

**Southwest Institute for Research on Women
(SIROW)**

CALENDAR YEAR REPORT - 2019

**College of Social and Behavioral Sciences
University of Arizona**



THE UNIVERSITY OF ARIZONA
COLLEGE OF SOCIAL & BEHAVIORAL SCIENCES

**Southwest Institute
for Research on Women**

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I. Introduction:

The University of Arizona - Southwest Institute for Research on Women (UArizona-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. Since 1979, SIROW has worked collaboratively with UArizona colleges, other institutions of higher education, K-12 schools, Native American tribes, governmental agencies, and community-based organizations. SIROW's projects have primarily focused 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. Josephine Korchmaros is the Director of SIROW and Ms. Claudia Powell is SIROW's Associate Director. SIROW is supported by its business office, which includes a Business Manager Senior whose percent effort was increased from part to full-time in late 2019 and a full time Administrative Support Assistant. In addition, and in part due to lead researcher, Dr. Alison Greene leaving SIROW (for a tenure track position at University of Indiana) and Dr. Sally Stevens anticipated retirement in 2021, SIROW was able to hire two new lead researchers, Dr. Keith Bentele and Dr. Beth Meyerson in late 2019.

In 2019, SIROW implemented its new 5-Year Strategic Plan (2019-2023). The Strategic Plan Map includes 4 pillars: (1) Advance projects to address social inequalities and group-based disparities; (2) promote SIROW as a premier innovative resource and research center; (3) contribute SIROW expertise as an innovative resource; and (4) engage allies and build collaborative relationships. (See SIROW Strategic Plan at <https://sirow.arizona.edu/strategic-plan>.)

As noted in SIROW's Strategic Plan, SIROW contributes to a more just and equitable society for all. SIROW and its partners help to make positive social changes at individual, familial, community, and structural levels by:

- challenging the status quo;
- facilitating the voices of those who experience disparity;
- working with diverse groups of female-, male-, and transgender-identified individuals;
- seeking innovative methods based on research, best practices, and theory to improve conditions and contexts.

SIROW faculty, staff, and students, along with its partners, work locally, nationally, and globally to effect positive social change. Taking a holistic approach to well-being, SIROW's interdisciplinary and intersectional community-based research and action projects focus on addressing correlated and co-occurring social and public health issues in the areas of:

- health and wellness (e.g., relationship and sexual health, substance misuse, mental health, and homelessness);
- legal issues (e.g., adult and juvenile justice, legal advocacy, domestic violence, and immigration);
- education and employment (e.g., literacy, leadership, access, equity, and workforce development);
- women's history and the arts (e.g., representation of women, diversity of voices, and oral history).

SIROW's work is guided by its values of respect, collaboration, strength-based approaches, appreciation of diversity, investment in community, and passion for a more equitable world. Based on these values, SIROW shares its unique expertise in:

- research methodology;
- program design, implementation, and program evaluation;
- collaborative partnerships to increase community capacity, infrastructure, and advocacy;
- training, technical assistance, and workforce development.

For 2019, SIROW's vision, mission and goals 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 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 vision, mission and goals. 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 work; (2) partnerships with businesses 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 opportunities stemming from its regional network with institutions of higher education in the Southwest and the U.S.-Mexico border region.

As in past years, SIROW is not technically a teaching unit. Still, faculty and researchers contributed to teaching in many ways, including: presentations/teaching in classrooms, student forums, and symposiums; hiring and supervising graduate and undergraduate students on internal and externally-funded projects; serving on student committees; and providing independent study/internships and volunteer experience for students. In addition, SIROW researchers developed an *Applied Research in Health and Social Injustice* course to be offered via UArizona's School of Sociology's Care, Health & Society Bachelor of Science program and taught by SIROW researchers – which was approved in early 2019. SIROW's effort to engage students in participatory learning aligns with UArizona 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 – approximately 2.4 million in 2019. 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, technical reports, program-specific manuals, and film 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 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. In addition, SIROW partners with community agencies and SIROW's outreach, intervention, and evaluation work is sometimes facilitated at these community-based sites (e.g., *The Hermanas Building Confidence, Readiness, Empowerment, Action, Transformation and Employment for Women [Hermanas CREATE]* project that promotes social inclusion and well-being of chronically homeless women through a partnership with Sister José Women's Center).

III. 2019 SIROW Accomplishments:

SIROW's 2019 accomplishments were numerous and actualized within each of four pillars that are articulated in SIROW's 2019-2023 Strategic Plan. The four strategic pillars include:

Pillar 1: Advance projects to address social inequalities and group-based disparities.

Pillar 2: Promote SIROW as a premier innovative resource and research center.

Pillar 3: Contribute SIROW expertise as an innovative resource.

Pillar 4: Engage allies and build collaborative relationships.

Pillar 1: Advance projects to address social inequalities and group-based disparities

SIROW researchers oversaw numerous projects and programs that address social inequalities and group-based disparities. Many of these projects and programs include advocacy components, service delivery, program evaluation, and research to better understand the life circumstance of women, girls, sexual minorities, and people from race/ethnic minority groups. Moreover, much of SIROW's work addresses inequities experienced by low-income individuals and families, people who use drugs, are unstably-housed/homeless, involved in the adult and juvenile justice system, have reduced opportunities/greater burdens, and who may be health compromised.

Externally and internally-funded SIROW projects are listed in the Project Abstract section of this report. Many of these projects are ongoing and mostly supported by external funds. SIROW continues to broaden its funding base to include new public and governmental and private foundations. Projects that were newly funded in 2019 include:

1. University of Arizona Gender Based Violence Consortium Grant Program Evaluation
2. Women in STEM Student Council
3. Diving into Task Assignment Bias
4. Safe Haven: A program providing MAT, OUD assessment, assessment of co-occurring disorders, and recovery support services
5. Arizona AWARE (Advancing Wellness and Resiliency in Education)

6. Turning the Tide
7. Help and Hope for YOUth
8. Youth Homelessness Demonstration Project
9. PharmNet: Strengthening the Safety Net for Overdose and HIV/HCV Prevention through Indiana's Network of Pharmacies
10. Women in STEM Mentorship Program
11. Evaluation of Earth Conservation Internship Program
12. Examining Public Information Campaigns as a Strategy of Border Enforcement
13. 2020 Unsheltered Point in Time Count (Everyone Counts 2020)
14. Health Home Hope (H3) Project
15. Aging Successfully: Identifying and Characterizing the Needs of LGBTQ Older Adults Ages 55+ in Pima County (Tucson), Arizona
16. Comprehensive Evaluation of an Innovative Collaborative Response to the Opioid Epidemic

Pillar 2: Promote SIROW as a premier innovative resource and research center

During 2019, the SIROW Director, Associate Director, and lead researchers worked to standardize many of SIROW products and outputs as part of its holistic marketing strategy and for easy identification of its materials. As previously noted, SIROW researchers promote its work through numerous professional publications, professional and community presentations, workshop/trainings, webinars/podcasts, technical reports, email-news blasts, program-specific manuals, and film and videos. Notably, SIROW is frequently called upon to provide expertise either in person (orally) or through written technical reports and other written materials. SIROW's monthly community newsletter, *SIROW Voice*, reports on SIROW projects and keeps its community partners informed, while its twice annual *SIROW Regional Voice* highlights the work of Gender and Women's Studies programs and research institutes in the Southwest. This dissemination of resources and research findings contribute to SIROW's far-reaching presence and visibility.

