

The University of California, Santa Cruz

Science & Justice Research Center



The SNU in the World Program on Innovation, Science and Justice in front of the Joan and Sanford Weill Neurosciences Building as part of the Just Biomedicine Third Street Walking Tour, San Francisco. Photo by Jenny Reardon

Annual Report

2022-2023 Volume 16

[Scijust.ucsc.edu](https://scijust.ucsc.edu)

Director's Letter: Welcome to Science & Justice

As we look forward to the year to come, we appreciate the chance to share with you our accomplishments of the last year.

Science & Justice continues to be in the headlines, making a critical difference in California, the nation and globally. This year our faculty served as advisors and reviewers for [the National Academies of Sciences, Engineering and Medicine effort to create a framework for governing emerging health technologies in a manner that centers equity](#), and launched the [Leadership in the Ethical and Equitable Design \(LEED\) of STEMM](#) initiative with a [commentary released in Cell magazine](#). As part of SJRC's long standing goal to transform institutional structures so that they support a much more diverse range of scholars, we launched our *Sociology of Science and Technology Studies Pathways Project*. Finally, in partnership with the Office of International Affairs (OIA) at Seoul National University we launched an [international winter school on Innovation, Science and Justice](#).

Our events continued to highlight the unusual and inspiring collaborations and conversations Science & Justice creates. In addition to our regular Works-in-Progress sessions and Working Group sessions, this year we co-hosted with Professor **Jennifer Derr** (History) and the UCSC Humanities Institute the *Race, Empire, and the Environments of Biomedicine Sawyer Seminar Series*. **Tahir Amir**, founder and executive director of the Initiative for Medicines, Access & Knowledge (I-MAK), launched the series in front of a packed house at the Kuumbwa Jazz Center.

Continuing our innovative pedagogical work, this year we worked in collaboration with the Department of Critical Race and Ethnic Studies under the leadership of Professor **Christine Hong** to plan a first of its kind Science and Justice minor. We also worked with Assistant Professor **Karen Miga** (Biomolecular Sciences and Engineering) to curate and kick-off the Bioethics Lecture Series. The series was launched with a talk by Professor **Joseph Graves** (MacKenzie Scott Endowed Professor, Biology, North Carolina A&T State University) on *Racism, Not Race: Answers to the most critical questions*.

Our work supporting research infrastructures across campus and across universities also deepened this year. Through our work creating the Science and Justice Minor and supporting cross-divisional grants, we continued to build avenues for communication and mechanisms of support that brought together faculty, students and staff from all five divisions. The NSF LEED STEMM grant supported building research infrastructure across six universities. Through the Mellon and NSF funding, we also were able to offer fellowships to four graduate students and one postdoctoral fellow to work in the critical, emerging areas of inquiry at the interface of science and justice.

Despite ongoing complications from the pandemic, the 2022-23 academic year also produced much to celebrate. Congratulations to many affiliated faculty who were promoted and received tenure - and those who published books - a special feat of the industries, especially during a pandemic! We look forward to finally celebrating this coming year. Congratulations to affiliated faculty **Sharon Daniel** and **Anna Friz**, both in film and digital media, for being awarded Guggenheim Fellowships! Read about their projects in this [campus news article](#).

As we plan the year ahead, we are excited to welcome many new faculty and to reimagine with them the future of science and justice! We also look forward to welcoming and working with Associate Professor **James Doucet-Battle** as SJRC co-director.

We are ever thankful for the guidance and support our steering committee and board of advisors continue to provide us, as well as the support of many units and divisions on campus.



Jenny Reardon

Founding Director, Science & Justice Research Center, Professor of Sociology, UC Santa Cruz

