2017 Community-based Research (CBR) Fellows

Ildemaro Gonzalez ‘18
Discipline: Human Biology
Faculty Advisor: Eunice Rodriguez, Associate Professor of Pediatrics
Community Partner: Community Legal Services in East Palo Alto, East Palo Alto, California
This research focuses on the working, living, and educational conditions of immigrant families living on the Peninsula and in the Silicon Valley. The project will assist CLSEPA’s Immigrants’ Rights Attorney in investigating and researching the civil rights of immigrants living in the Palo Alto community, as well as help build relationships with community stakeholders, including schools, religious institutions, social services agencies, and government entities.

Nikki Apana ‘20
Discipline: Human Biology
Faculty Advisor: Donald Barr, Professor of Pediatrics and Human Biology
Community Partner: Contra Costa Health Services Health Equity Team, Martinez, California
This research aims to assess to what extent implicit bias on the behalf of the physician impacts the quality of patient care. Results from an implicit bias survey, coupled with qualitative interviews with patients, will be used to analyze and investigate the effects of implicit bias in the medical setting. The goal is to raise awareness about implicit bias among the provider population in an effort to reduce racial health disparities and improve care for vulnerable populations.

Asunción Hampson-Medina ‘19
Discipline: Comparative Studies in Race and Ethnicity
Faculty Advisor: Karen Biestman, Associate Dean and Director for Community Engagement and Diversity
Community Partner: Winnebago Tribe of Nebraska, Winnebago, Nebraska
This project involves collaboration between the Winnebago Tribe of Nebraska and the Native American Rights Fund in order to document the tribe’s traditional methods of peacemaking and conflict resolution. The goals of the research are to analyze these peacemaking methodologies and bring them into the tribal court system so as to preserve the tribal culture.

Olivia Peeps ‘18
Discipline: Electrical Engineering and Comparative Studies in Race and Ethnicity
Community Partner: UNITE HERE Local 2
The guiding topic is the working and living conditions of workers in some of the Bay Area’s largest hotels. The project involves surveying and interviewing workers (primarily Latinx and Asian American) regarding issues of workplace safety, wages, intimidation, harassment, and health. The data will be used to develop campaigns and union drives.
Linda Xiong '17  
Discipline: Human Biology  
Faculty Advisor: Suzanne Gaulocher, Director of Community Engaged Learning  
Community Partner: Second Harvest Food Bank of Santa Clara and San Mateo Counties, San Jose, California

The goal of the research project is to help the Second Harvest Food Bank serve low income communities by addressing the following questions: How effective are the Food Pharmacy and Diabetic Box models in achieving their mission? How can we reach more low-income patients with diabetes? What are the strengths of each program and what are the areas in need of improvement? The data collection will be used to produce valuable evaluations of the Food Pharmacy and Diabetic Box programs and improve these services in the future.

Nani Friedman ‘20  
Discipline: Urban Studies  
Faculty Advisor: Michael Kahan, Acting Director of the Program in Urban Studies  
Community Partner: Community Legal Services in East Palo Alto, North Fair Oaks, California

The guiding topic is the impact of technology-related development in Santa Clara County, specifically the city of North Fair Oaks. The objective of the research is to evaluate the planning and assessment processes of large-scale tech development as a means of addressing gentrification and housing justice issues affecting low-income communities.

Alicia Menedez-Brennan ‘19  
Discipline: Undeclared  
Faculty Advisor: Michael Rosenfeld, Professor of Sociology  
Community Partner: Community Legal Services in East Palo Alto, North Fair Oaks, California

This research focuses on how the impacts of the technology driven development in the area of North Fair Oaks are evaluated and responded to by local residents. More specifically, the research addresses the social, economic, and housing impacts and consequences of the development happening in and near this traditionally lower-income, lower-education, immigrant-populated area. The results of the research will be utilized to create a framework for how communities can respond to these developments and intervene when necessary.

