annual conference, and offers publication opportunities – with a focus on

Hispanic/Latina women writers. Since original funding, *Sowing the Seeds* has published two edited volumes.

3. Managing Tough Times: Women Living in Economic Uncertainty

This project is a collaboration with the Pima County/Tucson Women’s Commission and SIROW with its mission to explore and illuminate (1) how women in Pima County cope with living in economic uncertainty, (2) how women’s income and resources influence her day-to-day life experiences. A series of focus groups with women who are challenged economically will be facilitated and data from the findings will be incorporated into an advocacy report, research briefs and other dissemination products.

4. Hogar de Esperanza y Paz (HEPAC)

The *Hogar de Esperanza y Paz, A.C.* (HEPAC) support project is a project that organizes and oversees University undergraduate interns to provide support services for *Hogar de Esperanza y Paz* (Home of Hope and Peace). HEPAC is a community center whose mission is to support charitable and educational programs for residents of underprivileged communities in Nogales, Mexico. In response to community

members' needs, HEPAC launched a Pre-K program for children ages 0-5 years old. The University interns who participate in this project are responsible for researching educational standards and observing pedagogical practices implemented in Pre-K programs throughout Sonora, Mexico. Based on this research, interns are involved in creating an appropriate educational curriculum for HEPAC's Pre-K initiative.

Scholarly Publications – 2016 Published

Baumer, P. C., Korchmaros, J. D., & Valdez, E. S. (2016). Who is served and who is missed by juvenile drug courts implementing evidence-based treatment. *Drug Court Review*, 10, 1, 60-79.

Dennis, M.L., Baumer, P.C., & Stevens, S. (2016). The concurrent evolution and intertwined nature of juvenile drug courts and Reclaiming Futures approaches to juvenile justice reform. *Drug Court Review: Findings from the National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures*, 10, 1, 6-30.

Greene, A., Ostlie, E., & Kagan, R. (2016). The process of integrating practices: The juvenile drug court and Reclaiming Futures logic model. *Drug Court Review*, 10, 1, 31-59.

Greene, A., Thompson-Dyck, K., Wright, M.S., Davis, M., & Haverly, K. (2016). Community engagement: Perspectives on an essential element of juvenile drug courts implementing Reclaiming Futures. *Drug Court Review*, 10, 1, 116-154.

Hedges, K. & Korchmaros, J. D. (2016). Pubertal timing and substance abuse treatment outcomes: An analysis of early menarche on substance use patterns. *Journal of Child & Adolescent Substance Abuse*, 25, 598-605. DOI: 10.1080/1067828X.2016.1171186.

Korchmaros, J. D., Baumer, P. C., & Valdez, E. S. (2016). Critical components of adolescent substance use treatment programs: The impact of Juvenile Drug Court: Strategies in Practice and elements of Reclaiming Futures. *Drug Court Review*, 10, 1, 80-115.

Korchmaros, J.D., Thompson-Dyck, K. L., & Haring, R.C. (2016). Professionals' perceptions of and recommendations for matching juvenile drug court clients to services. *Children and Youth Services Review*.

Lee, J. K., Shaw, S. J., Huebner Torres, C. I., Korchmaros, J. D., & Totman, M. (2016). Creative partnership to assess health beliefs, health literacy and medication adherence among ethnically diverse populations. *American Journal of Pharmaceutical Education*, 80, Article S2:102-103.

Powell, C., Ellasante, I., Korchmaros, J.D., Haverly, K., & Stevens, S. (2016). iTEAM: Outcomes of an affirming system of care serving LGBTQ youth experiencing homelessness. *Journal of Contemporary Social Services Families in Society*, 97, 181-190. DOI 10.1606/1044-3894.2016.97.24.

Stevens, S. (2016). History of juvenile justice in the United States: The need for ongoing research. *Drug Court Review*, 10, 1, 1-5.

Stevens, S., Andrade, R., & Page, M. (2016). Motivating young Native American students to pursue STEM learning through a culturally relevant program. *Journal of Science Education and Technology*, 25, 6, 947-960; and DOI: 10.1007/s10956-016-9629-1.

Stevens, S., Korchmaros, J.D., & Greene, A. (Eds) (2016). *Drug Court Review: Findings from the National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures*, X, 1. [Guest Edition] Alexandria, VA, National Drug Court Institute.

Williams, Jill M. (2016). The safety/security nexus and the humanitarianization of border enforcement.” *The Geographical Journal*, 82, 1, 27-37.