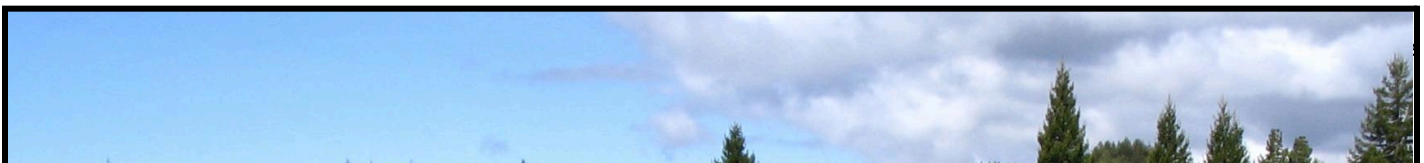


Table of Contents

Director’s Letter: Welcome to Science & Justice	2
Table of Contents	3
Science & Justice Leadership Team	4
Science & Justice Steering Committee	4
The Science & Justice Mission	5
Sustaining a Vibrant SJRC Community	5
Justice Sparks Innovative and Original Research	7
Creating a UCSC Ethics in Practice	9
Science & Justice Pedagogy	11
Funding the Future of Science & Justice	14
Reflecting on Our Progress and Looking Ahead	14
Appendix 1: Visiting Scholars	16
Appendix 2: Science & Justice Working Group (SJWG) Events, Experimental Mixers, and Reading Groups	16
Appendix 3: Research Clusters & Projects	17
Appendix 4: SJRC Publications Launched in 2022-2023	19
Appendix 5: Contributions to Policy	20
Appendix 6: SJRC Funders	21
Appendix 7: SJRC 2022-2023 Org Chart	22
Appendix 8: SJRC Faculty Affiliates at UC Santa Cruz	22
Appendix 9: SJRC Key Accomplishments	24

Science & Justice Leadership Team

Founding DIRECTOR | Jenny Reardon, Professor of Sociology

DIRECTOR of Teaching the SJTP | James Doucet-Battle, Associate Professor of Sociology

CENTER MANAGER | Colleen Stone

GRADUATE STUDENT RESEARCHER | Chessa Adsit-Morris, History of Art and Visual Culture

Science & Justice Steering Committee

Jennifer Derr, Associate Professor of History

James Doucet-Battle, Associate Professor of Sociology

Lars Fehren-Schmitz, Professor of Anthropology

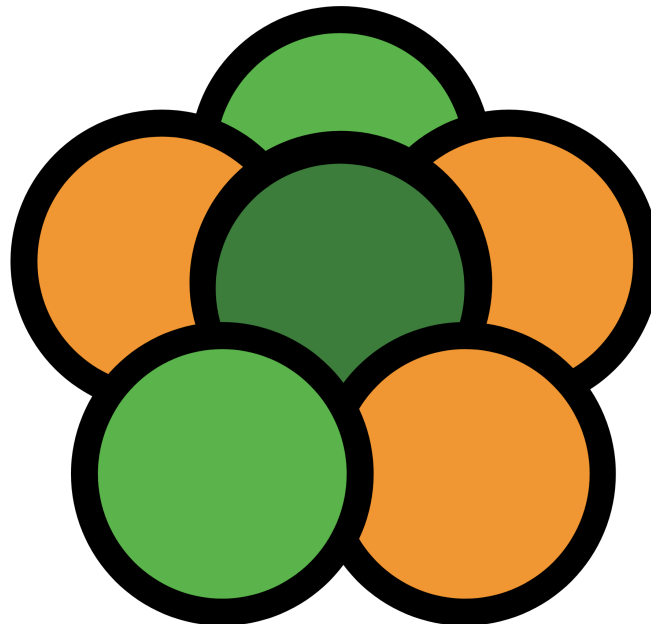
Lise Getoor, Professor of Computer Science

Dee Hibbert-Jones, Associate Professor of Digital Art and New Media

Jaimie Morse, Assistant Professor of Sociology

Jenny Reardon, Professor of Sociology

Matt Sparke, Professor of Politics



The Science & Justice Mission

The Science & Justice Research Center at the University of California, Santa Cruz is a globally unique endeavor that innovates experimental spaces, engages in collaborative research practices, and fosters emerging alliances between seemingly disparate sectors, disciplines and communities. Biomedical innovation, species extinction, toxic ecologies, access to healthcare, and many other contemporary matters of concern provoke questions that traverse multiple intellectual, institutional and ethico-political worlds. Science & Justice generates modes of inquiry and empirically rigorous research that address these enormous challenges and support livable worlds. The Center is home to the Science and Justice Working Group, the Science and Justice Graduate Training Program (SJTP) and sponsored research projects. The initiative builds on the UCSC campus' historic commitments to socio-ecological justice and strengths in science studies and interdisciplinary research.

