



**Center for Regional Change:  
Celebrating 10 Years  
2007 - 2017**

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# INTRODUCTION



## LETTER FROM OUR FACULTY DIRECTOR



Dear CRC Community,

It is hard to believe that it has been ten years since the launch of the Center for Regional Change (CRC). This decade has certainly been a time of tremendous change within the CRC, the campus, and the world as a whole. There is much to celebrate, and there are many social, political, economic, and environmental challenges that make our work all the more crucial.

Our dear and late colleague, the visionary humanitarian Ted Bradshaw, conceived of the CRC as a hub for innovative, interdisciplinary, and engaged scholarship. He strove to create a center that could inform the building of healthy, prosperous, sustainable, and equitable regions in California and beyond. His vision is the lodestar that has continued to guide the CRC. Ten years on, I am proud and humbled to reflect on the progress we have made toward this end.

As a center dedicated to regional change, we are often asked what the terms ‘regional’ and ‘change’ mean in our name, and why are they important. Simply put, regions are areas that have distinctive environmental, economic, social, and political characteristics. They extend beyond typical jurisdictions such as cities, counties, states, or even nations. So, too, do our lives within these regions. We live regionally when we travel across city, county, state, or national lines for work, schooling, business, worship, socializing, or other purposes.

Understanding regions calls for a special framework of analysis to explain the broader, dynamic forces at work in our midst. This is where the issue of change comes in. Here, in California, for example, our own San Joaquin Valley, Sacramento Area, and San Francisco Bay Area all face pressing social and environmental problems. Solving these problems requires a keen understanding of regional trends and forces, past, present—and future. This broader focus can help local actors envision more collaborative and sustainable solutions, ones that recognize regional interdependence and build on shared histories. In this sense, looking beyond the local also means looking beyond the present.

Indeed, from the start, the CRC has set itself on an ambitious course to provide distinctive, regional perspectives on issues related to labor, environmental justice, housing, education, political representation, and more. Over the years, the center has become a go-to resource for action-oriented research for the campus, and for communities and regions throughout and (most recently) beyond California.

Four features in particular have come to define the ‘CRC model’ of engaged scholarship and community action:

1. The first is our central focus on social equity. We consider disparities based on race, ethnicity, class, gender, sexuality, age, immigration status, and other issues when we select our topics, design our methodology, and develop and disseminate our final products. We measure our success by the positive impact our projects have on policies and systems, strengthening their ability to deliver beneficial and equitable outcomes for all.
2. The second feature is interdisciplinarity. Each one of our projects and initiatives brings together research teams of faculty and students from different areas and specialties. This allows us to draw on a wide range of innovative research tools and methodologies.
3. The third feature is the use of digital mapping. This helps us visualize complex patterns and trends of community and regional change. Many of our projects use holistic indices of well-being and vulnerability, and their findings are made widely available in interactive and publicly accessible formats.
4. Fourth, and perhaps most importantly, our work is done in collaboration with diverse community partners, who actively participate in defining project research questions, collecting and analyzing data, relating their own wisdom and experience, and disseminating research results. This involvement has a direct and positive impact on conditions in our partners’ own communities.

We also organize our work in four thematic areas:

1. First, under my own direction, the CRC's environmental justice projects have mapped cumulative disparities in hazards and opportunities in the San Joaquin Valley, Coachella Valley, and the greater Sacramento region. These projects have helped inform and encourage local, regional, state, and federal policymakers in their efforts to protect underserved and disadvantaged communities.
2. Second, the CRC's youth-oriented projects, directed by Nancy Erbstein, have literally "put youth on the map" using interactive mapping platforms and other georeferenced analyses. These projects highlight patterns of youth vulnerability and well-being, while helping train youth leaders and their allies to use data for self-empowerment and policy advocacy.
3. Third, the CRC's Regional Opportunity Index (ROI), originally directed by Chris Benner, and now under the leadership of Anne Visser, has played an outsized role at the center. By using holistic measures of well-being, the index places valuable data in the hands of policymakers, advocates, businesses, and foundations, enabling them to guide investment to communities that face the greatest need.
4. Fourth, the California Civic Engagement Project (CCEP), directed by Mindy Romero, has established itself as one of the leading sources of research on voting and democratic governance in the nation. Using a non-partisan approach, the CCEP focuses attention on youth and minority electoral participation, encouraging greater and more equitable access to the political process.

By stressing these four features, in these four areas, we are able to span social, geographical, institutional, jurisdictional, and sectoral boundaries. This combination of depth and reach defines our signature approach to regional, action-oriented, and collaborative research.

As I reflect on the many successes of the past decade, I am grateful for the work of the many hands that have built the CRC. It is thanks to this sustained, joint effort that we have been able to meet our mission. As we look forward to our next ten years, we renew our commitment to work together, exploring innovative ways to build healthy, prosperous, sustainable, and equitable regions.

Regionally yours,

A handwritten signature in black ink, appearing to read "Jonat L", with a stylized flourish at the end.

Jonathan K. London, Ph.D.  
Faculty Director, UC Davis Center for Regional Change



# LETTER FROM OUR REGIONAL ADVISORY COMMITTEE CHAIR



Happy Birthday, Center for Regional Change!

I have had the pleasure to be associated with the Center for Regional Change (CRC) through the Regional Advisory Committee (RAC) for most of the center's decade of existence. During these years, I have always been inspired by the commitment of its leadership, staff, affiliated academics, and advisory committee members. Together, we share a belief in a collaborative approach to research that engages, and is informed by, communities and their needs—one that empowers people and improves their lives.

Over a decade ago, when I was working for the State of California, I served on an advisory committee that awarded grants to university researchers. Our goal was to choose projects to support state policy development. During the review process, we often suggested ways that proposals could be improved to create more effective policy and legislation.

A good idea, right?

The Center for Regional Change has been instrumental in helping policymakers and researchers like me understand that there was something missing in this process. What about the people whose lives were going to be impacted by these policies? Where was their input?

The CRC has brought home the message that community members need to be involved in decision-making processes like these from the start. Their needs and concerns need to help shape research and policy development.

California is a brash and diverse state that does not often feel constrained by tradition. We like to invest in bold ideas. We, the people of California, have built a world-class public university system funded by and for the people. We know how important it is to have a strong research and educational system whose scholarship speaks to people's needs, and can transform their lives. The UC system is a key force in sustaining our state's unique physical, social, and financial environment, as well as preserving the foundations of our democratic society.

As part of this extraordinary system, the CRC creates tools and strategies that boost people's ability to participate in important decision-making processes and arenas. In doing so, it continues to strengthen our state's democratic process, increasing both the legitimacy and effectiveness of government. For while our differences may divide us, our shared commitment to the democratic values of participation and inclusiveness can unite us.

I look forward to the important work that the CRC and RAC will carry out in future decades to meet the challenges of a rapidly changing state and country. I feel sure their vision will continue to inspire and engage me, and many others.

A handwritten signature in black ink that reads "Julia Lave Johnston". The signature is fluid and cursive, with the first name "Julia" being the most prominent.

Julia Lave Johnston

Chair, CRC Regional Advisory Committee, and University Liaison, American Planning Association-California Chapter Board

# ABOUT THE CRC





# OUR MISSION

There is no better model, regionally and nationally, for community-engaged scholarship than the UC Davis Center for Regional Change. The center's diverse, successful, and influential programs are based on academic quality, respect for the wisdom and experience of community partners, and a careful and balanced approach to advocacy for social justice.

Dennis Pendleton, Former Dean of UC Davis Extension and Former Chair of the CRC's Regional Advisory Committee



The CRC is a catalyst for innovative, collaborative, and action-oriented research. We bring together faculty and students from different disciplines, and build bridges between university, policy, advocacy, business, philanthropy, and other sectors. The CRC's goal is to support the building of healthy, equitable, prosperous, and sustainable regions.

Drawing on interdisciplinary faculty expertise from across the university, the CRC produces cutting-edge research on critical dimensions of regional change, including civic engagement, economic development, environmental justice, public health, regional equity, and youth well-being.

We make powerful contributions to the scholarship and practices of regional change, using field-shaping research methods and data tools such as socio-spatial mapping; holistic indices of well-being and vulnerability; and participatory action research. The CRC also serves as a learning laboratory for undergraduate and graduate students to develop professional research and community outreach capacities.

The CRC is housed within and receives core support from the UC Davis College of Agricultural and Environmental Sciences (CA&ES). We build on this support through partnerships with faculty from across the campus, and with project collaborators from the policy, advocacy, business, and philanthropic sectors.

# THE HISTORY OF THE CRC



The idea for the UC Davis Center for Regional Change arose in a dialogue between the faculty in the Departments of Human and Community Development, and Landscape Architecture and Environmental Design, who were seeking a model of cross-departmental collaboration. This vision was championed by the late Ted Bradshaw (1942-2006), Professor of Human and Community Development, as well as the Chair of the Community Development Graduate Group. Professor Bradshaw joined the UC Davis faculty in 2005, following 20 years of service at UC Berkeley, as an associate research sociologist with the Institute of Governmental Studies, as well as the Institute of Urban and Regional Development, and as a lecturer in the Department of City and Regional Planning.

“Ted was always interested in the ‘other California’ -- the rural, less affluent communities and people who were left behind during the big boom in the 1990s,” his colleague, Professor Al Sokolow of the UC Davis Department of Human Ecology, recounted in a 2006 UC Davis press release. “He wrote influential studies that identified the circumstances and ways of narrowing the gap between rural California and the rest of the state.”

Based on his commitment to engaged scholarship and university innovation, Professor Bradshaw conceived the idea for a Center for the Study of Regional Change. He saw this as a way to break down disciplinary silos and to better bridge campus-community divides. The faculty and administration of the College of Agricultural and Environmental Sciences embraced the concept as a way to expand the college’s base of excellence. Such a center, they agreed, could help the college better address the social, economic, political, and environmental dimensions of sustainability, on both community and regional scales.

In 2005, the College of Agricultural and Environmental Sciences Dean, Neal Van Alfen, appointed an ad hoc committee of faculty and regional leaders to develop the framework for the center under Professor Bradshaw’s leadership. Professor Bradshaw completed this proposal several weeks before his untimely death in the summer of 2006, at age 63. His sudden passing was widely mourned by the campus community, and by colleagues, collaborators, friends, and family throughout California, and beyond. Shortly afterward, Dr. Jonathan K. London, who had worked with Ted to plan the center, was appointed as the center’s Interim Director. Dr. London was subsequently hired as the center’s director, in conjunction with an appointment as Assistant Professor in the Department of Human and Community Development, starting in July 2008.

Since that time, the CRC has grown from a start-up with a staff of two, funded solely by core funds from the College of Agricultural and Environmental Sciences, to an organization of over 20 people,

As the only non-faculty member of the planning group (I was president of KVIE public TV at the time, and Chair of the CA&ES Dean’s Advisory Council), I urged Ted Bradshaw and the rest of the small group to be in the regions of the Central Valley and even think about regional growth beyond our borders. Being a part of the founding of the center was a very creative time, debating the mission and research focus of CRC, along with seeking support of Dean Van Alfen, and other campus and community leaders. I represented the community side of the group, urging moving across the causeway to be a part of the Sacramento Regional Blueprint process, and providing insight and practical suggestions for ways in which regions can address challenges and improve the lives of all residents for the future.

David Hosley, Executive Producer, Center for Asian American Media, and Former Vice Chancellor, UC Merced

# THE HISTORY OF THE CRC

with a \$1.3 million annual budget from a wide variety of public and private sources. The CRC's staff and faculty affiliates now include experts in socio-spatial analysis methods, participatory action research, youth engagement, communications, policy analysis, and, finally, community outreach and engagement. The center has developed active partnerships with hundreds of policy, advocacy, business, and philanthropic organizations, working on over 40 projects that have benefited communities throughout California, and in other regions of the country and world.

The Center for Regional Change links our students and faculty with policymakers, advocacy groups, philanthropists, and others to ensure health and opportunity for us all. By expanding environmental justice, reducing chronic absenteeism in schools, and increasing civic engagement, the center is helping to build vibrant, healthy neighborhoods throughout our region and state.

Helene Dillard, Dean, College of Agricultural and Environmental Sciences, UC Davis

In these ten years, the CRC has experienced several important milestones. In its first year, the center changed its name from the Center for the Study of Regional Change, to the Center for Regional Change. This new name was intended to better represent the center's action-oriented and applied orientation. The CRC's rapid growth was facilitated in part through the establishment of a Regional Advisory Committee (RAC), consisting of leaders from the policy, advocacy, business, and philanthropy sectors, who serve as ambassadors for the organization to their diverse constituencies.

Soon after its founding, the center was invited by the Department of Landscape Architecture and Environmental Design to move into the newly renovated Hunt Hall. Here, the center established the Community and Regional Mapping Laboratory (known as the CRC Mapping Lab, for short), a state-of-the-art facility that supports the CRC and its affiliates' social and spatial analysis projects. Thanks in part to this development, the CRC has become well known for its creative use of maps and on-line mapping platforms, such as Putting Youth on the Map, and the Regional Opportunity Index. The lab is also home to the Ted Bradshaw Library, which began thanks to a generous donation of works from Professor Bradshaw's personal book collection, made by Ted's widow, Betty Lou Bradshaw.

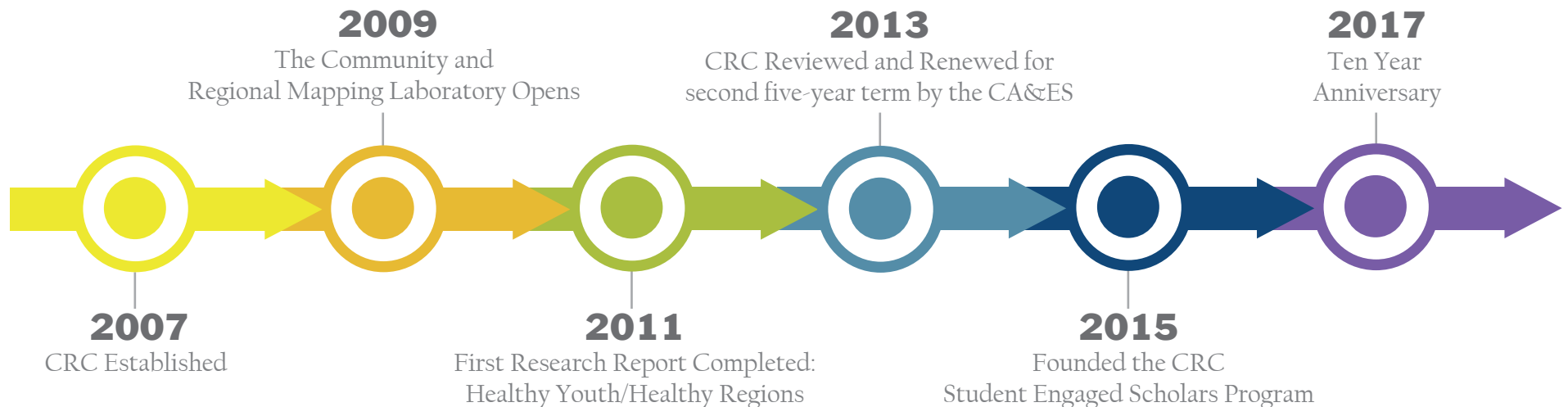




# THE HISTORY OF THE CRC

The CRC set an ambitious course through its two initial projects, Healthy Youth/Healthy Regions, and SCORECARD (Sacramento Coalition for Regional Equity Collaborative Assessment of Regional Development). As described in the projects section below, these early projects established the hallmarks of the CRC's values and approaches. They focused on social equity, inter-disciplinary research methods, and action-oriented products—all catalyzed through a community-engaged project development and implementation process. In 2016, the CRC expanded its intensive work in the Sacramento and Central Valley regions, by embarking on several national projects, for example, adapting its Regional Opportunity Index to cover the 13 northeastern seaboard states. As a recent mark of the CRC's success, the center's program, Putting Youth on the Map (PYOM), directed by Nancy Erbstein, was honored by the University of California with a 2017 Larry L. Sautter Award for Innovation in Information Technology.

The CRC has also emphasized its service to UC Davis students, as part of its mission of engaged teaching and learning. It does so through its Student Engaged Scholars program, its role in cofounding the UC Davis Tech for Social Good grants program, and its work administering graduate fellowships in the Institute for Social Science in the College of Agricultural and Environmental Sciences. The center also works with undergraduate and graduate students on a daily basis, and recognizes the important role they play as staff members, interns, and volunteers on CRC projects. A number of these students have gone on to careers in fields such as urban planning, public health, resource management, and public interest law, making them the next generation of regional changemakers.