Williams, Jill M. (2016). Border enforcement, biophysical violence, and the ambiguities of intervention in the borderlands of the global north. *Migration Studies*. Invited book review. Published online August 19, 2016.

Ybarra, M. L., Espelage, D. L., Langhinrichsen-Rohling, J., Korchmaros, J. D., & boyd, d. (2016). Lifetime prevalence rates and overlap of physical, psychological, and sexual dating abuse perpetration and victimization in a national sample of adolescents. *Archives of Sexual Behavior*, published online DOI 10.1007/s10508-016-0748-9.

Selected Other Products - 2016:

Ashley, O. S., Greene, A., Stevens, S., Ross, C., Clifton, C., Laborde, D., Hill, J., & Scaglione, N. (2016). Evaluating Infrastructure Development. Webinar presented to State Adolescent Treatment Enhancement Dissemination (SAT-ED) grantees and State Transitional Aged Youth Treatment Enhancement and Dissemination (SYT-ED) grantees by RTI International, under contract #HHSS283201200006I with the Substance Abuse and Mental Health Services Administration.

Black, C. J., Haverly, K., Powell, C., Ashley, O., Haque, S., Valdez, E. S., Hill, J., McClenney, S., & McIntyre, D. (2016). Data Collection for Program Staff after Grant Funding Ends. Webinar presented to Services Grant Program for Residential Treatment for Pregnant and Postpartum Women grantees by RTI International, under contract #HHSS283201200006i with the Substance Abuse and Mental Health Services Administration.

Brinley, C., Powell, C., Korchmaros, J., & Haverly, K. (December, 2016). Ili Uusim Hiapsi~Pasqua Yaqui Project LAUNCH: Annual Evaluation Report. The University of Arizona: Tucson, Arizona.

Carnevale Associates, LLC & The University of Arizona - Southwest Institute for Research on Women (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures: Juvenile Drug Courts and Reclaiming Futures: Outcomes and Policy Implications. The University of Arizona: Tucson, Arizona.

Carnevale Associates, LLC & The University of Arizona - Southwest Institute for Research on Women (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures: Juvenile Drug Courts and Reclaiming Futures: The Integrated JDC/RF Logic Model-Linking Program Implementation and Outcomes. The University of Arizona: Tucson, Arizona.

Chestnut Health Systems & The University of Arizona - Southwest Institute for Research on Women (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures: Cross-Site Report: Recruitment and Retention - March 2016: Eight Site Report. The University of Arizona: Tucson, Arizona.

Chestnut Health Systems & The University of Arizona - Southwest Institute for Research on Women (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures: Cross-Site Report: Recruitment and Retention. The University of Arizona: Tucson, Arizona.

Doolen, A., Clifton, C., Ashley, O., Scaglione, N., Hill, J., Ross, C., Andrade, R., Powell, C., Stevens, S., & Ehatt, C. (2016). Process Evaluation. Webinar presented to Services Grant Program for Residential Treatment for Pregnant and Postpartum Women grantees by TRI International, under contract #HHSS283201200006i with the Substance Abuse and Mental Health Services Administration.

Greene, A., Black, C., Clifton, C., Hill, J., Haque, S., & Ashley, O. S. (2016). How Do I Use Process Evaluation to Improve My Project? Webinar presented to youth services grantees by RTI International, under contract #HHSS283201200006i with the Substance Abuse and Mental Health Services Administration.

Greene, A., Hill, J., Ashley, O. S., Laborde, D., Haverly, K., Grimes, K., Laborde, L., Scaglione, N., & Murphy, S. (2016). Using Evaluation Findings to Inform System Change. Webinar presented to State Adolescent Treatment Enhancement Dissemination (SAT-ED) grantees and State Transitional Aged Youth Treatment (SYT) grantees by RTI International, under contract #HHSS283201200006I with the Substance Abuse and Mental Health Services Administration.

Haque, S., Mallonee, E., Council, C., Hersch, R., & Greene, A. (2016). Planning for the SYT Cross-Site Evaluation. Webinar presented to youth services grantees by RTI International, under contract #HHSS283201200006i with the Substance Abuse and Mental Health Services Administration.

Haverly, K., Powell, C., Ashley, O., Salerno-Valdez, L., Greene, A., Hill, J., & McIntyre, D. (2016). Sustainable Programs: Using Data for Capacity Building, Program Advocacy, and Marketing. Webinar presented to Services Grant Program for Residential Treatment for Pregnant and Postpartum Women grantees by RTI International, under contract #HHSS283201200006i with the Substance Abuse and Mental Health Services Administration.