Sustaining a Vibrant SJRC Community

The Science & Justice Research Center supports a vibrant, collaborative community. Located in Oakes College, SJRC hosts visitors from across the UC system and around the world. The SJRC community is committed to sustaining an experimental ecosystem for novel ideas, dialogues, methods and collaborations. The Science & Justice Working Group remains the heart of our collective work. We also host regular reading groups and experimental mixers with affiliated graduate students and faculty who seek to further investigate the meanings and practices of science and justice.

Visiting Scholar Program

Since 2009, the SJRC Visiting Scholars Program has been a vibrant hub for interdisciplinary scholars across the UC-system, the nation and the globe. The Science & Justice Research Center offers opportunities for visiting scholars at all levels of their career (regardless of institutional affiliation) to participate in the community through research collaborations, reading groups and experimental mixers. In the 2022-2023 academic year, the Center continued hosting visiting scholars and remote exchanges. Refer to Appendix 1 to learn more about all our visitors.

This year we established the *SNU in the World Program on Innovation, Science and Justice*. Administered by the [Office of International Affairs \(OIA\) at Seoul National University](#),

the *SNU Program* is a university-led and

government-funded initiative to train undergraduate students to be globally engaged scholars and leaders. The highly-competitive *SNU in the World Program at UC Santa Cruz*—one of five two-week training programs selected for funding—focuses on *Innovation, Science and Justice*. Other *SNU Programs* include visits to Washington DC (public policy), Japan (sustainable development), and Australia (climate crisis). More information can be found under our pedagogy.



Highlights from the Science & Justice Working Group, Experimental Mixers, Writing and Reading Groups

The Science & Justice Working Group (SJWG) provides a convivial and novel space to cultivate emerging connections, spark new questions for research, and nurture our communities' collaborative ties. In addition to formally convening, our lively informal experimental mixers open space for all SJRC community members.

Below are some highlights of the year's events (all events are listed in Appendix 2).

On October 12, the Center began the academic year by hosting our annual **Meet & Greet**. In addition to a chance to celebrate the new academic year and enjoy each other's company, the annual gathering is always a great chance to welcome new members, welcome back others, and share current work to foster emerging collaborations.

On October 18, we celebrated the launch of the **Race, Empire, and the Environments of Biomedicine Sawyer Seminar Series**. Inaugural Seminar Speaker, **Tahir Amin**; founder and executive director of the Initiative for



Medicines, Access & Knowledge (I-MAK), a nonprofit organization working to address structural inequities in how medicines are developed and distributed; presented at the Kuumbwa Jazz Center in downtown Santa Cruz on *Intellectual Property Wars: The Battle for Access to Medicines*. [A recording is available here](#). Amin and I-MAK have also put out a 10-point plan for the Biden-Harris administration to bring equity into the patent system. Their work was highlighted in the campus news article, "[Tahir Amin to speak about unequal access to medications and the global fallout from intellectual](#)

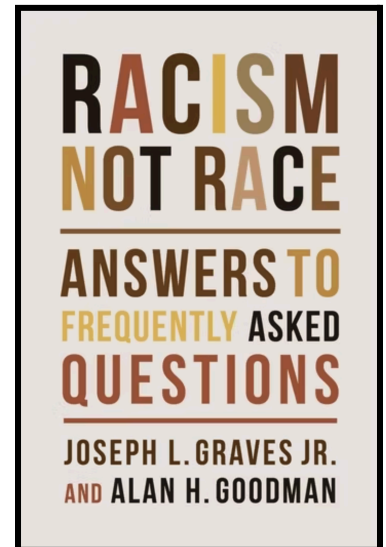
[property wars: October 18 talk in downtown Santa Cruz.](#)" Then, on Wednesday, October 19, the Center for Cultural Studies co-hosted an in-person reading group on *Technological Colonialism: The Political Economy of Innovation and Global Health*. Other Sawyer Seminars included talks by **Kaushik Sunder Rajan** (Professor of Anthropology and Co-Director of the Chicago Center for Contemporary Theory at University of Chicago) on *Ethnographic Trans-formations: Cases, Life Histories, and Other Entanglements of Emergent Research*, **Alberto Ortiz-Díaz** (Assistant Professor of History at the University of Texas, Arlington, and currently a Larson Fellow at the Kluge Center, Library of Congress) on *Carceral Care: Health Professionals and the Living Dead in Colonial Puerto Rico's Sanitary City, 1920s-1940s*, **Wangui Muigai** (Assistant Professor at Brandeis University in the departments of History, African & African American Studies and the Health: Science, Society, and Policy Program) on *Fighting for Life: Race and the Limits of Infant Survival*, **Karina L. Walters** (Choctaw, Director of the Tribal Health Research Office at the National Institute of Health) on *Transcending Historical Trauma: How to Address American Indian Health Inequities and Promote Thriving*, **Anna Barry-Jester** (public health reporter with ProPublica) on *From Symptom to Story: Understanding an Epidemic of Kidney Disease in Central America*, and concluded with **Juan Sebastian Gil-Riaño** (Assistant Professor of History and Sociology of Science at the University of Pennsylvania) on *Stolen Evidence: Indigenous Children and Bio-historical narratives of the Western Hemisphere during the Cold War*. More on the seminar can be found in this campus news article: [UC Santa Cruz receives Mellon Foundation humanities grant to investigate race, biomedicine](#) and on [the project website](#).