To further increase SIROW's visibility, SIROW sponsorship and facilitation of the annual *Regional Gender and Women's Studies Summit Meeting* (April 11-12 in Tucson, AZ) allows SIROW to situate it as a premier resource and research center while also providing leadership for the region. This 2019 meeting was scheduled to coincide with SIROW's 40th anniversary celebration. The anniversary celebration was attended by over 100 people and provided an opportunity for SIROW to showcase its history, work, and impact. Attendees included in- and out-of-state guests, community and academic partners, and other individuals interested in networking and showing their appreciation of SIROW's contribution locally and beyond. Moreover, SIROW's sponsorship of the annual International Women's and Children's Health and Gender Group Conference (San Antonio, TX; June 14, 2019) and leadership on its Planning Committee demonstrates SIROW's visibility beyond the local community to the international level.

SIROW's reach was substantial from the local to the state, national and international levels. As evidenced in the project abstracts, multiple projects were located in different areas of the U.S. and/or had reach to individuals across the U.S. and a few had international reach as well.

Pillar 3: Contribute SIROW expertise as an innovative resource

SIROW is an innovative resource for UArizona faculty and students through involvement in classroom presentations, student forums, and symposiums; hiring and supervising graduate research assistants on state and externally funded projects; serving on student 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. An example of such a project is *WISE*'s program The Bio/Diversity Project. This project is a student engagement and professional development initiative focused on supporting STEM student persistence and workforce development in the environmental sciences (broadly understood). UArizona students have the opportunity to participate in a for-credit internship program where they gain professional skills by working collaboratively to develop and deliver culturally-responsive and place-based environmental science lessons in local schools.

As in previous years, SIROW provided funding for undergraduate and graduate students as well as staff positions for students. In particular, the *WISE* program offered internships during both spring and fall semesters and SIROW's collaboration with the UArizona's Honor College and other colleges continues with their students engaged in SIROW projects. External funding for students in staff positions was approximately close to 3 full-time staff (as calculated in October 2019).

SIROW's major areas of expertise include gender, health, family, sexuality, education, employment, adult and juvenile 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. SIROW is known for utilizing selected research methods that are typically driven by approaches congruent with the lives of women and under-represented groups such as feminist methods, participatory action research, decolonizing approaches, and social ecology. SIROW is a leader in program design using logic models that are driven by these theoretical perspectives and which help to guide the project goals and objectives and evaluation that is specific to the project design.

Being a premier research and resource institute, SIROW pays close attention to policy agendas and assisting and informing public, private, and University leaders with critical data and information to advance their decision making. As noted in the contribution of lead SIROW researchers in a later section of this report, lead SIROW researchers (and other staff) chair and/or serve on a number of committees and boards that have influence on communities.

Pillar 4: Engage allies and build collaborative relationships

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 UArizona colleges, departments within the College of Social and Behavioral Sciences, and other UArizona 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.

SIROW engages allies and builds collaborative relationships directly through its internally- and externally-funded projects and programs as well as through networks of individuals and agencies connected with members of SIROW's Community Advisory Board, the *WISE* Advisory Board, and through SIROW's Southwest Regional partners. Allies and collaborative relationships are sustained and continue to grow at the local, state, national, and international levels. Impressively, as reported in October 2019 academic year, SIROW documented 50 community agency collaborators, 5 other community collaborators (outside of Arizona), 39 UArizona department/college/unit partners, and 11 other university partners.

SIROW has two community-based research sites in Tucson: (1) SIROW Central (near Tucson Blvd and Broadway), and (2) Silverlake Park (near Park Ave and 34th Street). SIROW's ANCHOR community-based site for LGBTQSA individuals moved from the central Tucson area to a site south of Tucson (Silverlake Park) in June 2019 – a site that allowed for more outdoor space. This site continued to provide a number of services, supports, and resources as well as evaluation activities for this population. Both the SIROW Central and Silverlake Park sites are fully operational and provide easy access for participants, allies, and community-based partners. Most of the off-campus projects are collaborative with community partners and involve diverse populations.

On-campus projects and, specifically, programs offered through SIROW's *WISE* program provide unique collaborations with both University and community partners as well as UArizona students. Across all on- and off-campus SIROW projects, a diverse workforce assists in creating and maintaining existing partnerships. SIROW's workforce includes several classifications of personnel (faculty, academic professionals, classified staff, and students). A snapshot taken of SIROW personnel in October, 2019 included a total of 33 full and part-time employees (not including student interns, volunteers, consultants, or subcontracting agency staff). SIROW personnel vary in age, ethnicity, gender, sexual orientation, and other diversity indicators. As in previous years, retention of SIROW personnel was excellent.

IV. SIROW 2019 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 2019; \$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. 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); January 1, 2018 – May 31, 2018 (\$10,000); November 21, 2018 – June 30, 2019 (\$29,500).

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, to 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.

3. Mujer Saludable on the US-México 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 – July 31, 2019. \$30,000 (\$15,000 to SIROW).

The Mujer Saludable on the US-México 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.

4. Bridges to Wellness (B-Well)

Funded by SAMHSA – Center for Substance Abuse Prevention; September 30, 2016 - September 29, 2021. \$1,146,675. Supplemental funding awarded September 30, 2018 - September 29, 2019. \$25,000. Supplemental funding awarded September 30, 2019 - September 29, 2020. \$25,000.

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.

5. 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.

6. The Juvenile Justice Initiative – Reducing Burden and Increasing Opportunity

Funded by Vitalyst Health Foundation; April 1, 2017 – March 31, 2019. \$124,000; (\$48,000 to SIROW).

The Juvenile Justice Initiative – Reducing Burden and Increasing Opportunity is a collaboration between Arizona Legal, Women and Youth Services (ALWAYS), Children's Action Alliance, and SIROW. The project has two elements focused on juvenile court practices that allow for open hearings and fines and fees that are routinely imposed in juvenile court in excess of a juvenile's or their family's ability to pay. The project intends to: (1) scan national, state, and local resources to bring forward data and common sense best practices and solutions that support greater opportunity for juvenile justice involved youth; (2) utilize existing work groups and relationships with judicial leaders and policy makers to seek prioritization of innovation and change in the juvenile justice system; (3) connect with coalitions and networks that include youth and adults across political, socioeconomic, regional, and ethnic and racial lines to focus on creating change in the juvenile justice system that drives greater opportunity for economic independence and education for young people in Arizona; (4) educate coalition members and the public to create a better understanding of which youth are most adjudicated in the juvenile justice system, the wide disparity in offenses that youth are adjudicated for, the financial costs imposed on youth and families, and the long-term limitations that are created by these practices in Arizona; and (5) recommend specific legislative, policy, and practice changes, educate stakeholders and the public on the needed changes, and act as an accountability mechanism through the implementation of priority recommendations.

7. Sociopolitical Praxis in Environmental Science Education

Funded by the Agnese Nelms Haury Program in Environment and Social Justice via a Faculty Fellowship; August 2017-June 2019. \$76,000.

Sociopolitical Praxis in Environmental Science Education is a collaborative research project between SIROW, the UArizona-College of Education, and secondary school teachers in southern Arizona. This project aims to better understand how secondary school teachers develop and implement social justice-based approaches to science education in public school environments. Pre- and post-testing with secondary school students will assess how these pedagogical approaches affect science identity, motivation, and self-efficacy among students from low-income households and groups under-represented in the sciences (e.g., girls, Latina/o students). In doing so, this project will inform public policy regarding educational approaches that effectively contribute to diversifying the sciences and engineering throughout the educational pipeline and into the workforce. This project will directly impact 5-10 secondary school teachers in southern Arizona, as well as the hundreds of students they serve annually.

8. Spectrum: A Culturally-responsive, LGBTQ+ Affirming Continuum of HIV Prevention and Education Services, Expanded Substance Use and Co-occurring Disorder Treatment and a Myriad of Supportive Services

Funded by SAMHSA; October 1, 2017 - September 29, 2022. \$2,499,875.