Powell, C. (2016). Everyone Counts! Pima County Point-in-Time Count. Webinar presented at the National Alliance to End Homelessness Improving Accuracy and Validity in the 2017 Unsheltered PIT Count Webinar.

Powell, C., Ellasante, I., Korchmaros, J.D., Haverly, K., & Stevens, S. (2016). Starting with Accessibility and Affirmation: A System of Care for LGBTQ Youth Experiencing Homelessness. Families and Society Webinar.

Stevens, S., Korchmaros, J. D., Greene, A., Davis, M., Baumer, P., Dennis, M. L., Carnevale, J., Ostlie, E., Kagan, R., & McCollister, K. (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures - Final Report: 7/1/2011-6/30/2015. The University of Arizona: Tucson, AZ. <https://www.ncjrs.gov/pdffiles1/ojdp/grants/249744.pdf>.

The University of Arizona – Campus Health Services & University of Arizona - Southwest Institute for Research on Women (2016). State Youth Treatment: Workforce Development Trainings: Process Summary, Operational Analysis and Evaluation. The University of Arizona: Tucson, Arizona.

The University of Arizona - Southwest Institute for Research on Women (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures: (Multiple Site-specific Reports for Evaluation Sites): Community Resources Available and Utilized. The University of Arizona: Tucson, Arizona.

The University of Arizona - Southwest Institute for Research on Women (2016). State Youth Treatment: Local Lessons Learned for Statewide Evidence-Based Practice Implementation. The University of Arizona: Tucson, Arizona.

The University of Arizona - Southwest Institute for Research on Women (2016). State Youth Treatment: Feasibility and Acceptability of Implementing Evidence-Based Practices. The University of Arizona: Tucson, Arizona.

The University of Arizona - Southwest Institute for Research on Women (2016). National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures: Eight Site Final Report. The University of Arizona: Tucson, Arizona.

Professional Presentations 2016:

** Not included are classroom or community presentations, workshops, trainings or other dissemination activities given the large number of these activities. See individual vitas for additional information.*

Brinley, C., Powell, C., Bahe, A., Manuel, M., & Noonan, D. (2016). Changing outcomes in Native American communities ~ Supporting intergenerational Pascua Yaqui families through community-based participatory screening and evaluation. Protecting Our Children NICWA 34th Annual Conference. St. Paul, MN, April 6, 2016. Submitted.

Brinley, C., Powell, C., Valenzuela, A., & Noonan, D. (2016). Defining Pascua Yaqui youth success: Healing trauma by building and maintaining trust in a community-based evaluation partnership. Indian Health Service 2016 National Behavioral Health Conference. Portland, OR, August 11, 2016. Submitted.

Brinley, C., Powell, C., Valenzuela, A., & Noonan, D. (2016). Supporting Pascua Yaqui youth success: Building and maintaining trust in a community-based assessment and evaluation partnership. American Public Health Association 2016 Annual Meeting & Expo. Denver, CO, October 31, 2016. Submitted.

Davis, M., Korchmaros, J.D., Stevens, S., & Greene, A. (2016). Key findings of the national cross-site evaluation of juvenile drug courts and Reclaiming Futures. Poster presented at the International Women's and Children's Health and Gender Group Conference. Palm Springs, CA, June 10, 2016. Submitted.

Dhakal, S., Lee, J., Korchmaros, J., Huebner-Torres, C., Hilton, A., & Shaw, S. (2016). Association between medication beliefs and adherence among diverse, low-income patients with chronic disease at a community health center. Poster presented at the American Pharmacists Association Annual Meeting, Baltimore, MD, March, 2016. Submitted.

Ellasante, I., Waters, C., & Powell, C. (2016). The leadership of lived experience: Affirming collaboration with LGBTQ youth and young adults. 2016 Let's Get Better Together Conference. Tucson, AZ, June 2, 2016. Submitted.

Gavrilyuk, D., Dhakal, S., Huebner Torres, C., Lee, J., Korchmaros, J., Totman, M., Shaw, S., Nguyen, K., & Pacheco, Y. (2016). Trends in utilization of original pill bottles vs. pillbox among diverse, low-income patients with chronic disease at a community health center in Massachusetts. Poster presented at the American Public Health Association Annual Meeting, Denver CO, November, 2016. Submitted.