# THE PEOPLE OF THE CRC



## Professional Staff (2016-17)

**Carolyn Abrams, MA** Project Analyst  
**Karen Andrade, PhD** Postdoctoral Scholar and Program Manager  
**Alfonso Aranda, MA** Graduate Student Researcher  
**Bernadette Austin, MS** Associate Director  
**Valerie Chiappone, BA** Administrative Manager  
**Frank Chou, BA** Project Analyst  
**Sergio Cuellar, MNA** Community Engagement Coordinator  
**Mia Dawson, BS** Graduate Student Researcher  
**Diane Godard, MA** Programs Manager  
**Cassie Hartzog, PhD** Director of Informatics  
**Krista Haapanen, BS** Graduate Student Researcher  
**Jennifer Jarin, MS** Graduate Student Researcher  
**Jessica Jones, BS** Student Engagement Coordinator  
**Aaron King, MS** Graduate Student Researcher  
**Gail Lampinen, MA** Programmer and GIS Analyst  
**Jonathan London, PhD** Faculty Director  
**Brandon Louie, MS** Community Engagement Coordinator  
**Kristen Morizono, BA** Student Graphic Designer  
**Stacy Schwartz Olagundoye, MS** Project Analyst  
**Sara Watterson, MA** GIS Manager

*All those mentioned are at UC Davis, unless otherwise designated.*

## Consultants

**Deb Marois, MS** Founder and Principal, Converge Consulting, Research & Training, Sacramento, CA  
**Mark Simon, MA** Principal Consultant, Storywalkers Consulting Group, Davis, CA  
**Krystyna von Henneberg, PhD** Founder and Principal, Creative Language Works, Davis, CA

## Principal Investigators

**Chris Benner, PhD** Professor, Environmental Studies, University of California, Santa Cruz  
**Joshua Breslau, PhD, ScD** Associate Professor, UC Davis Medical Center  
**Catherine Brinkley, VMD, PhD** Assistant Professor, Human Ecology/ Community and Regional Development  
**David Campbell, PhD** Public Policy Specialist Human Ecology/ Community and Regional Development  
**Nancy Erbstein, PhD** Professional Researcher, Human Ecology/ Human Development  
**Patsy Eubanks-Owens, MLA** Professor, Landscape Architecture and Environmental Design  
**Estella Geraghty, MD, MPH** Associate Professor, UC Davis Medical Center  
**Cassie Hartzog, PhD** Informatics Manager, Center for Regional Change  
**Alex Karner, PhD** Assistant Professor, Community and Regional Planning, University of Texas, Austin  
**Michelle Ko, PhD** Assistant Professor, Public Health Sciences  
**Jonathan K. London, PhD** Associate Professor, Human Ecology/ Community and Regional Development  
**Michael Rios, PhD** Professor, Human Ecology/ Landscape Architecture and Environmental Design  
**Gloria Rodriguez, PhD** Associate Professor, School of Education  
**Mindy Romero, PhD** Director, California Civic Engagement Project  
**Dana Rowangould, PhD** Principal, Sustainable Systems Research, LLC, Davis, CA  
**Anne Visser, PhD** Assistant Professor, Human Ecology/ Community and Regional Development

# THE PEOPLE OF THE CRC



## Faculty Executive Committee

**Mary Cadenasso, PhD** Professor, Plant Sciences

**Clare Gupta, PhD** Assistant Public Policy Cooperative Extension Specialist, Human Ecology/Community and Regional Development

**Susan Handy, PhD** Professor, Environmental Science and Policy

**Bruce Haynes, PhD** Professor, Sociology

**Michael Rios, PhD** Professor, Human Ecology/ Landscape Architecture and Environmental Design

**Daniel Sumner, PhD** Professor, Agriculture and Resource Economics

**Anne Visser, PhD** Assistant Professor, Human Ecology/ Community and Regional Development

**Stephen Wheeler, PhD** Professor, Human Ecology/ Landscape Architecture and Environmental Design

## Faculty Affiliates

The CRC works with a host of UC Davis faculty who are committed to collaborative, multi-disciplinary, and solutions-oriented research on the social, cultural, political, economic, and environmental dimensions of regional change. Faculty come from all disciplines and colleges on campus, including:

Agricultural and Resource Economics  
American Studies  
Chicana/o Studies  
Civil and Environmental Engineering  
Community and Regional Development  
Environmental Science and Policy

Environmental Toxicology  
Human Development and Family Studies  
Human Ecology  
Land, Air and Water Resources  
Landscape Architecture and Environmental Design  
Native American Studies

Public Health Science  
School of Medicine  
Sociology  
School of Law  
School of Veterinary Medicine  
Wildlife, Fish and Conservation Biology



# THE PEOPLE OF THE CRC

## Regional Advisory Committee (2016-17)

**Andrew Altevogt, PhD** Assistant Executive Officer, Central Valley Regional Water Quality Control Board  
**Carl Anthony, BA** Co-Founder, Breakthrough Communities  
**Andrew Baskin, BS** Executive Fellow, LIFT Economy  
**Lisa Bates, BA** Deputy Director, California Department of Housing and Community Development  
**Elizabeth Betancourt, MS** Policy Coordinator, Sierra Nevada Conservancy  
**Tre Borden, MBA** Placemaking Consultant and Producer, Tre Borden /Co  
**Matt Cervantes, BA** Associate Director of Health Programs, Sierra Health Foundation  
**Naomi Cytron, MCRP** Senior Research Associate, Federal Reserve Bank of San Francisco  
**Stephan Daues, MA** Director of Real Estate Development, Mercy Housing  
**Lisa Fischer, MA** Director, UC ANR Research and Extension Center System  
**Larry Greene, MEd, MA** Executive Director, Sacramento Metropolitan Air Quality Management District  
**Sandy Holman, BA** Founder, The Culture Co-Op  
**Meea Kang, MA** Senior Vice President, Related California, LLC  
**Trish Kelly, MCP** Managing Director, Valley Vision  
**William Kennedy, JD** Law Office of William Kennedy, Race Equity Project  
**Julia Lave Johnston, MCRP** American Planning Association, California Chapter (RAC Chair)  
**Jeff Loux, PhD** Adjunct Associate Professor Emeritus, UC Davis Extension  
**Neil Maizlish, PhD, MPH** Senior Research Scientist, Public Health Alliance of Southern California  
**Deb Marois, MS** Principal, Converge Consulting, Research & Training  
**Bill Myers, EdD** Visiting Scholar, UC Davis Human Ecology Department  
**Daniel O'Connell, PhD** Consultant, Fresno, CA  
**Paloma Pavel, PhD** President, Earth House Center  
**Dennis Pendleton, PhD** Dean Emeritus, UC Davis Extension  
**Shamus Roller, JD** Executive Director, National Housing Law Project  
**jesikah maria ross, MS** Senior Community Engagement Strategist, Capital Public Radio  
**Jennifer Ruffolo, MPP** Assistant Executive Officer, California Water Commission  
**Darryl Rutherford, MS** Executive Director, Sacramento Housing Alliance  
**Sanjay Sinha, MBA** Relationship Manager, California Bank & Trust  
**Donald Terry, BA** Director of Real Estate Development, NeighborWorks  
**Sarah Treuhaft, MCP** Senior Director, PolicyLink  
**Jeff von Kaenel, BA** President and CEO, News & Review  
**Rob Weiner, PhD** Executive Director, California Coalition for Rural Housing  
**David Zehnder, MCP** Managing Principal, Economics & Planning Systems



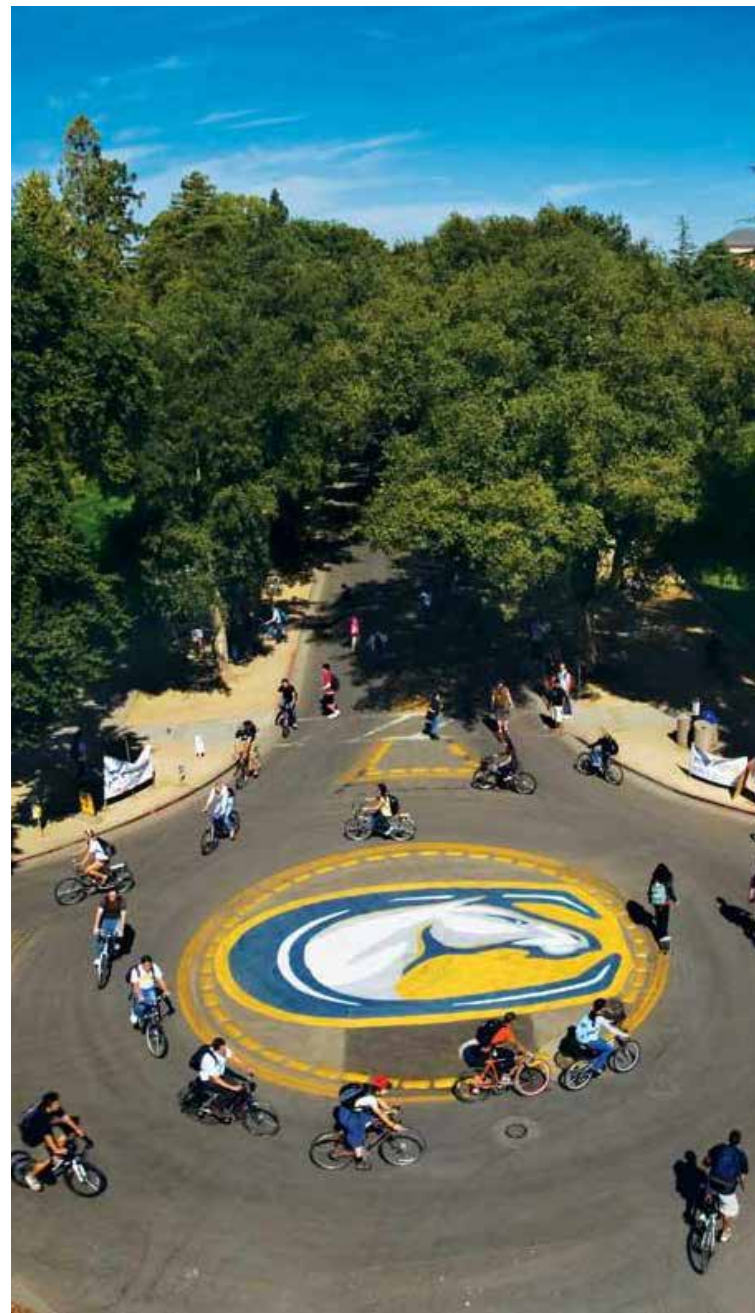
# THE PEOPLE OF THE CRC

## Collaborative Campus Partners

The CRC works with other institutes and centers on and beyond the UC Davis campus to further our mission of collaborative partnership. These include:

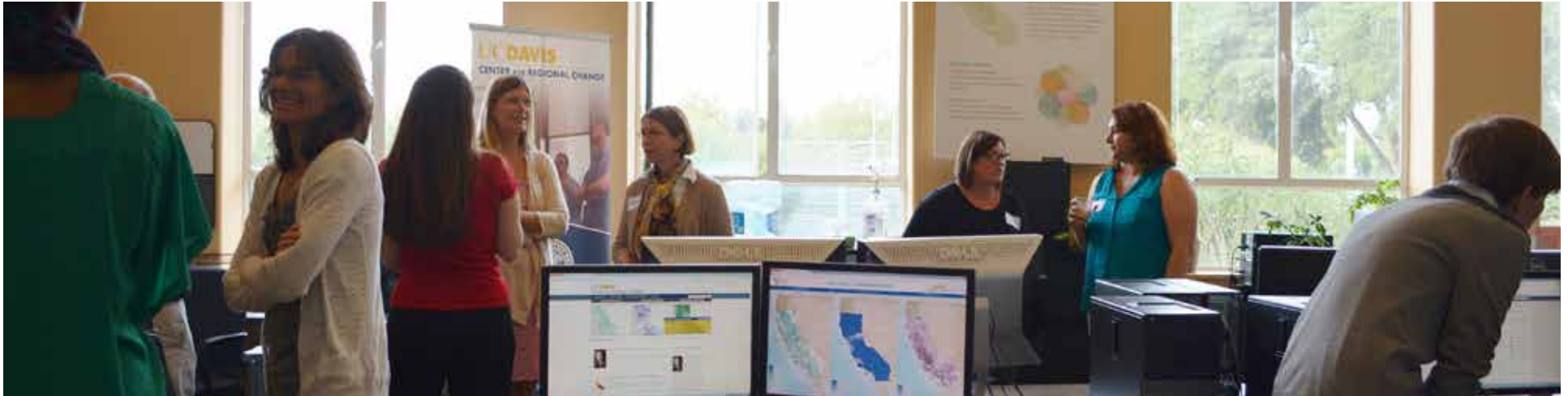
Imagining America (National consortium based at UC Davis)  
UC Agriculture and Natural Resources  
UC Agriculture and Natural Resources Cooperative Extension  
UC Agriculture and Natural Resources Youth Development and Nutrition Advisors  
UC Center for Information Technology in the Interest of Society and the UC Berkeley Banatao Institute  
UC Center Sacramento  
UC Davis Agricultural Sustainability Institute  
UC Davis Aoki Center for Critical Race and Nation Studies  
UC Davis CalFresh Nutrition Education Program  
UC Davis Center for Water-Energy Efficiency  
UC Davis Center for Watershed Sciences  
UC Davis Comparative Immigration and Integration Program  
UC Davis Environmental Health Science Center  
UC Davis Extension Collaboration Center  
UC Davis Feminist Research Institute  
UC Davis Global Affairs (Blum Center for Developing Economies, Global Education for All, Study Abroad)  
UC Davis Health  
UC Davis Humanities Institute  
UC Davis Innovation Institute for Food and Health  
UC Davis Institute for Social Sciences  
UC Davis Institute for Transportation Studies  
UC Davis John Muir Institute of the Environment  
UC Davis National Center for Sustainable Transportation  
UC Davis Office of the Chancellor  
UC Davis Office of the Provost  
UC Davis Policy Consortium  
UC Davis School of Law  
UC Merced Resource Center for Community Engaged Scholarship  
UC Santa Cruz Everett Program

We welcome ideas for new collaborations. If you or your organization is interested in partnering on research, communications, or engagement activities, please contact Faculty Director Jonathan K. London ([jkldon@ucdavis.edu](mailto:jkldon@ucdavis.edu)) or Associate Director Bernadette Austin ([braustin@ucdavis.edu](mailto:braustin@ucdavis.edu)). We look forward to hearing from you.





# THE COMMUNITY AND REGIONAL MAPPING LABORATORY



The CRC's Community and Regional Mapping Lab serves as a data hub for CRC-affiliated faculty, staff, and students. It is located in 152 Hunt Hall, a space generously provided by the Department of Human Ecology/Landscape Architecture and Environmental Design. In addition to serving as home to a team of dedicated CRC staff members supporting projects across the state and country, the CRC Mapping Lab also serves as an assembly point and way station for a host of other people and functions. It is a place for both one-on-one conversations, and packed-house meetings with participants calling in from around the globe. It is an event space, a conference room, a lounge, and an office. Above all, it is a welcoming space for diverse members of the CRC community, and a place for critical dialogue and analysis. On most days, it serves as a haven where the joys of our complex and challenging work can be celebrated, and the realities of our struggles and barriers can be acknowledged with honesty and compassion.

The Mapping Lab is also a location where student interns and researchers can take advantage of the computer stations and their geospatial imaging software. Each workstation is equipped with the latest Geographic Information Systems (GIS) and data analysis software, and provides access to spatial data related to the social, economic, and environmental health of communities in California and worldwide. The lab is also the home of the Ted Bradshaw Regional Change Library. This library was started with a generous donation of books from the collection of the late Professor Ted Bradshaw, given to the CRC by Ted's widow, Betty Lou Bradshaw. It also includes other books and journals on a wide range of topics, from agriculture to youth development. These resources are available for browsing or borrowing. The lab is a place you should experience firsthand, so come pay us a visit and let's see what we can do together!