The purpose of Spectrum is to provide HIV prevention and education services (including HIV and Hepatitis testing and counseling) and to expand and enhance substance use and co-occurring disorder screening, referral to treatment, and outreach and pretreatment services for LGBTQ+ identified youth and young adults (primarily ages 13-24) from elevated-risk multi-ethnic communities, primarily Latino, African American, and Native American. This project utilizes an existing collaboration including SIROW, the Southern Arizona AIDS Foundation (SAAF), and Devereux Advanced Behavioral Health (Devereux). The primary target population includes youth who might not be identified as having substance abuse and related behavioral health problems or receive needed interventions in culturally responsive ways. Spectrum will enhance and expand the continuum of services for participants. All participants will receive either the SIROW Health Education for Youth (SIROW HEY) curriculum or the SIROW Sexual Health Education-Queer (SIROW SHE-Q), facilitated by staff from the SAAF, Devereux, and SIROW.

9. The Hermanas Building Confidence, Readiness, Empowerment, Action, Transformation and Employment for Women (Hermanas CREATE)

Funded by the Agnese Nelms Haury Program in Environment and Social Justice, The UArizona, January, 2018 – December, 2019. \$102,550.

The Hermanas Building Confidence, Readiness, Empowerment, Action, Transformation and Employment for Women (Hermanas CREATE) project promotes social inclusion and well-being of chronically homeless women through an established partnership between Sister José Women's Center (SJWC) and the UArizona's Southwest Institute for Research on Women (UArizona-SIROW). SJWC tends to the care and nurture of homeless women in a welcoming and safe environment, where women receive direct services (e.g., food, clothing, a shower, shelter) to meet basic survival needs, and take respite from the challenges of homelessness and extreme poverty. Hermanas CREATE is a novel program of social justice that provides an income source for women as they begin the intense personal work of charting their path to a sustainable life through active participation. Hermanas CREATE also provides an opportunity for cohorts of women to work together to remove obstacles to entitled benefits, experience personal growth and build self-confidence, practice wellness and make healthy choices, all in a trusted and familiar environment that seeks to empower rather than extend dependence. This project seeks to: (1) increase understanding of needs and strengths of chronically homeless women in Tucson, Arizona, through a yearly community needs assessment; (2) inform about the complexity of the experiences, and needs and strengths of women by developing a gender-informed White Paper that will provide a community-wide

resource; and (3) implement Hermanas CREATE to expand SJWC services and programming as a forum for social justice.

10. The University of Arizona Girls Who Code and STEM Pipeline Mentorship Program

Funded by Women's Foundation of Southern Arizona – Silverman Small Grants Program and the UArizona College of Engineering, July, 2018 - June, 2019. \$2,500 and \$3,000, respectively.

The *University of Arizona Girls Who Code Club* aims to foster skill development and interest among girls in computer science and technology while addressing the gender gap in computer science and technology by providing targeted programming for 8th-12th grade girls. This club meets once a week for two hours on the UArizona campus. Club meetings combine skills-building and relationship-building activities. Participants learn core computer science skills, as well as building relationships with each other and the program facilitators (UArizona undergraduate students). Club members work collaboratively to design and carry out a community impact project using the skills they have developed. This club is a collaboration with the UArizona Libraries and utilizes the curriculum and program structure of the national organization, Girls Who Code.

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

Funded by the UArizona Green Fund, July, 2018 - June, 2020. \$95,020.

The Bio/Diversity Project: Fostering Interest and Diversity in Environmental Science through the Lens of Biodiversity, is a collaboration between the UArizona 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 increase 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 strengthen 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.

12. Women in STEM Panel Series

Funded by the UArizona College of Engineering and the UArizona Commission on the Status of Women, July, 2018 - June, 2019. \$3,000 and \$1,200, respectively.

Women face unique challenges in STEM field where they are under-represented. This panel series provides an opportunity for successful women in STEM fields to share their knowledge and experience with young women interested in and/or pursuing STEM fields. Monthly panels focus on a specific theme and provide opportunities for successful women in STEM to share their experience and informally network with attendees.

13. Sexual Violence Education Project

Funded by Arizona Department of Health Services, August, 2018 – January, 2019. \$10,000.

The Sexual Violence Education Project aims to expand sexual violence prevention efforts among Native American and Latino youth ages 13-17 in Southern Arizona. The goals of the project include developing a four-session sexual violence education curriculum and delivering the curriculum to 30-50 youth. The curriculum will be adapted from an existing program to ensure cultural responsiveness and relevance in today's sexual violence prevention landscape and will include the following topics: (1) introduction to sexual violence; (2) power and gender; (3) myths and realities; and (4) bystander intervention and the cycle of change. Expected outcomes include that project participants will report an increase in sexual violence knowledge, a shift in attitudes away from those that harm survivors and protect perpetrators, and an increase in personal empowerment.

14. U-MATTER (Unified Medication Assisted Treatment Targeted Engagement Response)

Funded by SAMHSA; September 30, 2018 – September 29, 2021. \$1,475,316 (\$278,067 SIROW subcontract from Pima County).

U-MATTER (Unified Medication Assisted Treatment Targeted Engagement Response) project is a coordinated effort of Pima County, Tucson Police Department, CODAC Health, Recovery, and Wellness, Inc. (CODAC), Pretrial Services of Arizona Superior Court in Pima County, and SIROW. It is focused on identifying, engaging, and retaining individuals with opioid use disorder in comprehensive medication assisted treatment and recovery support services and facilitating these individuals' long-term recovery. U-MATTER will enhance and expand access to medication assisted treatment services for adults in Pima County, AZ with an opioid use disorder by increasing capacity and infrastructure to 1) identify and connect adults with opioid use disorder who are appropriate for medication assisted treatment to existing comprehensive medication assisted treatment and related recovery support services; and 2) provide ongoing peer support in the community to support retention and re-engagement in medication assisted treatment. To reach these goals, U-MATTER will implement a law enforcement/ behavioral health co-located co-responder model to expand community outreach, screening, assessment, and active linkage to comprehensive medication assisted treatment and recovery support services.

15. Project Lifeline

Funded by SAMHSA; September 30, 2018 – September 29, 2021. \$306,000 (\$60,951 to SIROW and UArizona-SIROW match = \$41,319).

Project Lifeline is a comprehensive suicide prevention strategy to reduce the incidence of suicide, suicide attempts, and their related risk factors such as alcohol and other drug (AOD) misuse/abuse among students at the UArizona with a special emphasis on high-risk student populations, such as LGBTQ students and veterans. In collaboration with a wide variety of campus and community partners, UArizona Campus Health Services' and SIROW's Project Lifeline will address the following objectives: (1) Increase collaboration among campus departments and the Tucson community to address student mental and behavioral health needs; (2) Increase knowledge and willingness of students and campus personnel (gatekeepers) to respond effectively to students with mental health and behavioral health problems that can lead to school failure, such as depression, substance abuse, and suicidal thoughts and attempts; (3) Increase students who are screened and assessed for mental health and substance use disorders; (4) Increase awareness of campus and community resources that can identify, assess, and treat mental health and behavioral health problems; (5) Increase help seeking for mental health and behavioral health

problems; (6) Decrease suicide attempts and related risk factors; and (7) Institutionalize effective program components and disseminate information at local, state, and national levels.

16. The Lighthouse Project

Funded by the SAMHSA; September, 2018 - September, 2023. \$1,999,950. Supplemental funding awarded September 30, 2018 - September 29, 2019. \$10,000. Supplemental funding awarded September 30, 2019 - September 29, 2020. \$10,000.