Mai Ka Ying Vang ‘17  
Discipline: Psychology  
Faculty Advisor: Jeanne Tsai, Associate Professor of Psychology  
Community Partner: Asian Health Services, Oakland, California

The guiding topic is the intersection of health and immigration within the Asian American communities. The research involves analyzing how new immigration laws and policies have impacted the psychological well-being of refugee and immigrant Asian American populations. The purpose is to help the Asian Health Services understand the health care needs of their communities and be able to effectively address
**Molly Irvin ‘20**  
**Discipline:** Psychology and English  
**Faculty Advisor:** Rachel Barr, Associate Professor of Psychology, Georgetown University  
**Community Partner:** Youth Law Center  

The research project, also known as the Baby Elmo Program, is centered around investigating and developing low-cost interventions that benefit incarcerated teen parents and their children. Possible interventions include the teaching of effective parenting techniques, enhancing the time allotted for visiting, giving parents hope and skills to focus on their release, and motivating the parents to avoid future incarceration.

**Paulina Nava**  
**Discipline:** Human Biology  
**Faculty Advisor:** Christopher Gardner, Professor of Medicine and Researcher at the Stanford Prevention Research Center  
**Community Partner:** Full Circle Farm, Sunnyvale, California  

The long-term objective of the research is to promote healthier eating habits among children, specifically through engaging and hands-on food-based activities such as cooking and gardening. The additional goal is to address how youth learning experiences at a farm-based cooking summer camp transfers to their families and home. This research explores this transfer of knowledge from the camp to the home as a means of understanding the barriers and limitations of applying the learned knowledge outside of the educational camp setting.

**Oscar Ambrocio-Ramirez ‘20**  
**Discipline:** Undeclared  
**Faculty Advisor:** Ramon Martinez, Assistant Professor of Education  
**Community Partner:** Migrant Education Services Center, Plant City, Florida  

The project focuses on increasing the academic confidence of migrant youth in the Hillsborough County School District. The research will look at the various student perspectives of higher education based on self-identity, socioeconomic status, self-value, and long term investments. The purpose of the project is to instill hope in migrant youth and provide them with the resources so that they can achieve their higher education goals.

**Robert King ‘19**  
**Discipline:** Comparative Studies in Race and Ethnicity  
**Faculty Advisor:** Donald Barr, Professor of Pediatrics and Human Biology  
**Community Partner:** Benioff Oakland Children’s Hospital, Oakland, California  

The guiding topic is racial health disparities in terms of asthma and chronic respiratory disease in the community of West Oakland. The purpose of the research is to identify how one urban asthma program addresses and diminishes acute asthma episodes for high risk asthma populations. The goal is to develop more
Angela Nguyen ‘18  
**Discipline:** Human Biology  
**Faculty Advisor:** Anne Fernald, Professor of Human Biology  
**Community Partner:** International Children Assistance Network, San Jose, California

The objective of the project is to analyze the most effective and culturally sensitive ways to implement educational programs within underserved Vietnamese communities. The purpose is to modify the current curriculum of the International Children Assistance Network so that the child development education is more culturally appropriate and relevant. The project intends to increase the cultural competency of the program and thus increase its effectiveness within the Vietnamese communities.

2016 CBR Fellows

**Kristina Krebs ‘16**  
**Discipline:** Anthropology; Iberian and Latin American Cultures  
**Faculty Advisor:** Christina Convertino, Assistant Professor of Sociocultural Foundations, University of Texas at El Paso  
**Community Partner:** University of Texas at El Paso, El Paso, Texas

This project investigates community organizing in colonia communities in El Paso, Texas. Research questions are: How does the absence of state support play a role in community organizing at the border? How does the experience of migration change perceptions of the border as a symbol of state power? How are women being disenfranchised specifically? What sort of state absence do they face, and where/how do they confront it? How does grassroots/community organizing legitimate itself? What claims are made to the community? What are the stakes of these emerging communities and their claims to resources?