The CRC Mapping Lab creates and hosts interactive, online mapping platforms:

- Regional Opportunity Index: [interact.regionalchange.ucdavis.edu/roi/](http://interact.regionalchange.ucdavis.edu/roi/)
- Putting Youth on the Map: [interact.regionalchange.ucdavis.edu/youth/](http://interact.regionalchange.ucdavis.edu/youth/)
- California Civic Engagement Project: [ccep.ucdavis.edu/mapping-california-overview/](http://ccep.ucdavis.edu/mapping-california-overview/)

To access the resources of the CRC Mapping Lab, please contact [crcinfo@ucdavis.edu](mailto:crcinfo@ucdavis.edu).



## STUDENT ENGAGEMENT

The CRC's Student Engaged Scholars Program provides meaningful volunteer experience for undergraduate and graduate students. Participants have the opportunity to work one-on-one with faculty, researchers, and community partners on social justice and environmental issues that they are passionate about. Student engaged scholars go on to make presentations about their work in academic, policy, and community settings. They also receive special access to community-based research training, leadership development, and mentorship opportunities and events. Student applicants for this competitive program are chosen based on the relevance of their skills and professional interests to CRC projects, demonstration of passion for regional change through essays and an interview.

The Student Engaged Scholars Program was the brainchild of Jessica M. Jones. Jessica first approached the CRC with a proposal to increase student engagement, and soon took on the title of Student Engagement Coordinator for the center. Jessica graduated from UC Davis in Winter Quarter 2016 with a B.S. in Community and Regional Development with an emphasis in Environmental Policy, receiving highest honors.

She is the recipient of many awards, including the Ted K. Bradshaw Award for Extensive Community Involvement, and the Mary Jeanne Gilhooly Award for the graduating woman at UCD believed to be the most outstanding in the areas of leadership, scholarship, integrity, and service in the campus community. Jessica has also worked with the Santa Rosa City Council, and representatives from the city's Transportation and Public Works Department, as well as the Water Department. Specifically, she has worked on a report on how to design and administer low-income water rate assistance programs in California, analyzing Santa Rosa's own, new, low-income water subsidy initiative. Jessica currently serves as the assistant deputy to Don Saylor, the second district supervisor for Yolo County.



JESSICA JONES  
STUDENT ENGAGEMENT COORDINATOR

As the CRC student engagement coordinator, I designed an internship program from scratch—an amazing opportunity for an undergrad! Throughout this process, CRC colleagues have taken the time to give me feedback and helped me build a sustainable program. I consider the CRC my second home and a cherished learning lab.

# STUDENT ENGAGEMENT

## Student Engaged Scholars, Research Topics and Mentors 2017

**Samantha Jane Aguilar**, Community and Regional Development  
Assisted with curriculum development for Putting Youth on the Map.  
Mentor: Nancy Erbstein, Human Ecology

**Brenda Hernandez**, Community and Regional Development, Chicana/o Studies  
Conducted research to support CRC work on the Sacramento Promise Zone, and environmental justice legislation.  
Mentor: Bernadette Austin, CRC

**Marguerite Kise**, American Studies  
Co-produced video titled “Environmental Justice: People, Communities, and Water.”  
Mentor: Amanda Ford, Environmental Justice Coalition for Water

**Hy Tran Nguyen**, Sociology  
Conducted research on chronic school absence in the Sacramento City Unified School District.  
Mentor: Stacy Shwartz Olagundoye, CRC and Nancy Erbstein, Human Ecology

**Viva Parsa**, Sociology  
Co-produced video titled “Environmental Justice: People, Communities, and Water.”  
Mentor: Amanda Ford, Environmental Justice Coalition for Water

**Cassandra Marie Paz**, Community and Regional Development, Spanish  
Conducted research on public transit in the San Joaquin Valley.  
Mentor: Caroline Rodier, Institute of Transportation Studies

**Marie Pinna**, International Relations  
Assisted in the training activities of the Environmental Health Science Research Center.  
Mentor: Karen Andrade, Environmental Health Sciences Center

**Michelle Elizabeth Rodriguez**, Public Health Master’s Program  
Assisted with the training activities of the Environmental Health Science Research Center.  
Mentor: Karen Andrade, Environmental Health Sciences Center

## Student Engaged Scholars, Research Topics and Mentors 2016

**Maheen Ahmed**, Community and Regional Development  
Conducted research on civic engagement among Muslim Americans.  
Mentor: Mindy Romero, California Civic Engagement Project

**Nancy Au**, Sociology **2016 Outstanding Student Engaged Scholar**  
Developed training modules for Putting Youth on the Map.  
Mentor: Nancy Erbstein, Human Ecology

**Adriana Fernandez**, Environmental Policy Analysis and Planning  
Developed bilingual, community-based, action research training workshops.  
Mentor: Jonathan London, Human Ecology

**Luis Montes**, Environmental Policy Analysis and Planning  
Assisted in the production of videos for the Regional Opportunity Index and Putting Youth on the Map.  
Mentor: Nancy Erbstein, Human Ecology

**Cristina Murillo-Barrick**, Community Development Graduate Group  
Assisted with curriculum for Putting Youth on the Map.  
Mentor: Nancy Erbstein, Human Ecology

**Somayh Saleh**, Applied Statistics, Sociology  
Assisted in the analysis and organization of data about regional change.  
Mentor: Cassie Hartzog, CRC

**Roxana Sierra**, International Relations  
Assisted in data analysis for the Soil Lead and Urban Gardens project.  
Mentor: Jeanette Lim, CRC

**Stephanie Stone**, Community and Regional Development  
Helped analyze affordable housing units for the California Department of Housing and Community Development, and assisted with social media management.  
Mentors: Michael Rios, Human Ecology, and Valerie Chiappone, CRC

**Yoshiatsu Tanaka**, Community Development Graduate Group  
Assisted with curriculum development for Putting Youth on the Map.  
Mentor: Nancy Erbstein, Human Ecology

# CRC STUDENT FUNDING PARTNERSHIPS



## Social Science Graduate Student Awards

Every year, the UC Davis Institute for Social Sciences, in partnership with the CRC, awards several research and travel grants to social science graduate students in the College of Agricultural and Environmental Sciences.

Over the past three years, twenty-two grants have been awarded to outstanding students from the Community Development Graduate Group, Geography Graduate Group, International Agricultural Development, Agricultural and Resource Economics, and the Ecology Graduate Group.

Travel grants have allowed awardees to conduct their research around the country, and around the world, from local sites such as Knights Landing and Sacramento, to sites in Afghanistan, Guatemala, Japan, and Mexico.

A sampling of these research project titles includes:

- Wild Plants as Food and Medicine: A Political Ecology and Experiential Curriculum for Youth (Napa, CA)
- How Rural Residents of the Central Coast Perceive and Care for Daily Exposure to Toxic Pesticides
- Homeless Advocacy Groups in the Sacramento Region
- Strategies to Improve Communication in Afghanistan Surrounding Gender and Women's Development Policies
- Promotion of Sovereignty and Autonomy for Indigenous Groups in Guatemala

For information about the program and its recipients, contact [crcinfo@ucdavis.edu](mailto:crcinfo@ucdavis.edu).



## Tech for Social Good

The CRC has joined with the Center for Information Technology Research in the Interest of Society, the Banatao Institute at UC Berkeley, UC Davis Global Affairs/Blum Center for Developing Economies, and the Institute for Social Sciences, to form and co-fund the UC Davis Tech for Social Good small seed grants competition. Tech for Social Good is a program that promotes student-led learning and technology development.

To achieve its mission, the program provides funding support to undergraduate, graduate, and postdoctoral students, groups, teams, or organizations developing hardware, software, events, or programs. The program helps the CRC pursue its mission of supporting creative uses of technology to build community-university partnerships for the benefit of underserved populations.

For information about the program and its recipients, contact <http://davis.techsocialgood.org>.



# CRC CAMPUS PARTNERSHIPS

## UC Davis Policy Consortium

The CRC has partnered with the UC Center Sacramento, UC Agriculture and Natural Resources, and the Center for Healthcare Policy and Research to co-found the UC Davis Policy Consortium.

The consortium brings together dozens of the policy-oriented centers, institutes, and individual faculty members across campus to enhance the university's impact on local, state, and federal policies. The consortium's website provides a portal for community partners to locate relevant university experts. It also provides links to a policy speaker series, and a faculty public policy training program. For more information about the UC Davis Policy Consortium, contact [crcinfo@ucdavis.edu](mailto:crcinfo@ucdavis.edu).

## Collaboration Consortium

Convened in 2016, the Collaboration Consortium brings together interdisciplinary centers and institutes on the UC Davis campus, including the CRC, Center for Water-Energy Efficiency, Feminist Research Institute, Humanities Institute, Innovation Institute for Food and Health, and Institute for Social Sciences.

The consortium hosts a quarterly dialogue called the "Interdisciplinary Initiative," which convenes faculty with common interests to explore ideas and initiatives, and brainstorm existing resource opportunities. Faculty meet to discuss logistical themes related to research and partnerships, including how to:

- Strategically coordinate resources.
- Combine efforts in applying for funding.
- Develop collaborative research programs for greater effect.
- Facilitate and promote collaboration on campus, across the UC system, and across disciplines.

To date, dozens of faculty members have participated in World Café-style discussions on topics such as consumer behavior, decision-making in resource use, and human interaction with the environment. For more information about the Collaboration Consortium, see: [ucdpolicyconsortium.ucdavis.edu](http://ucdpolicyconsortium.ucdavis.edu).

## UC Davis Forums on the Public University and the Social Good

The UC Davis Forums distinguished lecture series is designed to promote informed and thoughtful dialogue among members of the campus community and the public about the serious challenges facing the public university, ways of responding to those challenges, and how the public university is evolving. With an ultimate goal of helping to produce a public university that will best serve society and individuals, this series poses the following question: What should and can the public university be in the 21st century?

Established by the Office of the Provost in 2012, and directed by Martin Kenney (Department of Human Ecology) and a rotating faculty steering committee drawn from different UC Davis colleges and schools, the UC Davis Forums series presents about six lectures by distinguished speakers each year, often in conjunction with a panel discussion by UC Davis faculty and always including a period for audience questions and comments. Forums feature experts from a wide range of academic fields, including sociology, education, economics, law, and STEM, among others. Regular funding for the forums is provided by the Office of the Provost, the Community and Regional Development Program, and the CRC. For more information about the UC Davis Forums or to suggest a speaker, go to [forums.ucdavis.edu](http://forums.ucdavis.edu).



ON THE PUBLIC UNIVERSITY AND THE SOCIAL GOOD

# RECENT PUBLICATIONS

## CRC Reports and Policy Briefs

- Benner, Chris, with Cassie Hartzog and Sara Watterson. (2016). Delta Regional Opportunity Analysis. Commissioned by the Delta Protection Commission.
- Benner, Chris, and Bidita Tithi. (2011). Social Equity and Transit Oriented Development: Selecting Transit Priority Areas in the Sacramento Sustainable Communities Regional Planning Process. Commissioned by the Sacramento Area Council of Governments.
- Benner, Chris, Kendra Bridges, Ganlin Huang, Jonathan K. London, Shamus Roller, Constance Slider, and Eric Schultheis. (2011). Sacramento SCORECARD: The Sacramento Coalition on Regional Equity Collaborative Assessment of Regional Development. Commissioned by CORE (Coalition on Regional Equity).
- Erbstein, Nancy, with Teri Greenfield. (2014). Chronic Absenteeism Issue Brief Series. Severe Chronic Absence in the Sacramento City Unified School District. Commissioned by The California Endowment.
- Hartzog, Cassie, Carolyn Abrams, Nancy Erbstein, Jonathan K. London, and Sara Watterson. (2016). California's San Joaquin Valley: A Region and Its Children under Stress. Commissioned by Sierra Health Foundation.
- Jatkar, Shrayas, and Jonathan K. London. (2015). From Testimony to Transformation: The Identifying Violations Affecting Neighborhoods Program in California. Commissioned by the California Wellness Foundation and The California Endowment.
- London, Jonathan K., and Sara Watterson. (2015). Mapping Opportunity in California's San Joaquin Valley. Commissioned by Sierra Health Foundation.
- London, Jonathan K., et al. (2015). Capitalizing Environmental Justice in the Sacramento Region: Building a Strategic Framework for Regional Action. Report supported by The California Wellness Foundation.
- London, Jonathan K., Tara Zagofsky, and Teri Greenfield. (2013). Revealing the Invisible Coachella Valley: Putting Cumulative Environmental Vulnerabilities on the Map. Commissioned by the California Institute for Rural Studies and funded by The California Endowment.
- London, Jonathan K., and Nancy Erbstein, et al. (2011). Healthy Youth/Healthy Regions: Informing Action for the Nine-County Capital Region and its Youth. Commissioned by Sierra Health Foundation, with additional funding from The California Endowment.
- Marois, Deb, Carolyn Abrams and Jonathan K. London. (2017). Keeping Our Promise: A Guide to Evaluation in Sacramento's Promise Zone. Report produced in collaboration with Converge Consulting, Research and Training.
- Rios, Michael, Brandon Louie and Elizabeth Godkin. (2016). Changing the Narrative of Affordable Housing: Final Report. Report supported by the American Association of Retired Persons California, the California Endowment, and the US Department of Agriculture Cooperative State Research, Education and Extension Service.
- Romero, Mindy. (2016). As California Goes, So Goes the Nation? U.S. Demographic Change and the Latino Vote. California Civic Engagement Project, University of California, Davis.
- Romero, Mindy. (2016). Online Voter Registration: Expanding Access to California's Electoral Process. California Civic Engagement Project, University of California, Davis.
- Romero, Mindy. (2016). California's Latino and Asian American Vote: Dramatic Underrepresentation in 2014 and Expected Impact in 2016. California Civic Engagement Project, University of California, Davis.

# RECENT PUBLICATIONS

## CRC Reports and Policy Briefs Cont'd

San Joaquin County Alliance for Boys and Men of Color, and UC Davis Center for Regional Change. (2016). *My Brother's Keeper in Stockton*. Stockton, CA: Fathers & Families of San Joaquin.

Wiener, Robert, and Darryl Rutherford. (2008). *Developing a Regional Affordable Housing Strategy: A Look at California's Housing Challenges and Ingredients Needed for a Successful Regional Strategy*. White Paper 2009-01. Center for Regional Change, University of California, Davis.

## Journal Articles

Benner, Chris, and Alex Karner. (2016). "Low-wage Jobs-housing Fit: Identifying Locations of Affordable Housing Shortages." *Urban Geography*, 37(6): 883-903.

Burciaga, Rebeca, and Nancy Erbstein. (2012). "Latina/o Dropouts: Generating Community Cultural Wealth." *Association of Mexican American Educators Journal*, 6(1): 24-33.

Erbstein, Nancy, Fe Moncloa, Stacy Shwartz Olagundoye, Claudia Diaz-Carrasco, and Russell Hill. (2017). "Engaging Latino Communities from the Ground Up: Three Tools." *Journal of Extension*, 55(4).

Erbstein, Nancy, Cassie Hartzog, and Estella M. Geraghty. (2013). "Putting Youth on the Map: A Pilot Instrument for Assessing Youth Well-Being." *Child Indicators Research*, 6(2): 57-280.

Huang, Ganlin, and Jonathan K. London. (2016). "Mapping In and Out of 'Messes': An Adaptive, Participatory, and Transdisciplinary Approach to Assessing Cumulative Environmental Justice Impacts." *Landscape and Urban Planning*, 154: 57-67.

Karner, Alex, Jonathan K. London, Dana Rowangould, Chris Benner, and Catherine Garoupa-White. (2014). "Putting Data in to Action for Regional Equity in California's San Joaquin Valley." In Federal Reserve Bank of San Francisco and Urban Institute (eds.). *What Counts: Harnessing Data for America's Communities*. San Francisco: Federal Reserve Bank of San Francisco and the Urban Institute, 272-6.

Karner, Alex, and Jonathan K. London. (2014). "Rural Communities and Transportation Equity in California's San Joaquin Valley." *Transportation Research Record: Journal of the Transportation Research Board*, No. 2452, Transportation Research Board of the National Academies, Washington, D.C., 90-97.

London, Jonathan K. (2016). "Environmental Justice and Regional Political Ecology Converge in the Other California." *Journal of Political Ecology*, 23(1):147-158.

London, Jonathan K., Kirsten Schwarz, Mary L. Cadenasso, Bethany B. Cutts, Charles Mason, Jeanette Lim, Katie Valenzuela-Garcia, and Heather Smith. (2017). "Weaving Community-University Research and Action Partnerships for Environmental Justice." *Action Research*, (online: <https://doi.org/10.1177/1476750316678915>).