Science & Justice Training Program Fellows **Carrie Hamilton** (Environmental Studies) and **Kellie Petersen** (Sociology) kicked off the *Works-in-Progress Series* on October 26 by presenting their collaborative research on the system of servers and associated technologies that underpin the global shared network of computers, computing power, and data storage, commonly referred to as "the Cloud" or cloud computing. For their Training Program project, they are interested in exploring how the material dimensions of the Cloud—and the sense of amorphousness that it conjures—exacerbate social and environmental injustices by investigating the physical infrastructures, natural resources, and human labor that underpin large data centers. Other Works-in-Progress

sessions included visiting scholar **Lindsay Kelley** (Senior Lecturer in the College of Arts & Social Sciences School of Art & Design at Australian National University and a UC Santa Cruz Alum MFA Digital Arts & New Media, Ph.D History of Consciousness). At this session we brainstormed approaches to a book project called, *Baking Strange*, whose themes included: edible archives, everyday militarisms, recipe art, participatory methods, and digestive networks.

In January and February 2023, the SJRC hosted SNU in the World Program Director and Professor of Science Studies **Doogab Yi** along with four graduate students and 24 undergraduate students for a two-week training program on Innovation, Science and Justice. More details can be found under our pedagogy.

On April 05 we helped affiliated faculty **Karen Miga** (BME) curate and kick-off the semiweekly Bioethics Lecture Series with a talk by **Joseph Graves** on his book (pictured). Graves is a professor of biological science at North Carolina Agricultural and Technical State University and former associate dean for research at the Joint School for Nanoscience and Nanoengineering and has written extensively on genetics and race including his book [*Racism, Not Race: Answers to Frequently Asked Questions*](#) (Columbia University Press, 2023).



The Bioethics Lecture Series for BME 80G also included talks by **Krystal Tsosie** (Diné/Navajo Nation, Assistant Professor in the School of Life Sciences at Arizona State University) on *Referring to Whom? The 'Indigenous Reference Genome,'* **Zac Zimmer** (UCSC Associate Professor of Literature) on *Metaphors for Models*, **Benjamin Hale** (Assistant Professor of Environmental Studies and Philosophy at the University of Colorado, Boulder) on *Clean Meat and Muddy Markets: Substitution and Indeterminacy in Consumerist Solutions to Animal Agriculture*, **Victoria M. Massie** (Assistant Professor in Anthropology at Rice University) on *Of Albert Perry: A Biomythography of Genetic African Origins*, **Hank Greely** (Professor by courtesy of Genetics, Stanford School of Medicine; Director, Center for Law and the Biosciences; Director, Stanford Program in Neuroscience and Society; and Chair, Steering Committee of the Center for Biomedical Ethics) on *Weird Sh!t: Organoids, Chimeras, and Embryo Models*, **Marcy Darnovsky** (Executive Director at the [Center for Genetics and Society](#)) on *Should We Genetically Modify Our Children?*, **Alexandra Minna Stern** (Humanities Dean and Professor of English and History, and at the Institute for Society and Genetics, at the University of California, Los Angeles) on *Eugenics, State Harm, and Reparations in California: An Unfinished History*, **Susan Reverby** (Marion Butler McLean Professor Emerita in the History of Ideas; Professor Emerita of Women's and Gender Studies at Wellesley College) on *Examining Tuskegee: The Infamous Syphilis Study and its Legacy*.