The Lighthouse Project is designed to link homeless, transitional age youth and young adults who identify as Lesbian, Gay, Bisexual, Transgender and Questioning and their Straight Allies (LGBTQ+) 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. The UArizona-Southwest Institute for Research on Women (SIROW), the Southern Arizona AIDS Foundation (SAAF), and CODAC Health, Recovery and Wellness, Inc. will partner to serve LGBTQ+-identified, transitional age youth and young adults, including those who are veterans, in Southern Arizona, from diverse racial/ethnic backgrounds, with a specific focus on those between the ages of 18 and 35 who are chronically homeless. The goals of this project are: (1) to provide ongoing outreach to a minimum of 300 individuals annually and screening to a minimum of 100 LGBTQ+ homeless young adults each year; (2) to annually enroll 60 individuals into needs-based, trauma-informed services, including case management, mental health and substance abuse treatment and recovery support services; (3) to 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+; and (4) to evaluate all project activities to examine the impact of the intervention for participants and the longitudinal improvements to the System of Care.

17. Dragonfly Community Center Supportive Services for Homeless Individuals and Families

Funded by SAMHSA, November, 2018 - November, 2023. \$2,000,000 (\$384,984 SIROW subcontract from Amity Foundation).

The Dragonfly Community Center Supportive Services for Homeless Individuals and Families is a collaboration between Amity Foundation and SIROW with Amity Foundation's Dragonfly program providing services and SIROW serving as the external evaluator for the overall project. The project aims to serve homeless individuals living in or referred to our transitional housing community. The project's overarching goal is to expand Intensive Outpatient Substance Abuse Treatment services to serve more homeless individuals and families in Pima County, Arizona. A total of 350 adult individuals will be enrolled in the project over the 5-year grant period. The evidenced-based practices embedded within an array of services include (1) Modified Therapeutic Community for Persons with Co-Occurring Disorders, (2) Seeking Safety to address trauma, and (3) Strength-based Case Management to assist with providing helpful and appropriate services. Evaluation activities include obtaining baseline and six-month follow-up assessments from enrolled participants, data feedback meetings to improve participant services, and dissemination of findings more broadly.

18. University of Arizona Gender Based Violence Consortium Grant Program Evaluation

Funded by UArizona Gender Based Violence Consortium, January, 2019 – January, 2020. \$65,297.

The mission of UArizona Gender Based Violence Consortium is to bring together interdisciplinary, cutting-edge interventions on gender-based violence in order to foster synergy between research,

pedagogy, outreach, service, and student engagement both on and off campus. The Consortium serves as a research and resource center for UArizona faculty, students, and staff by providing seed funding for innovative research and programming, building partnerships on and off-campus to develop, implement, and evaluate science-based interventions to address gender-based violence and by providing academic opportunities and resources for students, faculty, and staff. SIROW provides support to the consortium by providing evaluation support to the Innovation Award grantees by assisting in innovative evaluation design, data dissemination strategies, and developing future projects.

19. Women in STEM Student Council

Funded by UArizona Office of the Provost, January, 2019 - December, 2020. \$150,000.

The Women in STEM Student Council (WiSSC) is a university-wide initiative coordinated by SIROW's WISE program. This initiative aims to provide communication and coherence amongst existing student groups, STEM departments, and campus administrators committed to fostering more diverse and inclusive STEM environments on campus. WiSSC will work with university administration at several levels (including key Colleges) to create programming geared at retaining graduate and undergraduate women in STEM fields, set university-wide priorities, inform policy, and identify areas of need. The Council will also help coordinate common efforts among departments in areas of retention, recruitment, outreach, mentoring, and support for women in STEM fields.

20. Diving into Task Assignment Bias

Funded by the Engineering Information Foundation, January, 2019 - December 2020. \$13,500.

Diving Into Task Assignment Bias is a program intervention and evaluation project aimed at reducing gender-based disparities in program outcomes for the Marine Advanced Technology Education Remotely Operated Underwater Vehicle (MATE ROV) program. Project partners will train team coaches on utilizing asset-mapping based approaches to reduce task-assignment bias and foster more equitable group dynamics. Team coaches will then implement these strategies with the project teams. Program evaluation will assess fidelity to the program models, challenges related to implementation, and impact on gender-based outcomes among team participants.

21. Safe Haven: A Program Providing MAT, OUD Assessment, Assessment of Co-occurring Disorders, and Recovery Support Services

Funded by SAMHSA, February, 2019 – February, 2022. \$1,557,104 (\$201,394 SIROW subcontract from Caring Health Center, Springfield, MA).

The overall purpose of Safe Haven is to enhance and expand access to medication-assisted treatment (MAT) services for adults with an opioid use disorder (OUD) seeking or receiving MAT in Springfield, MA. Safe Haven will increase capacity and infrastructure to provide MAT and recovery support services to adults with OUD seeking or receiving MAT, including to those of historically underserved groups, with an emphasis on Hispanic individuals including Spanish-speaking refugees and first-generation immigrants. Safe Haven will also work to improve adult well-being, decrease opioid misuse and related risk behavior, and promote retention in services by providing comprehensive, evidence-based MAT and recovery support services to adults with OUD seeking or receiving MAT, with an emphasis on Hispanic individuals. The Safe Haven project team will utilize ongoing monitoring and evaluation to inform ongoing quality improvement and to assess impact of the project on behavioral health disparities related to access, engagement, and retention in MAT; health-related treatment and services; substance use;

mental health, as well as related outcomes, such as vocational engagement or development of social networks.

22. Arizona AWARE (Advancing Wellness and Resiliency in Education)

Funded by SAMHSA, September, 2018 – September, 2023. \$9,000,000 (SIROW subcontract for April, 2019 – September, 2019 is \$20,395).

Arizona AWARE is a 5 year school-based program to build and expand the capacity of the Arizona Department of Education, in partnership with Arizona's State mental health agency, to (1) increase awareness of mental health issues among school-aged children; (2) provide training for school personnel and other adults who interact with school-aged youth to detect and respond to mental health issues; and (3) connect school-aged youth, who may be having behavioral health issues (including serious emotional disturbance or serious mental illness), and their families to services. The Arizona Department of Education partners with three school districts including; (1) Pinon (1135 students); (2) Glendale (13,353 students); and (3) Sunnyside (16,296 students). The total number of school-aged youth served across the three school districts during the 5-year grant period is estimated to be 11,000, the number of school staff is 2,500, and the number of community partners is estimated to be 110. UArizona-SIROW developed a mixed-method program evaluation inclusive of both a process and outcome evaluations.

23. Turning the Tide

Funded by SAMHSA, May, 2019 – September, 2022. \$2.5 million (\$188,358 SIROW subcontract from Terros Health, Inc.).

Terros Health Inc.'s Turning the Tide (T3) serves Hispanic/Latino and African American males ages 18-24 who are at high risk of HIV. Services are provided throughout Maricopa County, Arizona and will include outreach, testing, community education about substance use, and HIV prevention and the delivery of Many Men, Many Voices (3MV). T3 also promotes increased coordination among providers to facilitate access to services and resources. Infection will be reduced by increasing knowledge about prevention and testing. Access to care is increased through coordinated and strategic internal and external procedures and increase advocacy related to health disparities. T3 contributes to the Coordinated National Response through strengthening relationships at the community, county, and state level. Activities include completion of a community needs assessment, outreach to engage individuals in testing, community education workshops about the relationship between substance use and HIV, information sharing at community events, and the delivery of the evidence-based curriculum, Many Men, Many Voices. SIROW conducts the evaluation for the T3 project.

24. Help and Hope for YOUth

Funded by the Dave and Laura Lovell Foundation, July, 2019 – June, 2020. \$621,168 (\$141,750 SIROW subcontract from National Alliance for Mental Illness – Southern Arizona, NAMI-SA).