Romero, Mindy, and Greg Keidan. (2017). "California's 2014 Ballot Initiative Transparency Act (BITA) and its Impact on Public Involvement in the Ballot Initiative Process." *California Journal of Politics and Policy*, 9.2.

Romero, Mindy, and Jonathan Fox. (2016). "Uneven Landscape: Mapping Underrepresentation of Young Adults in California's Electorate." *National Civic Review Winter*, 105(4): 40-51.

Rowangould, Dana, Alex Karner, and Jonathan K. London. (2016). "Identifying Environmental Justice Communities for Transportation Analysis." *Transportation Research Part A: Policy and Practice*, 88: 151-162.



# CRC MEDIA AND COMMUNICATIONS

The CRC is a go-to resource for legislators, public agencies, advocates, journalists, and researchers on issues related to the cultural, economic, environmental, political, and social dimensions of social change. We have regularly worked with Krystyna von Henneberg Ph.D., from Creative Language Works, to greatly enhance our communications.

The CRC's research has been featured in major news outlets, including The New York Times, National Public Radio, Univision, The Washington Post, Los Angeles Times, San Francisco Chronicle, Politico, HuffPost, The Sacramento Bee, and The Davis Enterprise. Here is a recent sampling of articles featuring news about the CRC:

Badger, Emily. (2015, October 08).

*"The 27 Patterns that Make Up the World's Cities and Suburbs."*

Retrieved from <https://www.washingtonpost.com>

The Editorial Board. (2016, June 11).

*"The GOP's Latino Crucible."*

Retrieved from <https://www.nytimes.com>

Ellis, Reggie. (2016, February 03).

*"Farmersville Opens Up a Dialogue About Child Health."*

Retrieved from [www.thesungazette.com](http://www.thesungazette.com)

Erbstein, Nancy, and Sergio Cuellar. (2016, October 19). *"Putting Kids on the Map."*

Retrieved from <http://www.zocalopublicsquare.org>

Flores, Johnny, Christian Mendez, Paulina Rojas, and Amber Amaya. (2016, May 21).

*"Miles Away from the Next Stop."*

Retrieved from <http://coachellaunincorporated.org/>

Goldeen, Joe. (2017, February 09).

*"Report: Too Many Valley Children Living in Poverty."*

Retrieved from <http://www.recordnet.com>

Womack, Graham. (2016, July 07).

*"A Toxic History: Sacramento Region's Minority Communities Face a Legacy of Environmental Justice."*

Retrieved from <https://www.newsreview.com>

For more media coverage, see the following websites:

CRC: <http://explore.regionalchange.ucdavis.edu/news-and-events/crc-in-the-media>

CCEP: <http://ccep.ucdavis.edu/media/>

For media inquiries, please call (530) 752-3007 or email [crcinfo@ucdavis.edu](mailto:crcinfo@ucdavis.edu).

## Region Matters

We use it to build and inform our community, providing the latest on recent research, campus and local events, job opportunities, and of course, the CRC's work and that of our affiliates, in the region and beyond.



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Follow us on Twitter

@regionalchange

BRANDON LOUIE  
COMMUNITY ENGAGEMENT COORDINATOR



SARA WATTERSON  
GIS MANAGER



FRANK CHOU  
PROJECT ANALYST





# PROJECTS



## ENVIRONMENTAL JUSTICE RESEARCH INITIATIVE

Environmental Justice (EJ) is a field of study and action that addresses the inequitable distribution of environmental hazards and opportunities, examining its effects on low-income communities and communities of color. EJ also promotes the inclusion of disadvantaged populations in meaningful participation and decision-making about the environment. Using a collaborative research approach, the CRC's Environmental Justice Research Initiative helps inform public policy, support community self-empowerment, and improve conditions for people who are most affected by environmental harm.

### Community Outreach and Engagement Core for the UC Davis Environmental Health Science Center



**Principal Investigators:** Jonathan K. London, Michelle Ko, and Karen Andrade

**Funded by:** National Institute of Environmental Health Sciences

**Years:** 2015-2020

**Project Summary:** The UC Davis Environmental Health Sciences Center (EHSC) is one of more than 20 National Institute of Environmental Health Sciences Core Centers that produce research aimed at reducing environmentally-related diseases, and help train the next generation of environmental health scientists. The EHSC Community Outreach and Engagement Core (COEC) brings together a diverse group of community stakeholders representing non-profit organizations and government agencies. They provide key input into the center's research and translational programs and priorities. The COEC also develops and implements training in community-engaged research for community partners and university researchers, creates publicly-accessible versions of center research, and infuses the work of the EHSC as a whole with community-engaged values and methods.

Highlights include: the creation of a Community Environmental Health Science Academy (described as one that “pulls back the curtain” on the production of science, to help community partners engage with scientists in more meaningful and impactful ways); a training program for building equitable community-university research partnerships, as well as community-based participatory action research; efforts to broker partnerships for studies on the toxicology of drinking water in the San Joaquin Valley, and on air pollution and asthma near California's Salton Sea.

**Community Partners:** Sarah Aird, Isabel Arrollo, Colin Bailey, John Capitman, Ben Duran, Veronica Eady, Paul English, Laurel Firestone, Amrith Gunasekara, Linda Helland, Rey Leon, Nayamin Martínez, Debra Oto-Kent, Shankar Prasad, Phoebe Seaton, Sarah Sharpe, and Marilyn Silva.

**Project Team:** Karen Andrade (COEC Manager), Krista Haapanen, Mimmi Pinna, and Michelle Elizabeth Rodriguez. The EHSC is directed by Dr. Irva Hertz-Picciotto.

# ENVIRONMENTAL JUSTICE RESEARCH INITIATIVE

## Soil Lead and Urban Gardens



**Principal Investigator:** Mary Cadenasso, Bethany Cutts (North Carolina State University), Jonathan K. London, and Kristen Schwarz (Northern Kentucky University)

**Funded by:** UC Agriculture and Natural Resources

**Years:** 2011-2016

**Project Summary:** A key part of building sustainable cities is investing in green infrastructure, including gardens. Urban gardens provide a local source of nutritious food, and can help strengthen community ties. However, city gardens can also expose city dwellers to soil pollutants, including lead from legacy sources such as paint, gas, and industry. Studying the connection between urban landscapes and soil lead can identify areas of concern and help mitigate potential risk.

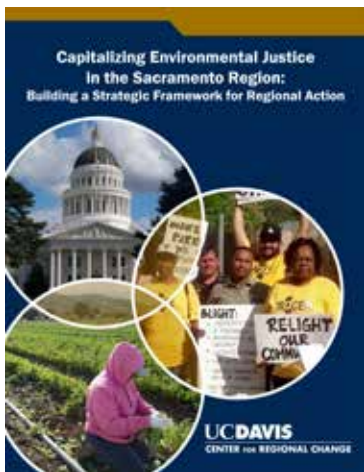
Using a community-based approach, this study focused on several neighborhoods in Sacramento with limited access to nutritious food. Over 100 residents in low-income neighborhoods in South Sacramento and Del Paso Heights were provided with information and resources to grow vegetables, and to use soil lead tests to help them minimize their exposure to soil lead. The project helped

neighborhood members learn about environmental conditions around their homes and neighborhoods, and understand the tradeoffs involved in urban gardening. It also helped them identify ecosystem services that they value and would like to manage, advancing the ultimate goal of healthy urban gardening. The project has strengthened relationships between UC Davis researchers, local non-profits, and community gardeners in the Davis-Sacramento area.

**Community Partners:** Ubuntu Green and Yisrael Family Urban Farm.

**Project Team:** Jeanette Lim, Jeff Marquez, and Shaina Meiners.

## Capitalizing Environmental Justice in the Sacramento Region



**Principal Investigator:** Jonathan K. London

**Funded by:** The California Wellness Foundation, and the Sacramento Metropolitan Air Quality Management District

**Years:** 2013-2015

**Project Summary:** California's Capital Region is beset by many significant environmental justice (EJ) problems. These issues disproportionately affect low-income communities and communities of color, and have profound implications for the entire region's well-being and sustainability. However, EJ issues in the capital region are not as well documented as they are elsewhere. This lack of information has made it harder for local EJ advocates and environmental regulatory agencies to devise a road map to guide their collective action. The CRC's report on EJ in the Sacramento region addresses this knowledge gap by highlighting some of the area's most socially and environmentally vulnerable places and populations. It uses data and mapping tools, and engages community voices, to suggest key opportunities for environmental justice action. It has been used to inform EJ campaigns across the region.

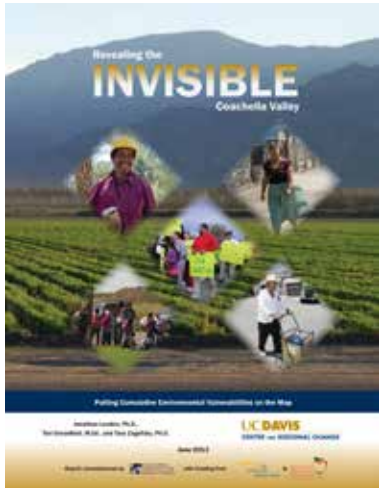
**Community Partners:** Coalition for Regional Equity, Environmental Justice Coalition for Water, Sacramento Housing Alliance, Sacramento Urban Agriculture Coalition, Ubuntu Green, and Valley Vision.

**Project Team:** Carolyn Abrams, Valerie Chiappone, Michelle Dean, Kelsea Dombrovski, Mary Doyle, Teri Greenfield, Ofurhe

Igbinedion, Brandon Louie, Jason Mendez, Jen Metes, Colin Mickle, Matt Read, Darryl Rutherford, Evan Schmidt, Stacy Shwartz Olagundoye, Krystyna von Henneberg, Sara Watterson, and Alex Cole Weiss.

# ENVIRONMENTAL JUSTICE RESEARCH INITIATIVE

## Revealing the Invisible Coachella Valley: Putting Cumulative Environmental Vulnerabilities on the Map



**Principal Investigator:** Jonathan K. London

**Funded by:** The California Institute for Rural Studies with funding from The California Endowment

**Years:** 2012-2013

**Project Summary:** Rural communities in Riverside County's Eastern Coachella Valley face multiple environmental justice challenges related to agricultural pesticides, drinking water and air pollution, hazardous waste facilities, and other issues. The goal of this project was to support community capacity building and mobilization on issues of environmental justice and public health in the Eastern Coachella Valley. To do so, the California Endowment invited UC Davis, in partnership with the California Institute of Rural Studies, to collaborate with local advocates to document the often-invisible patterns of cumulative environmental vulnerability in this region.

Using the CRC's Cumulative Environmental Vulnerability Assessment methodology, the study reveals that residents in the Eastern Coachella Valley face significant and overlapping environmental hazards and social vulnerability. These far exceed those in the Western Coachella Valley and the county as a whole. The study identifies agricultural pesticide applications, poor drinking water quality, and poor housing quality as key challenges to community well-being. The report is being used to help local leaders

become more effective advocates for their communities, and secure increased investment in environmental protection, health promotion, and community well-being in this vital but underserved area of California.

**Community Partners:** Advocates Coalition of Coachella Valley, California Rural Legal Assistance, Inc., Comité Civico del Valle, Eastern Coachella Valley Building Healthy Communities, Inland Congregations United for Change, and Pueblo Unido Community Development Corporation.

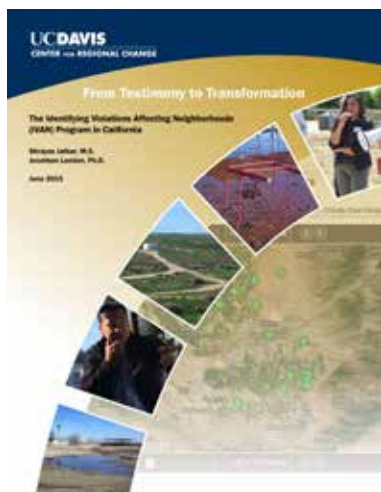
**Project Team:** Morgan Beryl, Allison Ferrini, Rachel Goldstein, Teri Greenfield, Ana Quiroz, Jeanette Ramirez, Evan Schmidt, and Tara Zagofsky.





# ENVIRONMENTAL JUSTICE RESEARCH INITIATIVE

## From Testimony to Transformation: Identifying Violations Affecting Neighborhoods



**Principal Investigators:** Shrayas Jatkar and Jonathan K. London

**Funded by:** California Wellness Foundation and The California Endowment

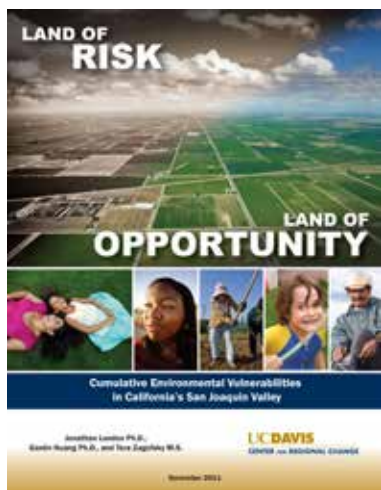
**Year:** 2015

**Project Summary:** Identifying Violations Affecting Neighborhoods (IVAN) is an innovative program of environmental monitoring, reporting, and enforcement in California. It is intended to improve health, living conditions, and well-being in disadvantaged communities where residents face high levels of environmental hazards, and lack access to the economic, political, and social resources needed to address them. The report shows the multiple benefits of IVAN, as well as the challenges it faces. It makes several recommendations to improve IVAN's effectiveness in achieving its intended goals. IVAN partners in the non-profit and public agency sectors have used the report to refine and expand IVAN systems across California.

**Community Partners:** California Environmental Protection Agency, Central California Environmental Justice Network, Comité Civico del Valle, and the Environmental Justice Coalition for Water.

**Project Team:** Valerie Chiappone, Jason Mendez, Krystyna von Henneberg, and Tara Zagofsky.

## Land of Risk, Land of Opportunity: Cumulative Environmental Vulnerabilities in California's San Joaquin Valley



**Principal Investigator:** Jonathan K. London

**Funded by:** Ford Foundation (through the UC Davis Environmental Justice Project) and the William and Flora Hewlett Foundation

**Years:** 2010-2011

**Project Summary:** "Land of Risk/ Land of Opportunity," is a path-breaking report that documents the high level of environmental and social risks confronting many residents of California's San Joaquin Valley. The report uses an innovative tool called the Cumulative Environmental Vulnerabilities Assessment (CEVA) to identify locations and populations within the valley that are at greatest risk, and that require immediate attention. Using CEVA, CRC researchers show that the most extreme concentrations of environmental hazards in the valley tend to be located in communities with the fewest political, social, and economic resources that could help prevent or mitigate such risks.

The report calls on regional and state policymakers and regulators to focus enforcement, investment, assessment, and other resources in these communities. It also calls on them to work collaboratively with each other, and with local residents, to protect community health and well-being. The report has been used to mobilize local, regional, state, and federal agencies to prioritize the San Joaquin Valley for funding, enforcement, and public participation efforts.

**Community Partners:** San Joaquin Valley Cumulative Health Impacts Project (California Rural Legal Assistance, Californians for Pesticide Reform, and the Center for Race, Poverty, and the Environment), Central Valley Air Quality Coalition, Fresno Metro Ministry, Greenaction for Health and Environmental Justice, Leadership Counsel for Justice and Accountability, Medical Advocates for Clean Air, Prison Moratorium Project, and ValleyLEAP.

**Project Team:** Teri Greenfield, Ganlin Huang, Evan Schmidt, and Tara Zagofsky.

## REGIONAL DEVELOPMENT

While it is common to talk about the local and the global, most of us actually live our lives regionally. Every day, we interact with and participate in systems that defy conventional political, socioeconomic, and cultural boundaries. We commute across city or county lines, receive water and power from distant generation sites, enjoy art and performances that reflect area landscapes and cultures, and move from place to place seeking work, education, and opportunity. CRC research explores these regional dynamics in an informed, participatory, and socially responsible way. Our goal is to help changemakers make sense of the complex social, cultural, political, and economic forces that shape regions, and invest in a healthy, prosperous, sustainable, and equitable future.

### Fair Housing and Social Inclusion Fellowship



**Principal Investigator:** Michael Rios

**Funded by:** California Department of Housing and Community Development

**Years:** 2016-2017

The Fair Housing and Social Inclusion Fellowship program was created through a unique partnership between the CRC, and the California Department of Housing and Community Development (HCD). The program was designed to support the anticipated implementation of HUD's Affirmatively Furthering Fair Housing (AFFH) rule, (a mandate to reduce housing segregation and its impacts), and echo HCD's desire to advance fair housing practices in California.