Gavrilyuk, D., Totman, M., Huebner-Torres, C., Dhakal, S., Korchmaros, J., & Shaw, S. (2016). Medication adherence, health literacy and cultural beliefs (RxHL) study. Poster presented at the UMCCTS Community Engagement and Research Symposium. Worcester, MA, March 9, 2016. Submitted.

Greene, A., Korchmaros, J. D., & Davis, M. (2016). Impact of a system of care approach to integrating sexuality education and substance abuse treatment with adolescent girls. Paper presented at the Society for Research on Adolescence Conference, Baltimore, MD, March 2016. Submitted.

Haverly, K., Korchmaros, J., Valdez, L. S., Greene, A., & Davis, M. (2016). Addressing gender-based differences in victimization and substance use among justice-involved youth. Paper presented at the Society for Research on Adolescence Conference, Baltimore, MD, March, 2016. Submitted.

Haverly, K., Korchmaros, J.D., Valdez, E.S., Greene, A. & Davis, M. (2016). Addressing gender-based differences in victimization and substance use among justice-involved youth. Poster presented at the International Women and Children's Health and Gender Group Conference, Palm Springs, CA, June 10, 2016. Submitted.

Hueber Torres, C., Korchmaros, J., Lee, J., Totman, M., & Shaw, S. (2016). Association between health literacy, medication adherence and chronic disease control among diverse, low-income patients with hypertension at a community health center. Poster presented at the Health Literacy Annual Research Conference, Bethesda, MD, October, 2016. Submitted.

Korchmaros, J.D., Stevens, S., & Greene, A. (2016). Key findings of the National Cross-Site Evaluation of Juvenile Drug Courts and Reclaiming Futures. Reclaiming Futures National Conference, Miami, FL, April, 2016. Invited.

Lee, J. K., Shaw, S. J., Huebner Torres, C. I., Korchmaros, J. D., & Totman, M. (2016). Creative partnership to assess health beliefs, health literacy and medication adherence among ethnically diverse populations. Poster presented at the 117th Annual Meeting of the American Association of Colleges of Pharmacy, Anaheim, CA, July, 2016. Submitted.

Powell, C., Brinley, C., Manuel, M., Estes, T. & Noonan (2016). Kava'i Hitevi: Building community and strengthening services through inclusive equine programming, 17th Annual EAGALA Conference. Lexington, KY, March 30-April 1, 2016, Submitted.

Powell, C., Ellasante, I., & Stevens, S. (2016). Women in crisis: Addressing substance use disparities and risks facing transgender women. International Women's and Children's Health and Gender Group Conference, Palm Springs, CA, June 10, 2016. Submitted.

Powell, C., Ellasante, I., Waters, C., & Stevens, S. (2016). Centering the most marginalized: Striving to meet the unique needs of LGBTQ homeless youth. 6th Annual South Hampton Roads Regional Conference on Ending Homelessness, Norfolk, VA, March 10, 2016. Invited.

Powell, C., Stevens, S., Ellasante, I., & Waters, C. (2016). Outcomes of a trauma responsive system of care for LGBTQ youth. The College on Problems of Drug Dependence Annual Conference, Palm Springs, CA, June 12-16, 2016. Submitted.

Powell, C., Waters, C., & Ellasante, I. (2016). The ANCHOR Project: Developing an affirming system of care for lesbian, gay, bisexual, transgender and queer (LGBTQ) young adults experiencing homelessness. SAMHSA's 2016 Homeless Programs Grantee Conference, Washington DC, August 15-17, 2016. Invited.

Shaw, S., Lee, J., Huebner-Torres, C., Korchmaros, J., Totman, M., & Dhakal, S. (2016). Public insurance cost control and medication adherence at a Massachusetts clinic. Poster presented at the Society for Applied Anthropology Annual Meeting, Vancouver, BC, CA, April, 2016. Submitted.

Stevens, S. (2016). Treatment completion in SAMHSA-funded Pregnant and Postpartum Women's Programs. Substance Abuse and Mental Health Services Administration Grantee Meeting, Bethesda, MD, May 19-20, 2016. Invited.

Stevens, S. (2016). Essential design elements and core services for family-centered care for pregnant and post-partum women and their families: Lessons from the field. Pregnant and Postpartum Women Family Centered Summit. Washington, DC, July 27- 29, 2016. Invited.

Stevens, S. (2016). iSTEM Project: Engaging young Native American students in STEM. Growing the Legacy of Native American Leadership in Science and Technology: A Thought Leadership Event, Chandler, AZ, October 5, 2016. Invited.