National Alliance for Mental Illness-Southern Arizona (NAMI-SA) has been funded to conduct the Arizona School-Based Mental Illness Stigma Reduction Initiative--Help and Hope for YOUth. Funding will enable NAMI-SA to: (1) recruit members of a Mental Health Education Alliance; (2) work with the Alliance to assess the best strategy to promote mental health education and reduce stigma in all Arizona schools; (3) increase the number of middle and high school presentations of the signature NAMI program, Ending the Silence. UArizona-SIROW will organize and facilitate the evaluation of all project activities

which include creating and delivering a comprehensive evaluation plan, analyzing the results, preparing the necessary reporting documents, and presenting it to stakeholders.

25. Youth Homelessness Demonstration Project

Funded by the Department of Housing and Urban Development, July, 2019 – June, 2020. \$694,534 (\$111,416 SIROW subcontract from the City of Tucson/Tucson-Pima Collaboration to End Homelessness).

The SIROW Youth Homelessness Demonstration Project (YHDP) serves the Tucson Pima Collaboration to End Homelessness, which includes non-profit agencies, government entities, businesses, and community members experiencing homelessness. The project focuses on youth homelessness with significant coordination and support to the TPCCH Collaborative Applicant, Youth Action Committee, Homeless Youth Subcommittee, and youth-serving entities. This project contributes to the planning requirements of the FY 2019 YHDP planning grant including the development and implementation of a coordinated community plan to prevent and end youth homelessness and participation in the A Way Home America Grand Challenge initiative with key aims of: (1) increasing youth voice and leadership within the local youth homelessness response system, and (2) improving equity and opportunity as it is experienced by youth of color and LGBTQ+ youth. SIROW's role on the project is to provide administrative leadership and staffing to the Tucson/Pima County YHDP/AWHA Grand Challenge, participating in YHDP Operations Team and all YHDP initiatives, and to ensure timely completion of all activities outlined in the YHDP Coordinated Community Plan to Prevent and End Youth Homelessness and the AWHA Grand Challenge Aims.

The LGBTQ+ Equity Project is a subcomponent of YHDP. It strives to advance LGBTQ+ equity through individual, organizational, and systems-level change by providing education and tools to enhance providers' capacity to serve and meet the needs of LGBTQ+ young people. The first phase of the project consisted of the development of eight pre-recorded training modules and a Companion Resource and Reflection Guide. During the second phase of the project, SIROW will provide technical assistance to four community organizations and their staff through live training sessions. The goal of the training sessions is for employees across all sectors of the organization to enhance their skills and confidence providing affirming care to LGBTQ+ clients through in-depth analysis, reflection, and discussion of the module content.

Racial Equity in Housing is a subcomponent of YHDP. The goal of this component of the initiative was to provide a racial equity plan to encourage organizations to begin actively rejecting the role that racial, ethnic, and cultural discrimination may play in their organizations. To accomplish this task, we identified six local leaders who are committed to racial justice and who work in a multitude of capacities to actively address structural inequalities. In partnership with one another, these leaders utilized their lived experiences and expertise on local social service organizations to examine the various ways in which White supremacy continues to permeate social service organizations and to develop a call-to-action for community-based organizations that provides strategies to begin to dismantle some of these systems, policies and practices.

26. PharmNet: Strengthening the Safety Net for Overdose and HIV/HCV Prevention through Indiana's Network of Pharmacies

Funded by Indiana University, August, 2019 – June, 2021. \$59,525.

PharmNet is a randomized cluster study to test a pharmacy-based intervention to reduce opioid misuse and overdose among pharmacy patients in Indiana. The project is based on years of feasibility research

conducted by Meyerson and her team at Indiana University Rural Center for AIDS/STD Prevention (prior to coming to UArizona in 2019). The project is a partnership with Indiana community harm reduction partner Indiana Recovery Alliance, local pharmacies and the Indiana Pharmacists Association. PharmNet is a multi-component intervention involving patient-driven opioid misuse and syringe use risk screening at the pharmacy, pharmacy consultation and service provision which may involve naloxone and syringe dispensing, and referral to community services for addiction treatment, health screening for HIV and HCV, and other services as required.

27. Women in STEM Mentorship Program

Funded by Microsoft – Community Impact Grants Program, September, 2019 – May, 2020. \$5,000.

The Women in STEM Mentorship Program is a collaborative effort of WISE and the Women in STEM Student Council. Graduate and undergraduate student (mentees) are matched with faculty, staff, and industry associates (mentors) based on their goals, career interests, and background. The mentor/mentee pairs meet once a month at their convenience to have conversations regarding their STEM trajectory. The mentorship program provides a platform for networking and fostering community between women in STEM at the UArizona. The mentorship program includes mentor training, mentor/mentee socials, opportunities for peer mentoring, and professional development. The program takes a holistic approach to the mentorship process valuing not only a student's STEM experiences, but also their entire background and identity as a whole. This program aims to foster the retention and success of female STEM students by building confidence, fostering resilience, and creating a network of individuals committed to supporting the success of women in STEM.

28. Evaluation of Earth Conservation Internship Program

Funded by the National Forest Foundation, September, 2019 – June, 2020 (\$2,500); September 2020 – June 2021 (\$3,000); September 2021- June 2022 (\$5,000) (SIROW subcontract from Arizona-Sonora Desert Museum and National Forest Foundation).

The Earth Conservation Internship program is a 3-day experiential education program for high school students in the Tucson metro area. Through this program, staff from the Arizona-Sonora Desert Museum, National Forest, and Arizona Conservation Corp engage youth in a range of activities related to environmental science topics and careers and outdoor recreation. WISE conducts the evaluation of program activities in order to assess the degree to which participation in the program influences science identity, motivation, and self-efficacy; interest in environmental careers and pathways; environmental attitudes; and knowledge of and interest in lead organizations (Arizona-Sonora Desert Museum, National Forest, Arizona Conservation Corp). The 2020-21 activities are conducted in a hybrid (virtual/in-person) modality; program evaluation also assesses the degree to which this modality is successful as compared to the traditional in-person program.

29. Examining Public Information Campaigns as a Strategy of Border Enforcement

Funded by the National Science Foundation – Geography and Spatial Sciences, September, 2019 – October, 2022. \$393,408.

This project examines the development, implementation, and geography of public information campaigns (PICs) as a strategy of border enforcement. Managing the transnational flow of people is one of the greatest challenges facing nation-states in the 21st century, requiring governments to negotiate complex issues of sovereignty, national security, and human safety and wellbeing. PICs present a potentially promising approach to regulating transnational mobility as they are often less expensive and easier to implement than traditional enforcement strategies. However, little is known about the use of PICs as a

strategy of border enforcement. This project contributes to research in the field of political geography by producing new empirical data on an under-examined enforcement mechanism, while also contributing to theoretical understandings of how nation-states govern. The findings from this project will have implications for national security, ensuring that border enforcement efforts are effective, economically efficient, and safe. The dissemination plan, including a publicly available website and StoryMap, will enable public engagement and science communication while also providing easily accessible information for migration research and education. Engagement of graduate research assistants within the project team will also promote the development and training of a diverse and competitive workforce in the geographical sciences.

30. Unsheltered Point in Time Count (Everyone Counts)

Funded by the City of Tucson; October 1, 2019 – June 30, 2020 (\$7,500); April 1, 2021 – June 30, 2022 (\$20,000).

This purpose of this project is to conduct the annual unsheltered Point in Time Count of people experiencing homelessness in Pima County. The goals of this project are to: a) meet HUD compliance requirements related to annual enumeration of people experiencing homelessness during the last 10 days of January, and b) gather data regarding the prevalence and characteristics of unsheltered homelessness in Pima County for the purposes of informing local planning and funding.