The project convened a multidisciplinary team of instructors from UC Davis and the University of Kentucky to develop an engaging, experiential learning program for HCD staff around two key concepts behind AFFH: fair housing and social inclusion. The curriculum focused on the application of fair housing policies, examining such issues as implicit bias, cultural intelligence, and group dynamics. During the intensive five-month program, instructors facilitated innovative workshops, coached HCD staff to apply these concepts, and designed housing projects reflecting HCD's fair housing policies, programs, and practices. Fellows are working with HCD executive staff to implement the most promising policies, programs, and practices with the goal of promoting and advancing equitable housing opportunities throughout California.

**Project Team:** Carolyn Abrams, Bernadette Austin, Valerie Chiappone, Bryan Hains, and Kristina Hains.

The CRC was the natural place for Housing and Community Development to partner with and meet our needs to develop a cohort of fair housing professionals. The academic support, focus on community, regional action, and change for better communities, and the capacity to coach, mentor, and support staff, made the perfect blend for us to more fully institutionalize the concepts of inclusion and fair housing into our organization.

Lisa Bates, Deputy Director, California Department of Housing and Community Development

# REGIONAL DEVELOPMENT

## Sacramento County Integrated Transportation and Health Impact Model



**Principal Investigator:** Alex Karner, Jonathan K. London, and Dana Rowangould

**Funded by:** California Department of Transportation and the National Center for Sustainable Transportation

**Years:** 2016-2017

**Project Summary:** Dependence on automobile-based transportation has significant impacts on human health, both due to air pollution, and the reduced physical exercise otherwise provided by walking and biking. The CRC team has adapted the Integrated Transport and Health Impact Model, originally developed by James Woodcock and further refined by Neil Maizlish (a CRC Regional Advisory Committee member), to assess the physical activity, air quality, and traffic safety impacts of shifting mobility patterns from automobile to active transportation in the Sacramento region. This is being used to help inform the implementation of smart growth and Sustainable Communities Strategies, including Sacramento County's new policies on Complete Streets, Active Design, and other public health issues.

**Community Partners:** California Air Resources Board, California Department of Transportation, Institute for Local Government, Local Government Commission, Public Health Institute, Sacramento Air Quality Management District, Sacramento Area Council of Governments, Sacramento Department of Public Health, and Walk Sacramento.

**Project Team:** Mia Dawson, Ofurhe Igbinedion, and Yizhang Wu.

## Sacramento Promise Zone



**Principal Investigators:** Jonathan K. London and Deb Marois

**Funded by:** UC Davis Office of the Provost and UC Davis Office of the Chancellor

**Years:** 2016-2017

**Project Summary:** The Sacramento Promise Zone, a ten-year initiative of the U.S. Department of Housing and Urban Development, administered locally by the Sacramento Housing and Redevelopment Agency, is intended to promote five goals in disadvantaged communities extending from South Sacramento through Del Paso Heights: create jobs, increase economic activity, improve educational opportunities, improve health and wellness, and facilitate neighborhood revitalization.

As the official data and evaluation partner for this initiative, the CRC collaborated with Deb Marois (founder and principal of Converge Consulting, Research & Training, long-time member of the CRC Regional Advisory Committee, and alumna of the community development master's program) to design an evaluation guide for use by partners working in the Promise Zone area. The Sacramento Promise Zone guidebook uses a collective impact model to capture information about learning and innovation, provide a template for a Learning and Evaluation Council, and provide guidance to partners working toward their shared goals of community revitalization.

**Community Partners:** Sacramento Housing and Redevelopment Authority.

**Project Team:** Carolyn Abrams, Bernadette Austin, Valerie Chiappone, and Alex Cole-Weiss.



# REGIONAL DEVELOPMENT

## Changing the Narrative of Affordable Housing



**Principal Investigator:** Michael Rios

**Funded by:** California Chapter of the American Association of Retired Persons, The California Endowment, and the USDA Cooperative State Research, Education, and Extension Service

**Year:** 2016

**Project Summary:** The growing demand for affordable homes, coupled with increasing local opposition to such housing, has created an important impasse both locally and nationally. This project was designed to consider ways that often-contentious housing debates can be reframed in a positive and more inclusive way. The goal has been to educate the public about the value of affordable housing, and help skeptics understand the difference it can make in people's lives.

In this project, a team comprised of faculty, students, and CRC staff explored the opposition to and need for affordable housing in the Sacramento region. Utilizing data from primary and secondary sources—including interviews with local housing advocates and affordable home residents, as well as community workshops, academic journal articles, and materials from other housing campaigns—the study found a number of commonalities between the local struggle for affordable housing and similar efforts across the country.

The final report describes the project's approach, process, and findings, highlighting what is known nationally and locally about this important issue. It also identifies potential messages, framing, data, resources, and organizational strategies that could be included in a campaign to change existing narratives about affordable housing in the Sacramento region.

**Community Partners:** California Chapter of the American Association of Retired Persons, and Sacramento Housing Alliance.

**Project Team:** Bernadette Austin, Scott Ball, Valerie Chiappone, Christina Clem, Mary Doyle, Elizabeth Godkin, Jonathan K. London, Brandon Louie, Nancy McPherson, Michael Murray, Jeff Rader, and Darryl Rutherford.



# REGIONAL DEVELOPMENT

## Economic Indicators of the Sacramento-San Joaquin River Delta



**Principal Investigators:** Chris Benner, Catherine Brinkley, and Anne Visser

**Funded by:** California Delta Protection Commission

**Years:** 2015-2017

**Project Summary:** Sometimes called California's Holland for its intricate network of levees and islands, the Sacramento-San Joaquin River Delta is a drinking water source for over 20 million Californians. It is the heart of the state's urban, agricultural, and ecological water system, one of the most productive agricultural regions of the state, and a unique ecosystem imperiled by sea level rise and land subsidence. It has also been the subject of decades of conflicts between agricultural, urban, and environmental advocates and multiple rounds of policy and management initiatives. Two CRC reports have developed and analyzed a set of social and economic indicators of the Sacramento-San Joaquin Delta region, with special attention to the agricultural economy. The California Delta Protection Commission has adopted these indicators for use in a Sustainability Scoreboard. By tracking these values over time, the commission can monitor evolving socio-economic conditions in and around the delta.

**Project Team:** Cassie Hartzog, Sara Watterson, and Jessica Zlotnicki.

## Regional Opportunity Index



**Principal Investigators:** Chris Benner and Anne Visser

**Funded by:** Rabobank, N.A., Wells Fargo Bank, N.A., and Santander Bank, N.A.

**Years:** 2012-2017

**Project Summary:** Effective community economic development investment decisions require rigorous data collection about community needs and opportunities across multiple domains. Yet most current data and mapping tools are organized on geographic scales that are too large (e.g., by county), or are fragmented on an issue-by-issue basis. This limits their utility for community development purposes. To help low and moderate-income households, a new generation of data and mapping tools are needed that provide a finer-grained and more holistic analyses of communities.

The Regional Opportunity Index (ROI) is precisely such a tool. Launched through a partnership between the CRC and Rabobank, N.A., the ROI is an index for understanding social and economic opportunity in California communities. It was initially developed to guide and inform investments by organizations under the Community Reinvestment Act. Since then, it has been used to direct resources and shape policies in ways that serve people and places with the greatest need. The ROI provides banks, policy makers, advocates, and other key leaders with a powerful tool to identify communities with high levels of vulnerability, while also identifying communities that offer social and economic opportunity.

**Project Advisors:** Lee Beaulac, Principal of Beaulac Associates, LLC (Community Development); David Buchholz, Assistant Director, Federal Reserve Board of Governors' Division of Consumer and Community Affairs, Washington, D.C.; Stephen Menendian, UC Berkeley Haas Institute for a Fair and Inclusive Society; Dr.

## REGIONAL DEVELOPMENT

I started working with the CRC when I moved to Sacramento in 2007 and took the job as the Executive Director of the Sacramento Housing Alliance. More than any other academic institution I have worked with, they understand what it takes to be useful to a nonprofit organization and how to move quickly and nimbly enough to be relevant in public policy debates. The CRC provided research, paired us with interns, and helped us think through strategy to impact policy around housing, transportation, and land use. I worked most closely with Jonathan London and Chris Benner but I have benefited greatly from the CRC's work. In many ways, the CRC has been at the cutting edge of regional planning.

Shamus Roller, Executive Director, National Law Housing Project

Manuel Pastor, Sociology Professor, University of Southern California, Director, USC Program for Environmental and Regional Equity, and Director, USC Center for the Study of Immigrant Integration; John A. Powell, Professor, Executive Director, UC Berkeley Haas Institute for a Fair and Inclusive Society, and Robert D. Haas Chancellor's Chair, UCB Equity and Inclusion; Jason Reese, Research Director, Kirwan Institute for the Study of Race and Ethnicity, Ohio State University; Carolina Reid, Assistant Professor, UC Berkeley Department of City and Regional Planning; Justin Scoggins, Data Manager, USC Program for Environmental & Regional Equity and the USC Center for the Study of Immigrant Integration; and Dr. Robert Wiener, Executive Director, the California Coalition for Rural Housing.

**Project Team:** Hyejeong Choe, Sergio Cuellar, Nancy Erbstein (Co-PI), Diane Godard, Teri Greenfield, Cassie Hartzog, Keith Hodson, Gail Lampinen, Meng-Jie Li, Jonathan K. London (Co-PI), Mindy Romero, Nate Roth, Somayh Saleh, Krystyna von Henneberg, and Sara Watterson.

### Social Equity and Regional Planning in the San Joaquin Valley



**Principal Investigators:** Alex Karner, Jonathan K. London, and Dana Rowangould

**Funded by:** Resources Legacy Fund

**Years:** 2012-2015

**Project Summary:** The San Joaquin Valley is a place of great contradiction. The source of much of California's agricultural and petro-chemical wealth, the valley is also the site of profound poverty and serious environmental hazards, both of which affect many of the people who produce this bounty. In particular, many residents are subject to significant air pollution from local industries and from traffic on the valley's major highways. The CRC worked with a diverse coalition of environmental justice and health advocates to integrate social equity into regional transportation, land use, and housing plans, to reduce air pollution in the region. This project involved developing social equity indicators, designing health impact assessments of regional planning scenarios, and consulting with community partners on effective methods to integrate these data tools

into the planning process. Social equity advocates used the CRC's work to achieve significant victories, including launching a small grants program focusing on environmental justice, setting up a social equity needs assessment in Fresno, and creating a social equity-oriented Sustainable Communities Strategy in San Joaquin County. Findings from the CRC's environmental justice analysis were also integrated into the Kern County Sustainable Communities Strategy.

**Community Partners:** Community Equity Coalition, a group that comprises over 30 environmental justice, health, and conservation organizations.

**Project Team:** Catherine Garoupa-White.

# REGIONAL DEVELOPMENT

## Sacramento Region Sustainable Communities Planning Project



**Principal Investigators:** Chris Benner and Jonathan K. London

**Funded by:** Sacramento Area Council of Governments and US Department of Housing and Urban Development

**Years:** 2012-2013

**Project summary:** Sustainable Communities Strategies (SCS) are plans to promote development in metropolitan regions that reduce greenhouse gas emissions while enhancing environmental quality, public health, economic prosperity, and social equity. The CRC worked with Sacramento Area Council of Governments (SACOG) and a diverse range of partners to help develop a SCS focusing on accelerated smart growth and transit-oriented development for the SACOG region. The recommendations of this SCS were to be embedded in SACOG's Metropolitan Transportation Plan (MTP 2035). The CRC developed an innovative set of multi-indicator indices to identify high-vulnerability populations, spatial concentrations of hazards and risk factors, and access to regional

opportunities. The project helped inform the selection of Transit Priority Zone projects supported through the SCS, as well as informing its environmental justice analysis.

**Community Partners:** Coalition on Regional Equity.

**Project Team:** Teri Greenfield and Bidita Tithi.

## Sacramento Coalition on Regional Equity Collaborative Assessment of Regional Development (SCORECARD)



**Principal Investigators:** Chris Benner and Jonathan K. London

**Funded by:** The California Endowment and Coalition on Regional Equity

**Years:** 2009-2010

**Project Summary:** This report provided an overview of levels and patterns of opportunity and disparity in the Sacramento region. It is part of a longer-term process to support advocacy and organizing for regional equity and health in the six-county Sacramento region. The project dynamically links community involvement with regional mapping and Geographic Information Systems analysis. It answers the following three questions: what are the patterns of social and economic opportunity in the Sacramento region? Is the region growing more or less equitable over time? Lastly, what are key areas of improvement and concern? The findings of the

report have informed the strategies of the Coalition on Regional Equity, a collaboration of over a dozen civil rights, affordable housing, homeless advocacy, legal aid, labor, and other organizations working to promote social equity in the Sacramento region.

**Community Partners:** The Coalition on Regional Equity, including ACORN/ACCE, Alchemist CDC, California Pan-Ethnic Health Network, Chicano Consortium of Sacramento, Environmental Council of Sacramento, Legal Services of Northern California, Mercy Housing, Mutual Housing, Paratransit, Resources for Independent Living, RiderShip for the Masses, Rural Community Assistance Corporation, Sacramento Habitat for Humanity, Sacramento Housing Alliance, Sol Collective, Solistic Institute, Ubuntu Green, and Walk Sacramento.

**Project Team:** Kendra Bridges, Teri Greenfield, and Eric Schultheis.



## YOUTH HEALTH AND WELL-BEING

Disparities in youth health and well-being threaten both the present vitality and long-term sustainability of our regions. Conversely, supporting youth wellness, leadership, and empowerment can be a potent way to protect and enhance communities' collective interests.

The CRC uses applied research to understand and disrupt disparities related to race, ethnicity, class, gender, sexuality, and immigration status, along with other factors that hinder the healthy development of children and youth. The center has also been active in training and mentoring young equity advocates and their adult allies to use data to improve these conditions.

## From the Ground Up: Increasing Latina/o Participation in Youth Development Programs



**Principal Investigators:** Fe Moncloa and Nancy Erbstein

**Funded by:** UC Agriculture and Natural Resources

**Years: 2016-2018**

**Project Summary:** Meeting the 4-H mission of serving all young people well requires building strong relationships with diverse U.S. youths and communities. From 1980 to 2013, the number of Latinos in the population who are under 18 years of age increased more than 300%. Latino children and youths are more likely to experience economic poverty, and less likely to enroll in extracurricular activities and college than their peers of other racial/ethnic backgrounds. Increasing and enhancing Latina/o 4-H participation promises to both help address Latina/o youth needs, and help California and the nation benefit from the Latina/o community's many talents and abilities.

To help strengthen the 4-H engagement of Latina/o youth, this mixed-method study focused on identifying the characteristics of youth development programs that successfully sustain Latina/o youth participation in three California counties: one primarily urban, one rural, and one including urban and rural areas. Lessons learned from the study will be shared with the statewide and national 4-H youth development programs, as well as the youth development field more broadly.

**Community Partners:** 15 Latina/o youth-serving community-based organizations.

**Project Team:** José Campos, Claudia Damiani-Fontana, Claudia Díaz-Carrasco, Yolva Gil, Russell Hill, Stacy Shwartz Olagundoye, and Aarti Subramanian.

# YOUTH HEALTH AND WELL-BEING

## Building Equitable Student Transportation



**Principal Investigators:** Nancy Erbstein and Alex Karner

**Funded by:** The California Endowment

**Years:** 2016-2017

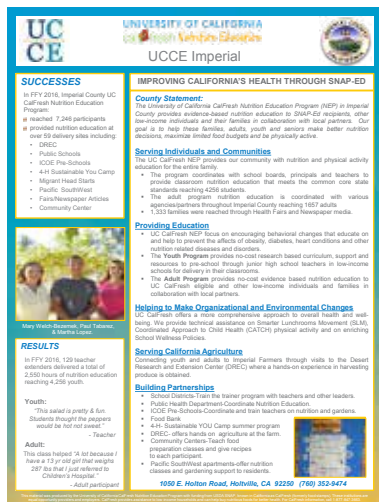
**Project Summary:** This project sought to examine the vitally important yet insufficiently studied relationship between transportation planning policy and public school attendance. To do so, it analyzed students' public transit and pedestrian access to schools in two urban California school districts: Sacramento and San Diego. The goal was threefold: to understanding how well public transit serves students across neighborhoods and populations; to document how service has changed over time; and to explore the link between transportation service and school attendance.