Stevens, S., Greene, A., & Korchmaros, J. D. (2016). A system of care approach in treating substance use disorders among adolescent girls. The College of Problems of Drug Dependence Annual Conference, Palm Springs, CA, June 12-16. Submitted.

Stevens, S., Powell, C., Ellasante, I., & Waters (2016). Examining outcomes of an evolving, trauma-responsive system of care for LGBTQSA youth. 2016 Society for Research on Adolescents, Baltimore, MD, March 31 – April 2, 2016. Submitted.

Totman, M., Huebner Torres, C., Dhakal, S., Lee, J., Korchmaros, J., & Shaw, S. (2016). Association between social support and medication adherence among diverse, low-income patients with chronic disease at a community health center. Poster presented at the American Public Health Association Annual Meeting, Denver, CO, October, 2016. Submitted.

Valdez, E. S., Haverly, K., Stevens, S. & Korchmaros, J. K. (2016). Gender and ethnic differences among youth enrolled in juvenile drug courts implementing Reclaiming Futures. Poster presented at the Coalition for Juvenile Justice Conference, Washington, DC, April 20-23, 2016. Submitted.

Waters, C., & Powell, C. (2016). Strategies for providing affirming trauma-informed services for unstably housed LGBTQ+ young adults. Arizona Coalition to End Homelessness 23rd Annual Conference, Phoenix, AZ, September 21-22, 2016. Invited.

Waters, C., & Powell, C. (2016). A call for inclusivity: LGBTQ-affirming adaptations to a sexuality education curriculum. 2016 National Sex Ed Conference, Atlantic City, NJ, December 7-10, 2016. Submitted.

Williams, Jill M. (2016). Inclusive engagement. Arizona Science, Engineering, and Math Scholars Program, Keynote Speaker for Inclusive Engagement Workshop, Tucson, AZ, August 27, 2016. Invited.

Williams, Jill M. (2016). Fostering diverse and Inclusive STEM Programs. MESA Advisory Orientation, Phoenix, AZ, September 9, 2016. Invited.

IV: Awards, Honors, Achievements, Outreach and Service (Selected)

In 2016, SIROW personnel received awards and honors and have provided an array of outreach and services, such as providing information on funding sources, connecting scholars with their peers, responding to requests for information from students and community members, and disseminating information to various audiences. Below is a selected list of honors, awards, outreach and services provided by selected members of SIROW's Steering Committee.

Rosi Andrade

- Facilitator, Teach in Workshop. National Association for Ethnic Studies Conference
- Member, Board of Directors, Compass Affordable Housing, Tucson, Arizona
- Member, Directiva (Board of Directors), Sowing the Seeds Mesa, Tucson, Arizona
- Member, Human Subjects Departmental Review Chair, SIROW and Gender & Women's Studies, The University of Arizona
- Member, SIROW Community Advisory Board
- Member, SIROW Steering Committee
- Member, SIROW Executive Director Search Committee, 2015-2016
- Mentor, Junior Faculty – Preparation for National Science Foundation Career Award
- Mentor, Junior Researcher – Programa de Investigación en Migración y Salud Award

Alison Greene

- Awardee, Best Short Film. “Not Your Usual Bedtime Story: Exploring Teen Sexual Health,” LUNAFest local film contest
- Liaison, Correspondence and Coordination, Honors College Internship Program: for SIROW-Central internships for students
- Member, SIROW Steering Committee
- Member, SIROW Fundraising Committee
- Member, SIROW Advisory Board.
- Member, Women's Studies Advisory Council

Jo Korchmaros

- Ad hoc Reviewer, Polish Psychological Bulletin and Journal of Adolescent Health, Medicine, and Therapeutics
- Awardee, Women's Studies Advisory Council /SIROW Travel Award
- Chair, SIROW Editing Committee
- Chair, SIROW Software and Data Management Committee
- Consultant, Martin Research Consulting
- Member, Community Prevention Coalition
- Member, SIROW Steering Committee
- Mentor, SIROW's iSTEM Project

Claudia Powell

- Chairperson, Pima County Point in Time Homeless Street Count Workgroup
- Chairperson, Pima County Domestic Violence Fatality Review Board
- Member, Advisory Council, My Girl Power Project
- Member, Pima County Domestic Violence Steering Committee
- Member, Pima County Domestic Violence Risk Assessment Sub-Committee
- Member, SIROW Steering Committee
- Member, SIROW - Community Advisory Board
- Member, UA - Frances McClelland Institute Youth Development and Resilience Research Initiative
- Vice-Chair, Executive Board, Tucson-Pima Collaboration to End Homelessness