31. Health Home Hope (H3) Project

Funded by SAMHSA; November, 2019 – November, 2023. \$2.5 million (\$141,750 SIROW subcontract from El Rio Health).

The purpose of the Health Home Hope (H3) Project is to end the cycle of homelessness for households currently experiencing long term unsheltered homelessness in Tucson and Pima County through the expansion, integration, and coordination of local community behavioral health, physical health and housing support systems. H3 provides behavioral health and other recovery-oriented services to those experiencing long-term unsheltered homelessness through: (1) intensive street outreach; (2) navigation designed to rapidly connect individuals with substance use disorder and or co-occurring disorders to mainstream treatment and recovery services including Medication Assisted Treatment (MAT); and (3) coordinate housing and services that support sustained recovery and wellness within permanent housing. The population of focus is unsheltered homeless households in Pima County experiencing substance use disorders and chronic health conditions, including single adults, youth and families. SIROW conducts evaluation for this project.

32. Aging Successfully: Identifying and Characterizing the Needs of LGBTQ Older Adults Ages 55+ in Pima County (Tucson), Arizona

Funded by the Community Foundation of Southern Arizona, Jack Challem Legacy Fund November, 2019 – December, 2020. \$21,000 (\$14,300 to SIROW).

Aging Successfully is a community-based, cross-sectional survey of LGBTQ populations in Pima County who are 55 years of age and older. Southern Arizona Pride and the Pima Council on Aging formed a collaboration with the UArizona Institute for LGBT Studies (iLGBTS) for the expertise and technical resources needed to conduct a formal assessment of the needs of older LGBT adults in Pima County for these and other services. A community based, cross-sectional survey will be fielded in 2020 with focus on several quality of life domains. A Steering Committee comprised of community and academic representatives guides the project. This is the first such assessment among LGBTs populations 55+ in Southern Arizona and will lay the foundation for others to follow.

33. Comprehensive Evaluation of an Innovative Collaborative Response to the Opioid Epidemic

Funded by Arnold Ventures, December, 2019 – September, 2022. \$547,830.

This project examines the feasibility, acceptability, implementation, and effectiveness of an innovative law enforcement/behavioral health peer support co-responder deflection model to address misuse of opioids and other substances—the Deflection Program. The Deflection Program aims to expand access to substance use treatment, including medication-assisted treatment (MAT) for people with opioid use disorder (OUD), by 1) identifying and connecting adults with substance use disorders (SUDs) to appropriate treatment and 2) providing ongoing peer support in the community to support retention and re-engagement in MAT. Under the Deflection Program, police officers and co-responding peer support specialists identify and connect individuals with substance use problems who are willing to consider treatment to a treatment provider in lieu of arresting them. Clinic staff assess and enroll the individuals in appropriate evidence-based treatment. This research project assesses feasibility and acceptability of the Deflection Program in terms of support for the program among police officers, behavioral health staff, and community members, as well as amount of outreach efforts, number of deflections, and number of people engaged and retained in substance use treatment. We examine implementation of the Deflection Program via an evaluation of how partners collaborate to implement the program. Utilizing a rigorous research design, we also examine the effectiveness and cost effectiveness of the Deflection Program in addressing substance use and related problems, including criminal activity and opioid-related overdoses and deaths. This research project advances the fields of law enforcement and behavioral health, inform policy change, and advance the fight against the opioid epidemic.

V. SIROW 2019 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, and mathematics (STEM) by providing a number of community and campus outreach programs. While most of WISE's work is supported by external grants and donations, internal funding during 2019 helped support Girls Who Code. Girls Who Code provides free a weekly coding class to girls in grades 6-12 facilitated by university-level students. Additionally, internal funding was used to supplement grant funding for The Bio/Diversity Project, a WISE environmental-science focused outreach and student engagement program. The WISE Director and staff also offer trainings and presentations across campus to support inclusive teaching practices and the success of students from groups historically marginalized in STEM. For example, WISE provides annual training as part of the College of Science Teaching Assistant Training program. Additionally, liaisons from UArizona 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 of the WISE Director's salary is provided by the UArizona College of Social and Behavioral Sciences and College of Science with additional support for WISE programs contributed annually by UArizona STEM Colleges and Departments including the Colleges of Engineering, Science, and Agriculture and Life Sciences. The majority of WISE operational costs annually are secured through internal and external grants and donations (individual and corporate). External and internal grants and donations also support WISE activities as well as student scholarships and awards.

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

This project began with a one-year Arizona Humanities Council and 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 of women's writing produced or elaborated through monthly meeting support and workshops that bring professional writers in to teach and facilitate the workshop activity.

3. Personal Empowerment in Adult Relationships (PEAR)

PEAR is a Workshop Curriculum project for Spanish-speaking Mexican national women detained in the Tucson sector of the Arizona Federal Bureau of Prisons (BOP). The BOP is highly concerned with the nature of women's relationships for two motives. First, the majority of women incarcerated in BOP are there largely due to their relationships with male partners (a finding often cited by prison wardens and staff). Second, women's relationships in prison fall under the purview of the Prison Rape Elimination Act (PREA), a federal mandate to reduce and, thereby, eliminate sexual violence or sexual coercion by prison staff or other inmates. Preliminary findings of a 2018-2019 pilot indicate that incarcerated women often look forward to learning opportunities and welcome a break from the monotony of the prison routine, and their own thoughts to participate in classes or workshops. Participating women receive certificates of participation submitted to the court via the women's respective attorney, as evidence of commitment to self-improvement. Because of the much smaller female prison population size compared to that of the male population, there are limited class offerings for women. Findings also reveal the extent of women's remorse for the actions that led them to prison, and concern as to how the incarceration and their absence as mothers affects their children and impacts respective family living in their home community. The women participating in the pilot were further distanced from their families by geography, as at least 90% were Mexican nationals. The burden of the women's actions leading to incarceration was emotional and, not surprisingly, relational, having to do with caring within relationships.

4. Harm Reduction Attitude and Practices among Arizona Pharmacists

This SIROW funded project (August, 2019 – October 2020) is a harm reduction attitude and practices statewide survey directed toward managing pharmacists in Arizona community pharmacies (chain, independent, food store, mass merchandiser) to assess current attitudes and pharmacy practices related to selected harm reduction topics: naloxone stocking and dispensing, syringe dispensing, PrEP consultation and dispensing, view of current pharmacy laws related to opioid use reduction, perception of pharmacy role in the opioid crisis, and feasibility of a multi-component pharmacy-based intervention to improve community health. Findings from the study will inform the development of multi-level pharmacy/community-based harm reduction interventions.

5. State Syringe Sale and Possession Policy in the Southwest

State Syringe Sale and Possession Policy in the Southwest (September, 2019 – March 2020) is a law review study to identify and characterize state law and pharmacy policy in AZ, NM, CO, TX and CA focused on the sale of syringes in pharmacies. This is a study to form the basis for future NIH proposals to show the level of need for this research.

6. Substance Use Disorder Treatment Center Policy Architecture

This SIROW funded project (December, 2019 – June, 2020) is a legal studies project with national scope to identify and characterize U.S. state laws governing addiction treatment centers. The data gathered from

this project will form the basis for an NIH proposal submission in 2022 or 2023 following the completion of Meyerson's MOUD research project (MAPI2).

VI. Scholarly Publications – 2019 Published

Godley, M. D., Passetti, L. L., Hunter, B. D., Greene, A., & White, W. L. (2019, March). A randomized trial of volunteer recovery support for adolescents (VRSA) following residential treatment discharge. *Journal of Substance Abuse Treatment*, 98, 15-25.