The results of this study are being used to develop more effective interventions in these two localities. They are also being used to draw attention to the intersection of transit equity and education equity in state and national policy arenas, while informing further research on these issues.

**Community Partners:** The California Endowment, City Heights Building Healthy Communities, Sacramento Regional Transit, Sacramento Unified School District, San Diego Metropolitan Transit System, San Diego Unified School District, and South Sacramento Building Healthy Communities.

**Project Team:** Cassie Hartzog, Kristen Morizono, and Zahedus Sadat.

## UC CalFresh Nutrition Education Program Development



**Principal Investigator:** Nancy Erbstein

**Funded by:** UC CalFresh Nutrition Education Program

**Years:** 2016-2017

**Project Summary:** The CRC is helping to develop integrated youth leadership and nutrition education programs that engage young people in using data to effect nutrition policy, systems, and environmental change. CRC staff have designed and delivered trainings for federally-funded nutrition educators throughout California on our data map systems; provided strategic consultation on youth engagement, youth participatory action research, and mapping use in counties supported by UC CalFresh and UC ANR; and collaborated with county-based nutrition educators to document their youth engagement efforts in order to inform replication and evaluation design.

**Community Partners:** California Department of Public Health, County Departments of Public Health throughout California, County-based UC CalFresh sites, and the Public Health Institute.

**Project Team:** Valerie Chiappone, Sergio Cuellar, Brandon Louie, and Mitchell Jett Yang.

# YOUTH HEALTH AND WELL-BEING

## Putting Youth on the Map/Making Youth Data Matter



**Principal Investigator:** Nancy Erbstein and Estella Geraghty

**Funded by:** The California Endowment, Center for Collaborative Research for Equitable California, Sierra Health Foundation, and UC Agriculture and Natural Resources

**Years:** 2013-2017

**Project Summary:** California wants and needs for its youth to thrive—not merely to survive or face fewer problems. Yet, how do we know whether our young people are doing well? To answer this question, the CRC created a Youth Well-Being and Youth Vulnerability Index for California, and made data derived from this index available through a new online data-mapping website. This index provides a score for each California school district. The scores are based on measures of teenagers’ physical and emotional health, educational outcomes, social relationships, and community involvement. The index also identifies places where young people likely face inadequate support for their well-being at especially high rates, using a composite score that considers such conditions/circumstances as leaving secondary school without graduating, being referred to foster care, having a very low family income, and being a teen mother.

To help youth leaders and their allies make effective use of these maps, the CRC launched Making Youth Data Matter. This curriculum and training program helps users understand the power and pitfalls of maps, and to learn how to use them as tools for self-empowerment and community change. This curriculum has been employed by youth-led land use and transportation planning projects, as well as organizations and initiatives such as the Obama Administration’s My Brother’s Keeper, The California Endowment’s Building Healthy Communities, and Boys and Men of Color. It has also been adapted for use in Nepal by Nepalese NGO Kathmandu Living Labs, which is active in global mapping networks.

Putting Youth on the Map garnered attention from many international collaborators and campus visitors, including the UNICEF Chief of Child Protection. In 2016, Putting Youth on the Map was presented at the White House as part of The Opportunity Project. In 2017, it was recognized by University of California as a recipient of the Larry L. Sautter Golden Award for Innovation in Information Technology.

**Community Partners:** The initial launch was supported by the Centro Binacional para el Desarrollo Indígena Oaxaqueño, Eastern Coachella Valley Building Healthy Communities, Fathers and Families of San Joaquin, Merced Organizing Project/Faith in Merced, MILPA, South Sacramento Building Healthy Communities, and Vestra. Subsequently we have partnered with hundreds of entities, including community-based organizations, government agencies, student and youth networks, community college and UCD faculty (and their students) in such fields as education, Chicano/a studies and public health.

**Project Team:** Dennis Carrasquilla, Hyeyeung Cho, Sergio Cuellar, Glenda Drew, David Ginsburg, Charles Go, Diane Godard, Teri Greenfield, Beth Hart, Cassie Hartzog, Russell Hill, Shrayas Jatkar, Meghan Jordan, Yohei Kato, Jonathan K. London, Brandon Louie, Anna Martin, Fe Moncloa, Irvis Orozco, Gloria Rodriguez, Mindy Romero, Sheryl-Ann Simpson, Terri Spezzano, Constance Schneider, Bidita Tithi, Sara Watterson, and Steven Worker.

# YOUTH HEALTH AND WELL-BEING

## Chronic Absence in the Sacramento City Unified School District



**Principal Investigator:** Nancy Erbstein

**Funded by:** Sacramento City Unified School District, The California Endowment, and Sierra Health Foundation

**Years:** 2012-2017

**Project Summary:** Chronic school absence has been associated with a number of poor outcomes for students, schools, and communities. Since 2012, CRC faculty affiliate Nancy Erbstein and the CRC staff have been working with the Sacramento City Unified School District (SCUSD) and a range of community organizations to understand and address the causes of chronic school absenteeism. Early analyses of data from almost 200 chronically absent students and their families found that they experienced on average ten or more barriers to school attendance. The mix of barriers varied across families, but included issues related to health, transit, workplace policies, and school climate. Positive peer and student-staff relationships were the top reasons that inspired these students to get to school, despite these many attendance barriers. Since then, a series of briefs and reports have further quantified and analyzed the problem and reported on district efforts to reduce chronic absenteeism.

As a result of this research, the SCUSD has created a district-wide chronic absence reduction strategy and received \$1.7 million in grant funds for its implementation.

**Community Partners:** City Year, Community Link, Parent Teacher Home Visit Project, Sacramento City Unified School District, and South Sacramento Building Healthy Communities.

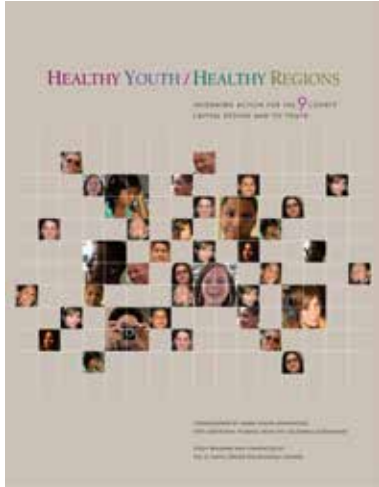
**Project Team:** Valerie Chiappone, Laya Cooperman, Cassie Hartzog, Kristin Morizono, Hy Tran Nguyen, Jennifer Place, Stacy Schwartz Olagundoye, Vanessa Talavera, and Krystyna von Henneberg.





# YOUTH HEALTH AND WELL-BEING

## Healthy Youth/Healthy Regions



**Principal Investigators:** Chris Benner, Joshua Breslau, David Campbell, Nancy Erbstein, Patsy Eubanks-Owens, Estella Geraghty, Jonathan K. London, Michael Rios, and Gloria Rodriguez

**Funded by:** The California Endowment and Sierra Health Foundation

**Years:** 2009-2011

**Project Summary:** Here in the Sacramento region, as elsewhere, our collective fate will be shaped by young people's present conditions and future possibilities. To explore these issues, the CRC conducted a regional study integrating five interrelated measures of youth well-being: 1) education, 2) physical and mental health, 3) employment, 4) civic engagement, and 5) the built environment.

Named Healthy Youth/Healthy Regions, the study draws upon quantitative secondary data, qualitative data, and youth-generated data to document disparities in resources and opportunities available to the region's youth based on their geographic location, socioeconomic status, race, ethnicity, immigration status, and other factors. It also highlights promising practices and bold solutions advocated by youth and adult leaders throughout the region.

This report urges leaders and community members to think regionally about youth, stressing that the conventional demarcations frequently used to plan and allocate public resources fail to account for young people's highly mobile lives. The report has been used by leaders in the youth advocacy, policy, business, and philanthropy sectors to promote collaborative regional approaches to reducing disparities in youth well-being.

**Community Partners:** Galt Area Youth Coalition, Hmong Women's Heritage, La Familia Counseling Center, The Met Sacramento High School, Sacramento ACT/Meadowview Partnership, Sacramento Gay and Lesbian Center, South Sacramento Coalition for Future Leaders, Sutter/Yuba Friday Night Live, UC Davis School of Education/Center for Community School Partnerships, West Sacramento Youth Resource Coalition/Sactown Heroes, Wind Youth Services, Woodland Coalition for Youth, and Youth in Focus.

**Project Team:** Omotunde Adesina, Jennifer Alexander, Rebeca Burciaga, Johnathen Duran, Kristana Erikson, Mike Fitzgerald, Anne-Marie Flynn, Teri Greenfield, Cassie Hartzog, Michelle Kuhns, Larisa Jacobsen, Gideon Mazinga, Kindra Montgomery-Block, Dina Okamoto, Amanda Perry, Carol Ramirez, Mindy Romero, jesikah maria ross, Socorro Shiels, Florence Surratt, and Bidita Tithi.

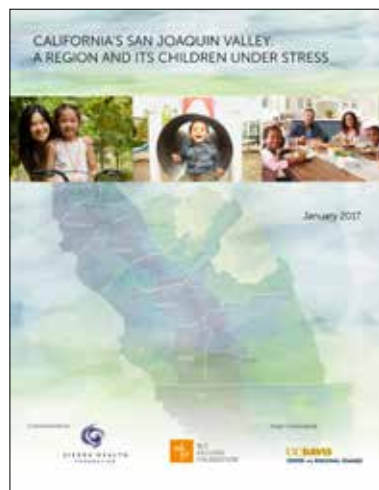
The Center for Regional Change has been a valued partner of the foundation since it launched over nine years ago. Not only do they have the ability to produce highly credible research utilizing their diverse expertise, they share our commitment to racial and health equity, and truly understand the importance of community voice.

Diane Littlefield, Vice President of Programs and Partnerships, Sierra Health Foundation

# YOUTH HEALTH AND WELL-BEING

## Children and Families in California's San Joaquin Valley

The San Joaquin Valley faces high rates of poverty that disproportionately affect immigrant and non-citizen communities. Children in these affected communities are especially at risk. These children often have inadequate access to healthy food, live in communities with unsafe drinking water and harmful air pollution, and are exposed to violence in their neighborhoods. Repeated exposure to adversities like these can produce toxic levels of stress that often have negative and long-lasting effects on learning, behavior, and health. The CRC has produced three reports on the status of children, youth and families in this vital and challenged region of the state to help inform community advocacy, public policy, and philanthropy.



## California's San Joaquin Valley: A Region and Its Children under Stress

**Principal Investigator:** Cassie Hartzog and Nancy Erbstein

**Commissioned by:** San Joaquin Valley Health Fund, the W.K. Kellogg Foundation, and Sierra Health Foundation

**Year:** 2016

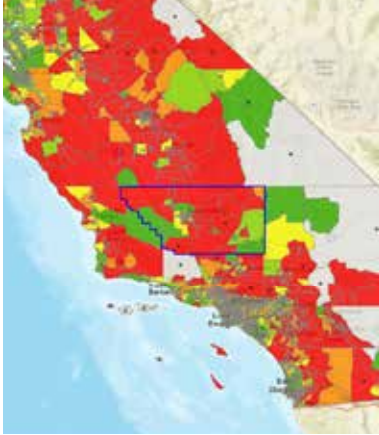
**Project summary:** This CRC report documents the status of children ages 0-8 in the San Joaquin Valley, highlighting patterns of health and well-being, in order to inform the investment strategies of the San Joaquin Valley Health Fund. It draws on a series of community meetings with impacted residents, who convened to identify local assets and priorities for meeting children's health needs and promoting greater health equity in the San Joaquin Valley.

**Community Partners:** Pan Valley Institute, and UC Agriculture and Natural Resources Cooperative Extension.

**Project Team:** Carolyn Abrams, Jonathan K. London, Jason Mendez, and Sara Watterson.

# YOUTH HEALTH AND WELL-BEING

## Kern County: Geography of Inequity and Opportunities for Action



**Principal Investigator:** Cassie Hartzog

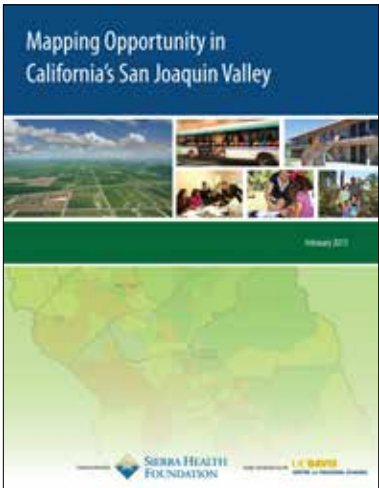
**Commissioned by:** The California Endowment and W.K. Kellogg Foundation

**Year:** 2017

**Project Summary:** Kern County's fertile soil and extensive oil and mineral deposits are a source of wealth, but prosperity eludes many of Kern's residents, who struggle to make ends meet on low-wage jobs. This report shows that some residents of Kern County lack access to basic necessities such as clean air and water, healthy food, safe neighborhoods, high-quality schools, and health care. It documents the harsh social, economic, environmental, and political conditions that contribute to the county's health inequalities. It also examines local efforts by non-profit organizations to increase community capacity to advocate for social and health equity in the county, as well as throughout the region.

**Project Team:** Carolyn Abrams, Nancy Erbstein, Jonathan K. London, Jason Mendez, and Sara Watterson.

## Mapping Opportunity in California's San Joaquin Valley



**Principal Investigator:** Jonathan K. London

**Commissioned by:** Sierra Health Foundation

**Year:** 2015

**Project Summary:** Using maps and data from the CRC's Regional Opportunity Index and Putting Youth in the Map, this report provides an overview of civic, economic, environmental, health, housing, and transportation challenges and opportunities in the San Joaquin Valley Region. This report has been used to inform the investments of Sierra Health Foundation and San Joaquin Valley Health Fund in revitalizing the region.

**Project Team:** Nancy Erbstein, Cassie Hartzog, Jason Mendez, Sara Watterson, and Krystyna von Henneberg.



# CALIFORNIA CIVIC ENGAGEMENT PROJECT

The California Civic Engagement Project (CCEP) is a civic engagement research and outreach initiative for the state of California and the nation. Founded and directed by Mindy Romero, it is housed at the CRC. The CCEP's mission is to conduct non-partisan research to inform policy and on-the-ground efforts for a more engaged and representative democracy, improving the social and economic quality of life in communities. The following are some of the CCEP research projects over the last five years.

**CCEP Project Team:** Laura Day, Chanel Ruiz-Mendez, Jason Mendez, Jennifer Puza, and Krystyna von Henneberg.

## Vote Center Siting Tool for the Voter's Choice Act



**Principal Investigator:** Mindy Romero

**Funded by:** James Irvine Foundation

**Years:** 2017-2018

**Project Summary:** Together with DataKind, the CCEP is developing a new mapping tool designed to provide assistance to California county election offices seeking to implement the new Voter's Choice Act. The goal of this tool is to help election officials make informed decisions about where to locate Vote Centers and Vote-By-Mail drop boxes, while minimizing the risk of voter confusion and decreased participation, especially for voter groups that have been historically underrepresented in California's electorate.

**Community Partners:** DataKind.

## Mapping California's Politically Vulnerable Communities



**Principal Investigator:** Mindy Romero

**Funded by:** James Irvine Foundation

**Year:** 2016

**Project Summary:** The CCEP, in partnership with the California Secretary of State's Office, presented an innovative visualization of political participation in California's communities. Using geographic information system technology, the CCEP created a new, publicly available interactive web platform that maps the relationship between low voter turnouts, and the economic, educational, and health challenges faced by communities in California.

**Community Partners:** California Secretary of State's Office.

# CALIFORNIA CIVIC ENGAGEMENT PROJECT

## The California Voter Experience Study



**Principal Investigator:** Mindy Romero

**Funded by:** James Irvine Foundation

**Years:** 2015-2017

**Project Summary:** The CCEP sought to better understand the experiences that California voters have with different methods available for casting a ballot. To do so, it conducted a multi-method research study using statewide survey and focus groups. Titled The California Voter Experience Study, the project gathered information from a diverse range of voters to understand how different populations in the state are experiencing the current Vote-By-Mail system and polling places. It also explored how voters perceive the proposed changes in California's voting system currently being considered by state decision-makers.

**Community Partners:** Asian Americans Advancing Justice Los Angeles, California Foundation for Independent Living Centers, Greenlining Institute, and the National Association of Latino Elected and Appointed Officials Educational Fund.