Sally Stevens (excludes University service)

- Awardee, Mary Bernard Aguirre Professorship, UA - Gender and Women's Studies
- Awardee, Women's Studies Advisory Council Travel Award

- Chair, Discussant Table Chair, Growing the Gender Field: Developing Scientific, Clinical, and Academic leaders. International Women's and Children's Health and Gender Group Conference
- Co-Chair, A Gender Lens to Addressing Adolescent Substance Use Disorders and Trauma with System Level Approach. SASATE Workshop. The College of Problems of Drug Dependence Annual Conference
- Member, Expert Panel, Evaluation of SAMHSA Cooperative Agreements to Benefit Homeless Individuals, RTI International
- Member, Planning Committee, International Women's and Children's Health and Gender Group Conference
- Member, Expert Panel, The Causal Effect of Community-Based Treatment for Youth, Rand Corporation
- Member, Planning Committee, International Women's and Children's Health and Gender Group Conference
- Member, SIROW Steering Committee
- Member, Women in Science and Engineering Advisory Board
- Moderator, Common Global Themes on Stigmatization and Victimization of Women Substance Users through Culturally Relevant Lens. Panel at International Women's and Children's Health and Gender Group Conference
- Speaker, Juvenile Justice in the United States, KXCI Public Broadcasting Radio
- Speaker, Diversity in STEM fields, Unidas Program, Women's Foundation of Southern Arizona

Jill Williams

- Member, SIROW Steering Committee
- Member, SIROW Website Committee
- Member, Women in Science and Engineering Advisory Board
- Representative, Mansfeld Middle School, STEM Committee
- Representative, American Association of University Women
- Reviewer, Haury Program in Environment and Social Justice, Visiting Fellows Program
- Reviewer, Haury Program in Environment and Social Justice, Visiting and Faculty Fellows Program
- Reviewer, National Science Foundation, Geography and Spatial Sciences Program, Ad-Hoc Proposal Reviewer
- Reviewer, Political Geography, Environment and Planning D: Society and Space, Antipode, Social and Cultural Geography, Gender, Place & Culture, Annals of the Association of American Geographers, Palgrave Macmillan Publishers
- Speaker, Arizona-Sonora Desert Museum, Teacher Appreciation Night
- Speaker, Mansfeld Middle School STEM Night, Keynote
- Speaker, Unidas Program, Women's Foundation of Southern Arizona

SIROW Website

<https://sirow.arizona.edu>

SIROW Regional News

SIROW Regional News is a semi-annual newsletter publication focused on Gender and Women's Studies departments, research institutes, and programs located in the southwest U.S. The newsletter

includes articles of interest on academic affairs, research projects, current publications, and activities in the Southwest. The focus of the SIROW Regional News is to highlight the work of researchers within the region as well as encourage the development of new projects. (Available at <https://sirow.arizona.edu/newsletters>)

SIROW Community Newsletter

SIROW's Community Newsletter is an annual summer publication of interest to community-based organizations, funding officials, policy makers and other individuals interested in the work of SIROW. The focus of this local newsletter is on SIROW projects that serve the University and the wider community. (Available at <https://sirow.arizona.edu/newsletters>)

Visitors to SIROW

SIROW welcomes visitors who interested in reviewing our programs, visiting SIROW's research sites, discussing specific projects, pursuing discussions related to their own research, or contributing to one of SIROW's programs. We also welcome research affiliates who partner with SIROW personnel on various scholarly work of mutual interest.

SIROW in the News:

SIROW's researchers and projects and were featured in numerous on-line, print, visual, and audio outlets during the 2016 calendar year. For more information, visit the SIROW website.

V: Peers - Realistic and Aspirational; Programmatic Rankings and Sources:

It is difficult to place SIROW, as a feminist research institution, in a national scheme of realistic or aspirational peers. SIROW's network of collaborators and relatively large funding amount for externally funded projects puts SIROW at or near the top of all feminist research institutions. SIROW is a recognized national leader among all-purpose, university-based centers for research on women whose programs include outreach and educational programs as well as research. Evidence of SIROW's excellent standing is noted by the frequency of other institutions and agencies that seek consultation from SIROW. In addition, officials from various funding institutes call upon SIROW professionals for leadership, advice, and feedback on issues related to gender, gender differences, women, girls, and families.