Luibheid, E. P., Andrade, R. A., & Stevens, S. J. (2019). Intimate attachments and migrant deportability: Lessons from undocumented mothers seeking benefits for citizen children. In *Migrant Mothers' Creative Challenges to Racialized Citizenship* (pp. 17–35). London: Routledge.

Passetti, L. L., Godley, M. D., Greene, A., & White, W. L. (2019). The Volunteer Recovery Support for Adolescents (VRSA) experiment: Recruiting, retaining, training, and supervising volunteers to implement recovery monitoring and support services. *Journal of Substance Abuse Treatment*, 98, 1-8.

Salerno, E. V., Andrade, R. A., Miker, M., & Anaya, M. (2019). Developing a CBPR-based, Binational collaboration to address reproductive health on the U.S.-Mexico border. *Global Health: Science and Practice*, 13.3, 265–271.

Salerno Valdez, E., Korchmaros, J., Sabo, S., Garcia, D.O., Carvajal, S., & Stevens, S. (2019). How the U.S.-Mexico border influences adolescent substance use: Youth participatory action research using photovoice. *International Journal of Drug Policy*, <https://doi.org/10.1016/j.drugpo.2019.07.011>

Salerno Valdez, E., Skobic, I., Valdez, L., Garcia, D.O., Korchmaros, J., Stevens, S., Sabo, S., & Carvajal, S. (2019). Youth participatory action research for youth substance use prevention: A systematic review. *Substance Use & Misuse*. <https://doi.org/10.1080/10826084.2019.1668014>

Shaw, S. J., Korchmaros, J. D., Huebner Torres, C., Totman, M. S., & Lee, J. K. (2019). The RxHL Study: Community responsive research to explore barriers to medication adherence. *Health Education Research*, 34, 556-568.

Williams, J. M. (2019). Invited Commentary for Forum on Deborah Dixon's Feminist Geopolitics: Material States. *Political Geography*, 73: 161-167.

VII. Selected Other Products - 2019:

Brinley, C., & Korchmaros, J. D. (2019, August). Project Lifeline: QPR Training Evaluation Findings. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ.

Korchmaros, J. (2019, October). Tucson Police Department Deflection Program Brief Report. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ.

Korchmaros, J. D. (2019, May). Tucson Police Department Deflection Program: 6 Month Evaluation Findings. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ

Korchmaros, J. D. (2019, January). U-MATTER Summary of Outreach Activities. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ.

Korchmaros, J., & Bentele, K. (2019, September). Safe Haven: Behavioral Health MAT Team Focus

Group Report. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ

Murphy, S. (2019). UA Survivor Advocacy Needs Assessment Survey Report. The University of Arizona, Southwest Institute for Research on Women: Tucson AZ.

Murphy, S. (2019). Creating Inclusive Classrooms. The University of Arizona, College of Science Teaching Assistant Training: Tucson, AZ.

Murphy, S. & Williams, J.M. (2019). The Status of Women in STEM at the University of Arizona. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ.
https://wise.arizona.edu/sites/default/files/2019_Women_In_STEM_Report.pdf

Powell, C. Moody, J., & Peery, D. (2019, October) Leveraging our resources: Introducing the National Healthcare for Homeless Council African-American Affinity Group. National Healthcare for the Homeless Council, Leadership Summit: Nashville, TN. Invited.

Powell, C. Stevens, S., Korchmaros, J.D. & Ellasante, I. (2019) A Global Perspective on LGBTQ+ Substance Use, Treatment, and Gaps in Research. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ.

Stevens, S. (2019, April). Southern Arizona Anti-Trafficking United Response Network Evaluation Findings: Final Evaluation Report. The University of Arizona, Southwest Institute for Research on Women: Tucson AZ.

Stevens, S. Davis, M., Sargus, T., Black, C., Andrade, R., & Murphy, S. (2019, March). Women in the Arizona Department of Transportation Workforce Final Report. The University of Arizona, Southwest Institute for Research on Women: Tucson, AZ.

Stevens, S. Davis, M., Sargus, T., Black, C., Andrade, R., & Murphy, S. (2019). Women in the ADOT Workforce Streamlined Report: SPR743. Arizona Department of Transportation: Phoenix, AZ.

Stevens, S. Davis, M., Sargus, T., Black, C., Andrade, R., & Murphy, S. (2019). Women in the ADOT Workforce Extended Report. Arizona Department of Transportation: Phoenix, AZ.

Waters, C. (2019, October). Re-invent Uour Slides: How to Build Presentations that Support Learning and Enhance Engagement. Training. The University of Arizona, Southwest Institute for Research on Women/Gender and Women's Studies Professional Development Series: Tucson,AZ.

VII. Professional Presentations 2019:

** Not included are University unit presentations, University classroom presentations, community presentations/trainings and other dissemination activities given the large number of these activities. See individual vitas for additional information. Selected entries only.*

Brady, J., Korchmaros, J. D., & Oñate, L. (2019). Treatment and law enforcement: A collaborative approach to combat the opioid epidemic. Winter Institute: Public Safety and Behavioral Conference, Phoenix, AZ., February, 2019.

Brady, J., Ramos, M., Barden, D., & Oñate, L., & Korchmaros, J. D. (2019). Treatment and law enforcement: A collaborative approach to combat the opioid epidemic. American Society of Addiction Medicine Annual Conference, Orlando, FL., April, 2019.

- Brinley, C. & Serrano, R.L. (2019). Stand up/stand by: Addressing youth health disparities across the spectrum. Let's Get Better Together. Annual Conference. Phoenix, AZ., February, 2019. Submitted.
- Davis, M., Korchmaros, J., & Sargus, T. (2019). Implementing sexual health in non-traditional settings: What could possibly go wrong? Southwest Institute for Research on Women/Gender and Women's Studies Presentation Series, Tucson, AZ., July, 2019.
- Davis, M., Preston-Haynes, F., & Greene, A. (2019). Implementing and integrating sexual health interventions in non-traditional settings. Poster. National Sexual Health Conference, Chicago, IL., July, 2019.
- Dutta, T., Meyerson, B.E., Barnes, P. Agle, J.D., Sherwood-Laughlin, C., & Nicholson-Crotty, J. (2019). Decision makers' conceptualization and fostering of community engagement for improved adoption and uptake of existing and emerging vaccines in India. Poster. American Public Health Association Annual Meeting and Expo, Philadelphia, PA., November, 2019.
- Fowler, S., & Waters, C. (2019). Reducing housing inequities for LGBTQ+ communities: Building your allyship toolbox. 26th Annual Arizona Housing Coalition Conference, Phoenix, AZ., October, 2019.
- Greene, A. & Davis, M. (2019) Strategies for integrating HIV prevention into non-traditional settings for adolescents. United States Conference on AIDS, Washington, D.C., September, 2019.
- Korchmaros, J. (2019). Considerations when evaluating community-focused programs to improve program performance and examine program outcomes. University of Arizona, Native American Research and Training Center Annual Spring Training Conference, Tucson, AZ., February, 2019.
- Korchmaros, J. (2019). Evaluation of the impact of a collaborative approach to address the opioid epidemic in Pima County. Motivational Interviewing: An Approach for Public Safety & Criminal Justice Training, Tucson, AZ., December, 2019.
- Korchmaros, J. D., Stropka, E., & Oñate, L. (2019). Law enforcement, treatment, research: A collaborative approach to combat the opioid epidemic. National Association of Drug Court Professionals Annual Training Conference, National Harbor, MD., July, 2019.
- Powell, C., & Brinley, C. (2019). Leveraging our resources: Introducing the National healthcare for Homeless Council African American Affinity Group. National Healthcare for the Homeless Council Leadership Summit, Nashville, TN., October, 4, 2019. Invited.
- Sargus, T., & Stevens, S. (2019). Juvenile justice initiative project: Improving policies and practices for system-involved youth and families. 21st National Conference on Child Abuse and Neglect, Washington D.C., April 24-26, 2019. Submitted.
- Shaw, S. J., Lee, J. K., Huebner Torres, C., Totman, M., & Korchmaros, J. (2019). "We just live and raise our kids and take pills": Chronic disease medications in everyday life. UMass Amherst, Amherst, MA., December, 2019.
- Stevens, S. (2019). Special populations: Addressing substance use and treatment for Native American women and LGBTQ+. 11th International Women's and Children's Health and Gender Group Conference, San Antonio, TX., June 14, 2019. Invited.