## Effects of the Ballot Initiative Transparency Act



**Principal Investigator:** Mindy Romero

**Funded by:** James Irvine Foundation

**Years:** 2015-2017

**Project Summary:** The CCEP analyzed the possible early effects of the Ballot Initiative Transparency Act (BITA) of 2014 and developed recommendations based on research findings. Specifically, BITA provides Californians with a 30-day online public comment period, and new guidelines to determine when joint legislative public hearings should be held. BITA also allows initiative proponents the opportunity to withdraw their measures before they qualify for the ballot. The research for this project constitutes an important first examination of the extent of public engagement in the early stages of California's initiative process. In particular, it examines whether initiative revisions result in substantive differences in ballot initiatives, and how effectively these revisions incorporate the input and concerns of voters.

# CALIFORNIA CIVIC ENGAGEMENT PROJECT

## Online Voter Registration



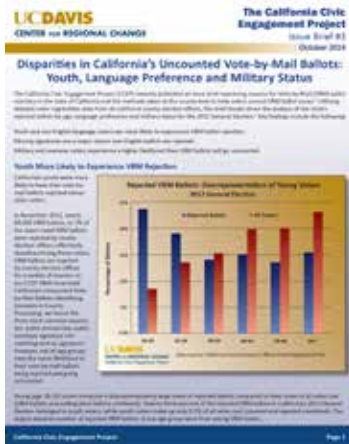
**Principal Investigator:** Mindy Romero

**Funded by:** James Irvine Foundation

**Years:** 2015-2017

**Project Summary:** The introduction of online voter registration (OVR) was a significant election reform aimed at expanding the state's electorate, and encouraging the registration of historically underrepresented groups. In approaching the four-year anniversary of this landmark change, the CCEP asked what impact has OVR had on California's large and diverse electorate. This research examined the use of OVR across the state by geography, race, age, income level, and party affiliation.

## Examining California's Vote-By-Mail Ballots



**Principal Investigator:** Mindy Romero

**Funded by:** James Irvine Foundation

**Years:** 2013-2014

**Project Summary:** The CCEP, in partnership with the Future of California Elections, launched a research study examining California's Vote-By-Mail (VBM) ballots. This groundbreaking research is the first to comprehensively examine the composition of California's 2012 VBM voters—including those who were unable to vote using this method—and to examine obstacles to its successful use. This research also identified changes in the demographic composition of these voters during the last decade.

**Community Partners:** Future of California Elections.



## ART OF REGIONAL CHANGE

The Art of Regional Change (ARC) brought scholars, students, artists, and community groups together to collaborate on media arts projects to strengthen communities, generate engaged scholarship, and inform regional decision-making. A joint initiative of the CRC and the UC Davis Humanities Institute, ARC pioneered interdisciplinary projects throughout the region from 2008-2012. Each project produced community media, public scholarship, and social impacts in both the university and community settings. In addition to acting as the Principal Investigator (PI) on all the projects that flourished under ARC, jesikah maria ross is also ARC's founder and director.

**All ARC Projects Funded by:** California Council for the Humanities; Center for Regional Change; College of Agricultural and Environmental Sciences; Consortium for Women and Research; UC Agriculture and Natural Resources; Division of Humanities, Arts, and Cultural Studies; Humanities Institute; Quitiplas Foundation; UC Humanities Research Institute; UC Institute for Research in the Arts; and University Outreach and International Programs.

### Restore/ReStory



**Principal Investigator:** jesikah maria ross

**Years:** 2010-2012

**Project Summary:** This project engaged over 200 Yolo County residents in producing a people's history of the Cache Creek Nature Preserve in Woodland, California. This involved creating an audio walking tour of this restored cultural and natural landscape, and drawing on voices from Native American elders, residents, environmentalists, farmers, miners, and policymakers. It also included an interactive website featuring a story map, digital murals, and an historical timeline of the area. The project culminated in a series of participatory rural arts events where audiences engaged with stories, the land, and each other.

**Community Partners:** The Cache Creek Nature Preserve.

**Project Team:** Laurie Glover, Kathryn Hayes, Tim Kerbavaz, Tim McNeil, Beth Rose Middleton, Michael Smith, Joanna Tague, and Ashley Woodbury.

## ART OF REGIONAL CHANGE



### Chicano Movement Sacramento

**Principal Investigator:** jesikah maria ross

**Year:** 2010

**Project Summary:** Chicano Movement Sacramento brought students, artists, activists, and scholars together to produce video interviews of cultural workers who participated in the Chicano Civil Rights Movement during 1960s and 1970s in the Sacramento region. By collecting the oral histories of Chicano/a activists, the project connected classroom learning with living history and, in the process, built a collective archive to document historic Chicano struggles for future generations.

**Community Partners:** The Chicana/o Studies Department at UC Davis and Taller Arte del Nuevo Amanecer.

**Project Team:** Miroslava Chávez-García, Rudy Cuellar, Graciela B. Ramirez, Marianna Rivera, and Richard Soto.

### Youth Voices for Change

**Principal Investigator:** jesikah maria ross

**Years:** 2009-2011

**Project Summary:** Urban youth, artists, and scholars documented neighborhood conditions in West Sacramento that affect the lives of young people, in ways that express their hopes for the future. Together, participants generated an interactive web-map, audio and video recordings, a comic book, and an art exhibition—all to help policymakers design programs that better reflect the concerns and dreams of underserved youth.

**Community Partners:** West Sacramento Youth Resource Coalition.

**Project Team:** Yaminah Bailey, Leticia Carrillo, Miroslava Chávez-García, Patsy Eubanks Owens, Robert McKee Irwin, Evan Schmidt, and Michael Ziser.

# ART OF REGIONAL CHANGE



## Passion for the Land

**Principal Investigator:** jesikah maria ross

**Years:** 2008-2010

**Project Summary:** Passion for the Land brought together ranchers, cooperative extension agents, artists, and scholars to produce and present digital stories about the contemporary challenges to agricultural viability in the Sierra Valley. The project enabled residents to share stories about sustaining their rural way of life and bring their stewardship struggles and successes into policy conversations taking place in urban centers.

**Community Partners:** Plumas-Sierra Counties and University of California Cooperative Extension.

**Project Team:** Ryan Galt, Holly George, Marian Parsons, and Louis Warren.

## Up from the UnderStory

**Principal Investigator:** jesikah maria ross

**Years:** 2008-2009

**Project Summary:** This project engaged rural youth, community leaders, artists, and scholars in documenting community revitalization efforts in the Blue Mountain region of the Sierra Nevada. Together, these participants created photos, maps, videos, and a PBS documentary telling the story of how their isolated foothill community struggled to overcome social, economic, and environmental challenges, following a century of mining and logging.

**Community Partners:** Blue Mountain Coalition for Youth and Families; Calaveras County Behavioral Health Services; and Calaveras County Probation Department.

**Project Team:** Ryan Galt, Denise Nicole Green, Cathrine Lambie, Julie Sze, Julie Wyman, and Mike Ziser.





# FINANCIAL REPORT

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## Core Organizational Funding

UC Davis College of Agricultural and Environmental Sciences

## Program Funding

### UC Davis

Center for Collaborative Research for an Equitable California  
Division of Humanities, Arts, and Cultural Studies  
Global Affairs, University Outreach and International Programs  
Humanities Institute  
Institute for Social Sciences  
John Muir Institute of the Environment  
Office of the Chancellor  
Office of the Provost  
National Center for Sustainable Transportation  
UC Agriculture and Natural Resources  
UC CalFresh Nutrition Education Program  
UC Humanities Research Institute  
UC Institute for Research in the Arts  
University of California

### Foundations

The California Endowment  
California Water Foundation  
California Wellness Foundation  
Ford Foundation  
James Irvine Foundation  
Quitiplas Foundation  
Resources Legacy Fund  
Sacramento Region Community Foundation  
San Joaquin Valley Health Fund  
Sierra Health Foundation  
William and Flora Hewlett Foundation  
W.K. Kellogg Foundation

## Grants and Contracts

Blue Mountain Coalition for Youth  
California Council for the Humanities  
California Delta Protection Commission  
California Department of Housing and Community Development  
California Institute for Rural Studies  
California Department of Transportation  
Center for Collaborative Research for Equitable California  
Coalition on Regional Equity  
Commons Civic Planning and Development/CA AARP  
Community Link Capital Region  
Consortium for Women and Research  
Metropolitan Transportation Commission  
National Center for Sustainable Transportation  
National Institute of Environmental Health Sciences  
Rabobank, N.A.  
Santander Bank, N.A.  
Sacramento Area Council of Governments  
Sacramento City Unified School District  
Sacramento Housing Alliance/Coalition for Regional Equity  
Sacramento Metropolitan Air Quality Management District  
US Department of Housing and Urban Development  
USDA Cooperative State Research, Education, and Extension Service  
Wells Fargo Bank, N.A.



# FINANCIAL REPORT

## Major Gifts

Betty Lou Bradshaw

David H. Hosley and gayle yamada

Marion and Peter London Innovation Fund

## Donors

David Campbell and Mary Lynn Tobin

Matthew Cervantes

Daniel Chiappone

Valerie Chiappone

Camille Gilroy

Rachel Iskow

Shrayas Jatkar

Elizabeth and Michael Kersten

Laura and William Lacy

Julia Lave Johnston

Deb Marois

Gregory Miller

Pamela Pacelli and Michael Harty

Carolyn Penny

Ann Potenza and Joshua Smith

Lisa Pruitt and David Herbert

jesikah maria ross

Anne-Marie and Richard Seyman

Stacy Shwartz Olagundoye

David Singleton

Allyson Taylor

Donald Terry

Mona Tawatao

Victoria Torres-González

Victoria Urbi

Katherine Valenzuela-Garcia

Kathy and Robert Ware

Stephen Wheeler

We created the Marion and Peter London Innovation Fund to help catalyze support for the crucial work of the CRC in promoting social and environmental justice through community-university partnerships. The CRC embodies our values of what a public university should be: of the people, for the people and by the people. Please join us in supporting the CRC.

Marion and Peter London, London Innovation Fund

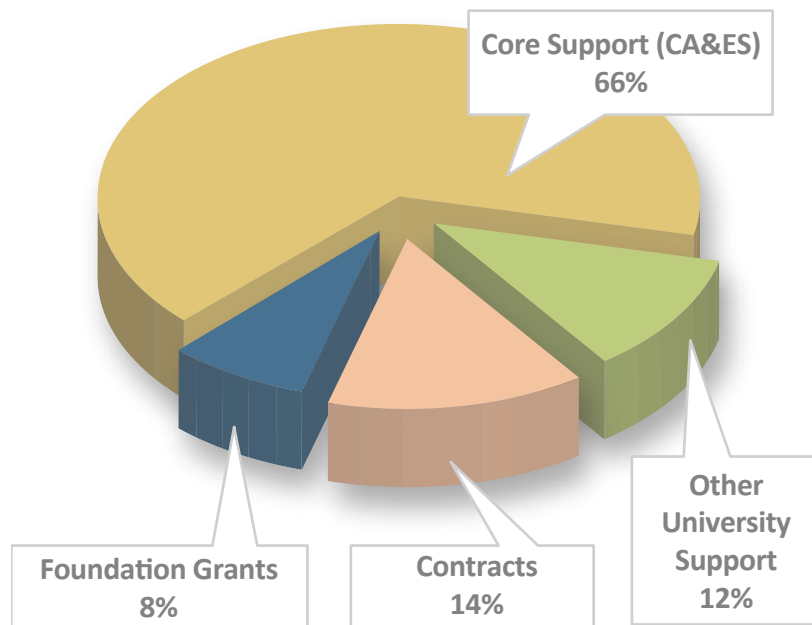


# FINANCIAL REPORT

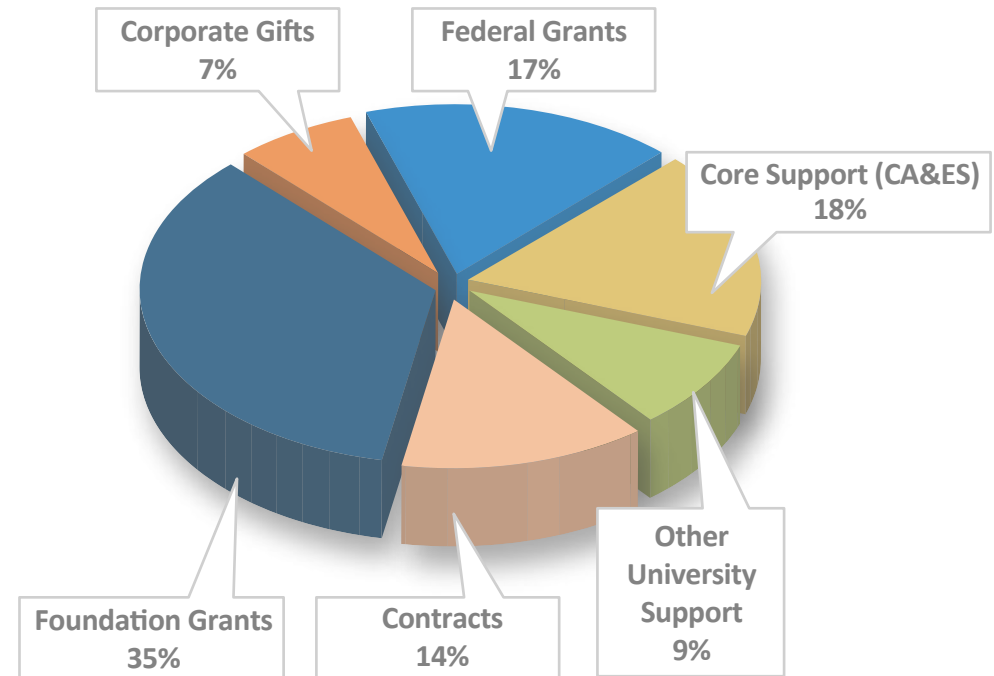
## Revenue

Since the CRC was founded, we have progressively and significantly increased the size of our budget and the diversity of our sources, receiving crucial and generous support from the College of Agricultural and Environmental Sciences. Funding from private sources now accounts for 56% of our budget, and comes in the form of support from foundations, as well contracts and corporate gifts. Federal funds account for the remaining 17% of our budget.

### FY 2007-08



### FY 2016-17



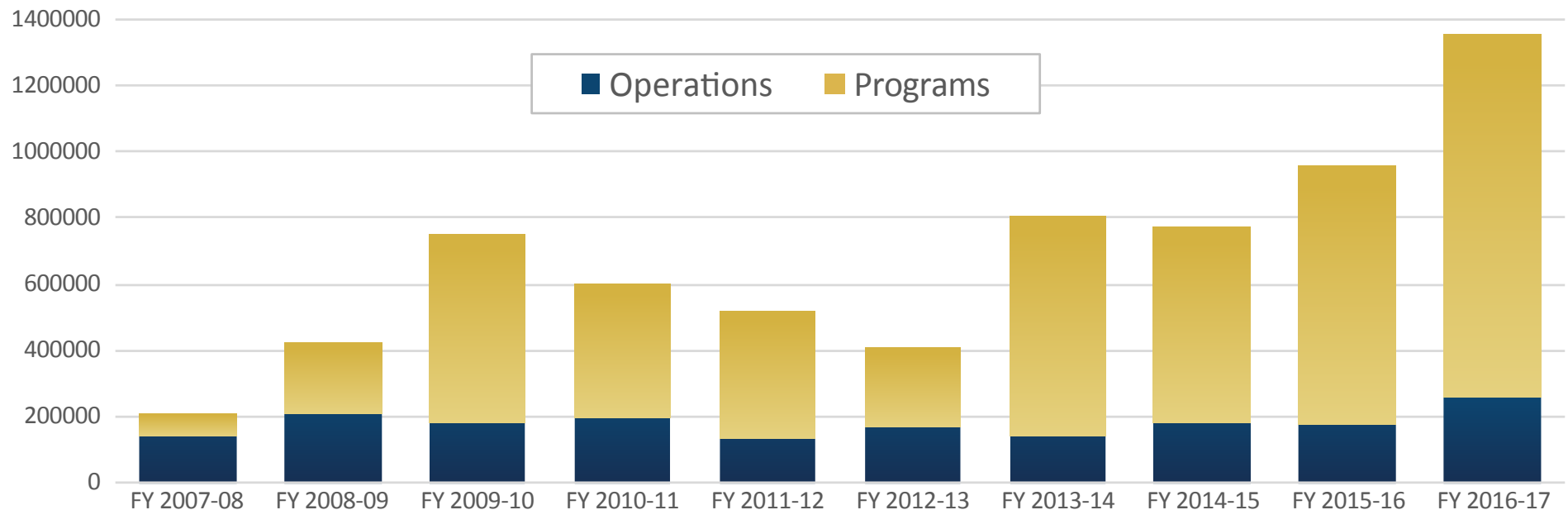


# FINANCIAL REPORT

## Expenditures

Our operating costs have remained relatively constant over the past ten years. During this period, in collaboration with project PIs, we have managed to grow our research and programs by an average of 24% annually without significantly increasing overhead costs. Contributions from the university have covered the majority of the costs associated with the operating budget, allowing funding from outside the university to directly fund research and programs. Our growth has occurred almost exclusively in the area of programmatic activities. As the number, size, and scope of CRC projects has increased, we have attracted an increasing number of academic staff. In the last five years alone, the number of academic staff affiliated with the CRC has increased by 50%.