**Sebastian Green ‘19**  
**Discipline:** Undecided  
**Faculty Advisor:** Tomas Jimenez, Assistant Professor of Sociology  
**Community Partner:** Unitarian Universalist Refugee and Immigrant Services and Education (UURISE), Buena Vista, California

This research focuses on the catastrophic effect of deportation on communities both economically and emotionally. This project will utilize the community network established by the local organization UURISE, through their recently implemented Safety Planning program to reach out to community members who might be interested in sharing stories of their experiences or the experiences of family members as undocumented immigrants.
Kendal Jones ’18  
**Discipline:** Human Biology  
**Faculty Advisor:** David Grusky, *Professor of Sociology*  
**Community Partner:** AIDS Alliance, Seattle, Washington  

This research will focus on individuals who lived in emergency housing in a motel or shelter over the winter. The goals are first to work with partners from the community to conduct outcome research for the emergency housing program. Our questions will be about their needs, how their situation changed since the emergency housing program, and what support they need for their own empowerment. Through this, a secondary goal is to unite a network of people being supported by Lifelong so they can have their own support system. The second goal is to do a public health analysis of county data to see how many people who are homeless have HIV. The third goal, is to enhance the new meal program for kids by providing healthy, culturally appropriate meals.

Jasmine Mueller-Hsia ’18  
**Discipline:** Feminist Gender & Sexuality Studies  
**Faculty Advisor:** Maren Aukerman, *Assistant Professor of Education*  
**Community Partner:** Stanford Office of Sexual Assault & Relationship Abuse: Education & Response (SARA), Stanford, California & Amsterdam, Netherlands  

The guiding topic is romantic relationships. The research explores what Stanford students want to learn about romantic relationships, and how to best teach the information they need. The second phase of the research will take place in Amsterdam, the Netherlands to carry out an additional ~10-20 qualitative interviews with Dutch residents.

Ildermaro Gonzales ‘18  
**Discipline:** Human Biology  
**Faculty Advisor:** Anne Fernald, *Professor of Human Biology*  
**Community Partner:** FIRST 5 Santa Clara County, Santa Clara, California  

The goal of the research project is to explore ways to engage and include fathers in the newly developed program called the Habla Conmigo Academy, which is designed for Spanish-speaking families with young children. Participants will be fathers from the Latinx families with toddlers whose mothers have participated in Habla Conmigo workshops.

Isabella Leon Calle ‘18  
**Discipline:** Human Biology  
**Faculty Advisor:** Anne Fernald, *Professor of Human Biology*  
**Community Partner:** FIRST 5 Santa Clara County, Santa Clara, California  

This research aims to assess how much of an impact community intervention of teaching mothers about their children’s cognitive development has made.

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**2015 Fellows**
Megan Alexander ’16
Discipline: Human Biology
Faculty Advisor: Carol Winograd, MD, Emerita Professor of Medicine and Human Biology
Community Partner: The Health Trust, San Jose, California
The project aims to answer the question: Can an exercise program be designed for an elderly, physically impaired population that is appealing, appropriate in rigor, and maintainable? The aim is to identify possibilities of exercise in homebound seniors receiving Meals on Wheels from the Health Trust.

Hannah Karpel ’16
Discipline: Human Biology
Emily Stebbins ’17
Discipline: Spanish
Faculty Advisor: Dr. Lisa Chamberlain, Assistant Professor of Pediatrics
Community Partner: Next Door Solution to Domestic Violence, San Jose, California
Intimate partner violence (IPV) is recognized as a serious medical and public health concern. This project will be evaluating a carefully designed and currently being implemented health education curriculum for survivors of IPV and their children.

Devika Patel ’16
Discipline: Product Design Engineering
Faculty Advisor: Bhavna Hariharan, Lecturer for Mechanical Engineering
Community Partner: Environmental Sanitation Institute, Ahmedabad, Gujarat, India
The project intends to explore the factors contributing to Global Preparedness Efficacy (GPE) from a community perspective that contribute to successful collaboration.

Melissa Eidman ’16
Discipline: Biology
Faculty Advisor: Gabriel Garcia, The William and Dorothy Kaye University Fellow in Undergraduate Education and Professor of Medicine
Community Partner: Yurok Tribe Department of Self-Governance, Klamath, California
Assess hepatocellular carcinoma (HCC) incidence rates in the US in two high-risk groups in a community setting, taking into account the effects of age and gender.

Crystal Romero ’16
Discipline: Human Biology
Faculty Advisor: Anne Fernald, Associate Professor in Human Biology
Community Partner: Grail Family Services, San Jose, California
Grail Family Services is an East San Jose organization that provides accessible grail information to low-income Spanish-speaking parents of young children. The goal of the project is to develop and validate an assessment tool that can be easily administered by the Grail Family Services staff, and at other agencies that adopt this program.