Stevens, S. & Black, C. (2019). Addressing sex and labor trafficking: Coalition building and best practices. 24th International Summit on Violence, Abuse & Trauma Across the Lifespan, San Diego, CA., September 5-8, 2019. Submitted.

Stevens, S., & Black, C. (2019). Service needs of human trafficking victims in the U.S./Mexico Border region: Where does substance abuse treatment fit in? Poster. 11th International Women's and Children's Health and Gender Group Conference, San Antonio, TX., June 14, 2019. Submitted.

Stevens, S., & Sargus, T. (2019). Reducing burdens and increasing success of youth involved in the juvenile justice system. 24th International Summit on Violence, Abuse & Trauma Across the Lifespan, San Diego, CA., September 5-8, 2019. Submitted.

Stevens, S., Sargus, T., Contreras, J. & Cruz, D. (2019). Youth advocacy: Changing fines and fees policies and practices to increase success of court-involved youth. Coalition for Juvenile Justice: 2019 National Racial and Ethnic Disparities Conference, Scottsdale, AZ., November 20-21, 2019.

Waters, C. (2019). If you build it, will they come? Challenges with engaging LGBTQ youth in sexual risk reduction services. American Public Health Association Annual Meeting & Expo, Philadelphia, PA., November, 2019.

Waters, C. (2019). Stewards of Children®: An interactive training that empowers adults to prevent, recognize, and react responsibly to child sexual abuse. 25th Statewide Child Abuse Prevention Conference, Phoenix, AZ., 2019.

Williams, J.M. (2019). FOIA as method in research on immigration and border enforcement. Panelist. American Association of Geographers Annual Meeting, Washington, DC., April, 2019.

Williams, J.M. (2019). Fostering equitable group dynamic through asset mapping. Culturally Responsive Pedagogy Summer Institute. Tucson Unified School District. Tucson, AZ., June, 2019.

Williams, J.M., & Tolbert, S. (2019). This whole process has turned me into 'that teacher': Teacher leadership in a post-truth era." American Educational Research Association Annual Meeting. Toronto, Canada, April, 2019.

Yamaguchi, D., DeVries, R., Stropka, E., Oñate, L. Barden, D., Corona, D., Korchmaros, J., & Thomas, C. (2019). Law enforcement collaborations & cultural shifts. Workshop. 3rd Annual Southern Arizona Opioid Misuse Prevention Symposium, Tucson, AZ., October, 2019.

VIII: Awards, Honors, Achievements, Outreach and Service for Lead Researchers (Selected)

In 2019, 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 SIROW faculty.

Rosi Andrade

- 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
- Vice President, Board of Directors, Compass Affordable Housing, Tucson, Arizona

Jo Korchmaros

- Chair, SIROW Editing Committee
- Chair, SIROW Software and Data Management Committee
- Chair, 5-Year Review Committee, for Director of The University of Arizona, Center for Middle-Eastern Studies
- Member, Collaboration Group (CODAC)
- Member, Pima County Community Prevention Coalition Steering Committee
- Member, SIROW Steering Committee
- Member, SIROW Community Advisory Board
- Member, Women in Science and Engineering Advisory Board
- Member, Women's Studies Advisory Council
- Member, UArizona Global/Internationalization Review Global Research, Contracts and Projects Subcommittee
- Reviewer, Professional journal articles

Claudia Powell

- Awardee, UArizona-Frances McClelland Institute 2019 Partnership Award
- Chair, Data Committee, University of Arizona Social and Behavioral Sciences Diversity and Inclusion Committee
- Chair, Tucson-Pima Collaboration to End Homelessness Executive Board
- Chair, Pima County Domestic Violence Fatality Review Board
- Member, SIROW Steering Committee
- Member, SIROW - Community Advisory Board
- Member, UArizona- College of Social and Behavioral Sciences Diversity and Inclusion Committee
- Member, UArizona Social and Behavioral Sciences Strategic Planning Committee
- Member, Pina County's MAMA Project Advisory Board
- Member, UArizona Frances McClelland Institute Youth Development and Resilience Research Initiative
- Member, National Healthcare for Homeless Council Member
- Member, UArizona Frances McClelland Institute Youth Development and Resilience Research Initiative
- Member, Pima County Domestic Violence Task Force
- Reviewer, Substance Abuse and Mental Health Services Administration grant reviewer
- Reviewer, American Public Health Association abstract reviews

Sally Stevens

- Awardee, Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM). White House Office of Science and Technology Policy and the National Science Foundation. October, 2019. Washington DC.

- Discussant Table Chair, How Research and Practice Address Intersectional Substance Use, Interpersonal Violence and HIV. International Women's and Children's Health and Gender Group Conference, June 14, 2019, San Antonio, TX.
- Member, UArizona-Francis McClelland Institute Advisory Committee
- Member, SIROW Steering Committee
- Member, Planning Committee. International Women's and Children's Health and Gender Group Conference, August 2019 – July, 2020. Hollywood, FL, June 19, 2020. Changed to a virtual conference due to Covid 19.
- Member, Planning Committee. International Women's and Children's Health and Gender Group Conference, August 2018 – July, 2019. San Antonio, TX, June 14, 2019.
- Member, Planning Committee. International Women's and Children's Health and Gender Group Conference, August 2018 – July, 2019. San Antonio, TX, June 14, 2019.
- Panel Co-chair. Innovative Approaches to Substance Misuse Treatment and Research. International Women's and Children's Health and Gender Group Conference, August 2019 – July, 2020. Hollywood, FL, June 19, 2020. Changed to a virtual conference due to Covid 19.
- Reviewer, Poster Presentation Submission. Innovative Approaches to Substance Misuse Treatment and Research. International Women's and Children's Health and Gender Group Conference, August 2019 – July, 2020. Hollywood, FL, June 19, 2020. Changed to a virtual conference due to Covid 19.
- Reviewer, Professional journals (e.g., Diaspora, Indigenous, and Minority Education)

Jill Williams

- Convener, UArizona STEM Outcomes Working Group
- Member, SIROW Steering Committee
- Member, SIROW Website Committee
- Member, SIROW Advisory Board
- Member, Women in Science and Engineering Advisory Board
- Member, UArizona-Diversity in STEM Working Group
- Organizer, Feminist Political Geography: New Directions and Critical Reflections conference session. Association of American Geographers Annual Conference
- Reviewer, UArizona-Research, Innovation, and Impact proposal reviewer

IX. Additional SIROW Information

SIROW Website

<https://sirow.arizona.edu>

SIROW Regional Voice

SIROW Regional Voice 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 Voice* 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 Voice

SIROW continued to publish its on-line newsletter, The *SIROW Voice*. This newsletter provided updates on various SIROW projects, products, and activities. The content of *SIROW Voice* is aimed to inform community-based organizations, funding officials, policy makers and others who are interested in SIROW's work. This newsletter was offered multiple times with publication reducing in 2019 to one time per year. (Available at <https://sirow.arizona.edu/newsletters>)

Visitors to SIROW

SIROW welcomes visitors who are 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. SIROW also welcomes 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 2019 calendar year. For more information, visit the SIROW website.

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.