### Programmatic Versus Operational Budgets



GAIL LAMPINEN  
PROGRAMMER AND GIS ANALYST



DENNIS PENDLETON  
DEAN EMERITUS, UC DAVIS EXTENSION  
AND CRC REGIONAL ADVISORY COMMITTEE MEMBER



CASSIE HARTZOG  
DIRECTOR OF INFORMATICS







**SUPPORTING  
THE CRC'S WORK**



# SUPPORTING THE CRC'S WORK

## Friends of Regional Change Donor's Circle

Become a friend of the Center for Regional Change! Help us meet our commitment to produce research that is relevant and action-oriented for changemakers in the policy, non-profit, business, and foundation sectors.

Your support will help empower the CRC to:

- Train the next generation of regional change scholars.
- Generate innovative, solutions-oriented research to resolve pressing social issues.
- Put CRC research into the hands of regional leaders in the policy, advocacy, business, and philanthropic sectors.

Our work is enhanced by your partnership. We ask you to please consider joining our Friends of Regional Change Donors' Circle. Your tax-deductible contribution will help the CRC lead efforts to promote healthy, prosperous, sustainable, and equitable change on a regional scale.

\$500 – CRC Engaged Student Scholar Stipend  
\$1,000 – Sponsorship of a Public Lecture  
\$10,000 – Graduate Student Fellowship  
\$50,000 – Faculty Seed Grant Program to Catalyze Innovative Regional Change Research  
\$100,000 – Endow a Graduate Student Fellowship  
\$1,000,000 – Endow and Name the Community and Regional Mapping Laboratory  
\$2,500,000 – Endow and Name a Faculty Chair in Regional Change

We welcome contributions of any size to support our programs—present and future. Thank you for your support!

### TO DONATE ONLINE

<https://give.ucdavis.edu/ASRC/SRCVARD>

### TO DONATE BY MAIL

Please make checks payable to "UC Regents"  
UC Davis Center for Regional Change  
One Shields Avenue, Wickson Hall 2019  
Davis, CA 95616

### TO DISCUSS OPTIONS FOR GIVING TO THE CRC

Please contact: Pam Pacelli  
Senior Director of Development  
College of Agricultural and Environmental Sciences  
[pmpacelli@ucdavis.edu](mailto:pmpacelli@ucdavis.edu)

I'm thankful for the guidance and kindness I received at UC Davis.

In particular, my professional and personal experiences at the CRC have been instrumental in helping me find a footing within state civil services!

Geetika Joshi, Ph.D., Microbial Ecology, and Senior Environmental Scientist at the CA Department of Food and Agriculture

As a UCD graduate student, I worked with the CRC on two local projects: analyzing affordable housing barriers and a youth-led participatory action research initiative. Neither of these efforts would have been possible without the support, resources, and expertise of the CRC. Now, as a CRC staff member, I build upon my previous work in order to further our mission.

Brandon Louie, M.S., Community Development, and Community Engagement Coordinator at the CRC



## SUPPORTING THE CRC'S WORK

### Why I Give

The voices of some of those within our Friends of Regional Change Donor's Circle.



As one of the faculty who helped envision the Center for Regional Change, it has been a great joy to see the CRC grow and develop into one of the jewels of the Davis campus. There are so many aspects of the center's work that command respect: its mission of community-engaged scholarship, the rigor of its research, the accessibility of its data tools, and the community partnerships that create meaningful change. I give to CRC for all these reasons, and because of its strong commitment to expanding experiential learning opportunities for students.

David Campbell, Associate Dean of Social and Human Sciences,  
College of the Agricultural and Environmental Sciences

Gayle and I support the CRC because we believe in Jonathan London and the mission of the center. Gayle and I became financial supporters of the CRC because we felt external funding is an important indicator of the value of the center's work to the region. We need data on the economic and social well-being of regions, along with a better understanding of how communities can build toward a more equitable and healthy future. The CRC is doing groundbreaking work, with the double bottom line of outstanding academic research coupled with practical paths to a positive future for all.

David Hosley, Center for Asian American Media, and gayle yamada,  
Bridge Media, Inc.



## SUPPORTING THE CRC'S WORK



I give to the CRC's engaged scholars program to support the next generation of action researchers who are learning to combine theory with hands-on practice to improve civic life and community well-being. I am involved with the CRC because I believe in the land grant university's mission of doing research in the public interest. The CRC takes a people first approach, looking at how we can leverage academic knowledge and street-level practice for the common good. It's an institution that values equity and brings a diverse cohort together to help tackle the pressing issues and deep divides in our region.

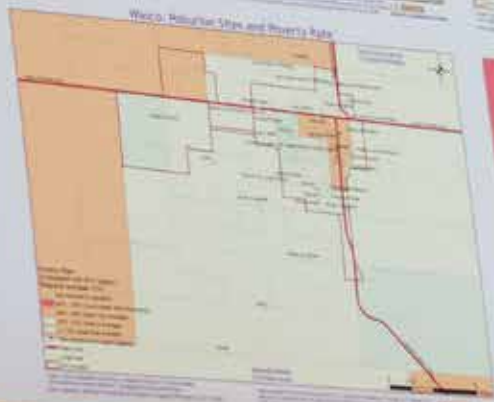
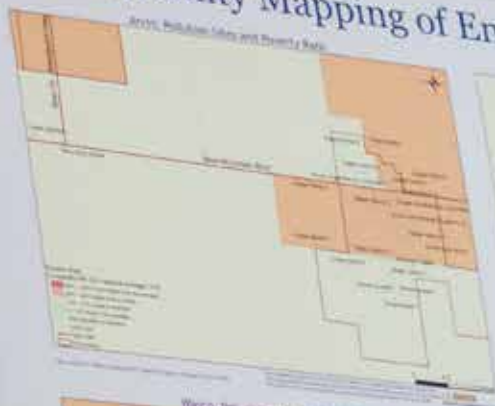
Jesikah Maria Ross, Senior Community Engagement Strategist, Capital Public Radio

The CRC is an important institution for raising critical community policy issues, and for engaging students and faculty in responding to policy issues that affect us all, but struggling, low-income communities in particular.

Dave Singleton, California Indian Manpower Consortium



## Community Mapping of Environmental Hazards



**U.C. DAVIS**  
CENTER FOR REGIONAL CHANGE

### CURRENT PROJECTS

#### Healthy Youth, Healthy Regions (2010-2015)

The project will examine the health of youth in the Central Valley and its relationship to environmental conditions and the California Environmental Assessment. The project will examine the health of youth in the Central Valley and its relationship to environmental conditions and the California Environmental Assessment.

#### San Joaquin Valley Community Health Assessment (2010-2015)

The project will examine the health of the San Joaquin Valley and its relationship to environmental conditions and the California Environmental Assessment. The project will examine the health of the San Joaquin Valley and its relationship to environmental conditions and the California Environmental Assessment.

#### State of Youth Vulnerability



**MAPPING THE FUTURE**



# MAPPING THE FUTURE

Over the past decade, the CRC has collaborated with a diverse array of campus and community partners to catalyze regional change in California and beyond. At the CRC, students have developed into scholars and changemakers, faculty members have partnered with communities affected by the issues they study, and community residents have been transformed into civic scientists.

As we look to the coming decade, we remain mindful of our shared vision for the future of the CRC. We recommit ourselves to the guiding principles that have successfully carried us this far.

## Principles for Future Growth

### Impact and Equity



Social equity is central to the CRC's mission and vision. We will continue to inform public policy, producing research that addresses disparities by race, ethnicity, class, gender, sexuality, immigration status, and other issues.

### Organizational Stability



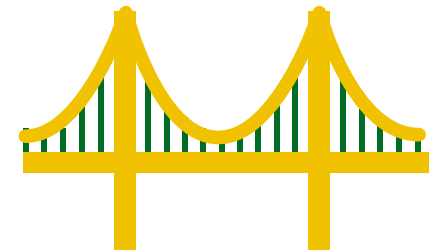
The CRC will invest in creating, improving, and expanding programs and systems to support the center's anticipated growth and development.

### University Ecosystem



The CRC operates within a robust university ecosystem. We will support innovation on engaged scholarship within the CA&ES, UC Davis, and the University of California as a whole.

### Interdisciplinarity



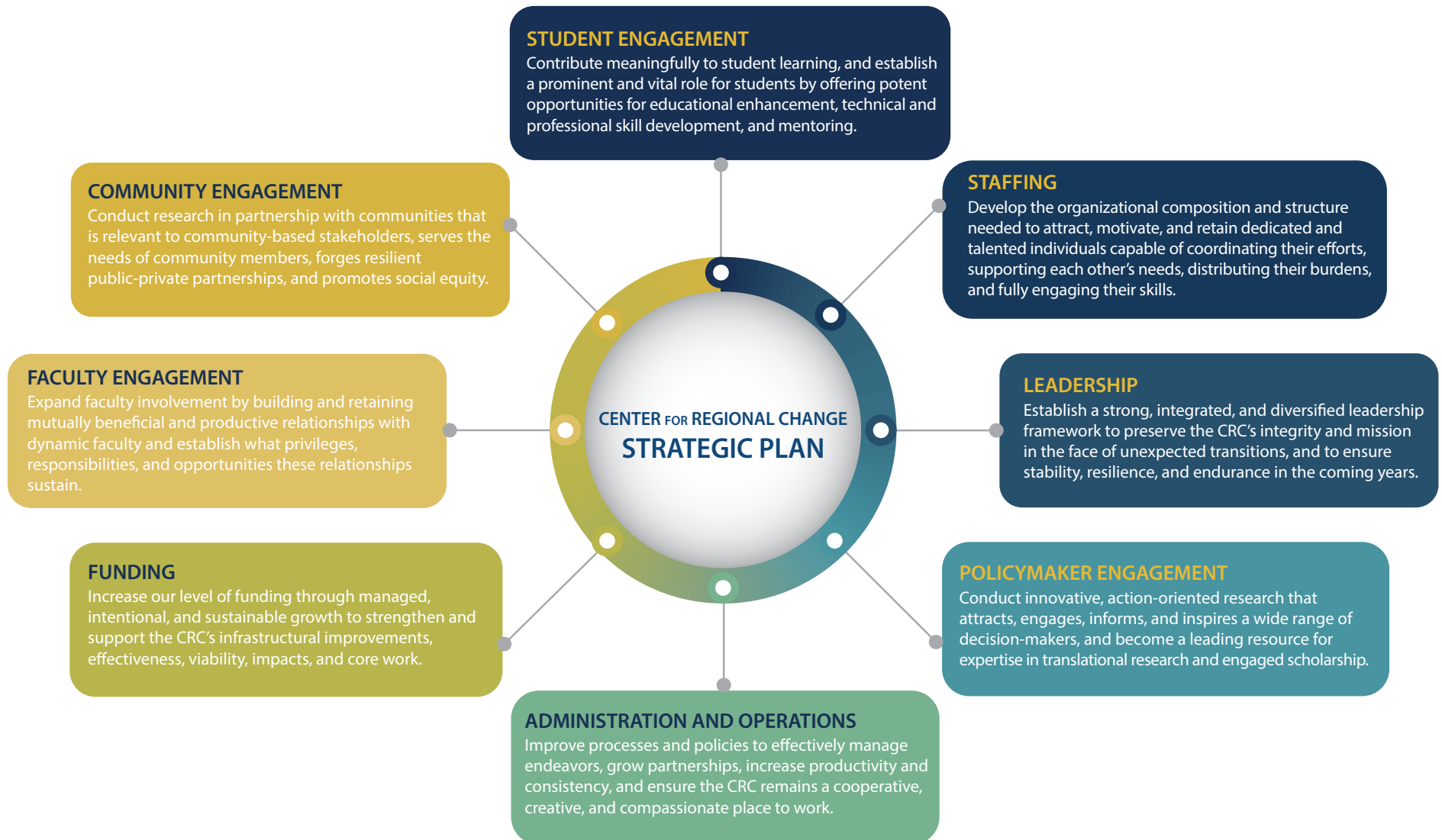
Interdisciplinarity is central to the work of the CRC. We will continue to build bridges between students, scholars, and communities, both within the university and beyond.



# MAPPING THE FUTURE

## Implementation Plan

Throughout 2014-2016, the CRC developed a five-year strategic plan facilitated by Mark Simon of Storywalkers Consulting Group. Based on the principles and values previously described, the plan also included the following eight-point implementation strategy:



# MAPPING THE FUTURE

## Our Future Vision

By 2020, the CRC will be a nationally respected, university-based research center renowned for its innovations in solutions-oriented research and engagement on issues of social equity. The CRC will be recognized for its signature approach connecting research and outreach, producing meaningful impacts that improve the well-being and self-empowerment of people and places throughout California and beyond.

The CRC will continue to conduct its work in partnership with and in service of communities. It will commit to the principle of data democracy, ensuring that all data products are publicly available and accessible, and will seek to translate scholarly research in ways that are meaningful and useful at the community level.

The CRC will also be valued as an integral asset to UC Davis and the UC system. It will enjoy strong support from the UC administration, leadership and faculty. The impact of the CRC's work will be magnified and deepened thanks to:

- The active engagement of faculty and students from across campus.
- Strong collaboration with partners in the fields of policy, advocacy, business, and philanthropy.
- High visibility in media throughout the region, state, and nation.

The CRC will also have a growing and diverse funding base from government grants and larger multi-year contracts, along with significant and growing support from foundations and individual donors. It will have developed a permanent endowment to cover operating expenses and other special functions.

The CRC will dedicate itself to addressing pressing social and environmental challenges in comprehensive ways. Examples of initiatives under development include:

- Pursuing research to inform the economic revitalization and ecological restoration of regions such as the Clear Lake area in Northern California.
- Creating mapping systems to illustrate California's challenges and opportunities, and to help respond to the state's water justice policies.
- Enhancing and expanding the Regional Opportunity Index to cover other regions of the country to support regional equity movements.
- Serving as the hub of social learning for place-based community change initiatives, such as the federal Promise Zone and Promise Neighborhood programs in Sacramento, and elsewhere in California and the country.
- Building collaborative partnerships with other regional change institutions across the country and world, through the Global Exchange for Action Research.

Finally, the CRC will remain an exciting, cooperative, creative, and compassionate place to work— one that attracts, invests in, and retains a diverse and talented professional staff.

## Calling all Changemakers

We hope that reading this report has left you excited to collaborate with the CRC! Many of our projects have been sparked by the inspiration and imagination of individuals or small groups. We want to hear about the pressing concerns you face in your community and region. We invite you to take part in our pioneering research and outreach! Together, we can find creative approaches to the issues that matter most to you. Please contact the Faculty Director, Jonathan K. London ([jlondon@ucdavis.edu](mailto:jlondon@ucdavis.edu)) or Associate Director, Bernadette Austin ([braustin@ucdavis.edu](mailto:braustin@ucdavis.edu)), with your ideas for partnership.



# ACKNOWLEDGMENTS





# ACKNOWLEDGMENTS

We would like to express our deep gratitude for the faculty, staff, administrators, collaborators, donors, and many others who have supported the CRC over the last ten years and who made this report possible. This report grew out of a collaborative effort from the CRC staff, faculty affiliates, and PIs. In particular, we thank Krystyna von Henneberg who provided editorial support, and Kristen Morizono and Jason Mendez who provided the graphic design and layout. Special thanks go to the Office of the Dean for the College of Agricultural and Environmental Sciences for supporting the development of this report. Last but not least, we would like to acknowledge Valerie Chiappone for serving as lead editor and producer.







Report designed by Kristen Morizono and Jason Mendez



**KRISTEN MORIZONO**

[www.kmorizono.com](http://www.kmorizono.com)



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