We also celebrated several SJRC affiliated faculty's new books, including [Contesting Race and Citizenship: Youth Politics in the Black Mediterranean](#) (Cornell University Press) by **Camilla Hawthorne** (sociology) and [Unsettled Borders: Militarized Border Technologies and Indigenous Sacred Science](#) (Duke University Press) by **Felicity Amaya Schaeffer** (feminist studies).

Justice Sparks Innovative and Original Research

The Science & Justice Research Center continues to be an exemplar of how to transform commitments to justice into collaborative research projects. We formulate new methods and institutional practices where scientists and engineers work alongside social scientists, humanists, ethicists, artists and diverse public

communities. SJRC affiliates pursue local, regional, national, and international research collaborations on issues that inform and affect institutional and public policy.

In 2022-2023 the center focused on several ongoing and new projects. In Summer 2022 we learned that the National Science Foundation awarded SJRC Director **Jenny Reardon** \$400,000 to fund the first phase of the *Leadership in the Ethical and Equitable Design (LEED) of Science, Technology, Engineering, Mathematics and Medicine (LEED of STEMM) Initiative*. This initiative aims to clarify, review, and revitalize the roles and value of engaging bioethicists and scholars in the social sciences, humanities, and the arts in STEM research. Learn more in this campus news article: [National Science Foundation grant will help establish ethics and equity best practices for emerging forms of science and technology](#) and in this *CellPress* publication, "[Trustworthiness matters: Building equitable and ethical science](#)" that announces the collaborative project.

In addition to the NSF, this project is supported in part by the National Center for Advancing Translational Sciences, the National Institutes of Health, the UC Santa Cruz Office of Research, and the UC Santa Cruz Institute for Social Transformation. The co-leads of LEED STEMM and the research team are made up of faculty and students from UC Santa Cruz, Columbia University, the University of Washington, Stanford, UCLA and Harvard.

As part of SJRC's long standing goal to transform institutional structures so that they support a much more diverse range of scholars, we also continued our efforts to *Build Diversity in Sociology and Science and Technology Studies*. Last year, we worked with Dr. Joseph Graves, Professor of Biomolecular Engineering, and Dr. Checo Rorie, Chair of the Department of Biology, at North Carolina A&T State University to strengthen ties between our two universities. With support from the Graduate Division, and in collaboration with the faculty and staff in the Genomics Institute, we have begun to develop initiatives that will facilitate student and faculty exchanges, co-taught summer workshops, and expanded research opportunities that will sustainably connect both campuses. We aim to avail UCSC students from diverse backgrounds of the opportunity to experience the pedagogical and research cultures of an Historically Black College and University (HBCU), while offering NCATSU students a reciprocal opportunity to visit UCSC, study with faculty working in genomics, and work closely with UCSC researchers and students in laboratories across Science Hill.

Funding Faculty, Undergraduate and Graduate Student Research

SJRC projects and Training Programs support many faculty through course releases and research funds, graduate students with research fellowships, and undergraduate students with paid research opportunities and independent study units.

This year, through a gift from the *SNU in the World Program*, in Winter 2023, SJRC awarded \$17,000 in research funds to nine affiliated faculty or campus units and \$1,500 to three graduate students fellowships to participate in lectures and present on original and collaborative research. Funds were set aside to support a graduate student researcher to help plan and implement the Winter 2024 visit. Pictured are **James Karabin** (sociology) and **Chessa Adsit-Morris** (visual studies) who presented on the *Leadership in the Ethical and Equitable Design (LEED) of STEM Research Initiative*.



While not awarded at the campus level for seed funding, the Humanities Division awarded faculty affiliate and CRES chair **Christine Hong** and SJRC Director **Jenny Reardon** \$40,000 to organize the Science and Justice Minor Research and Planning Cluster. In this \$8,000 was issued to affiliated faculty and a graduate student was hired; remaining funds will contribute towards future planning and launch activities.

As part of the *Race, Empire, and the Environments of Biomedicine Series* funded by the Andrew W. Mellon Foundation, two graduate student researchers were hired alongside a postdoctoral fellow to work with PI's **Jennifer Derr** (history) and **Jenny Reardon** (sociology).

Similarly, sponsored by a National Science Foundation ER2-Ethical & Responsible Research grant overseen by SJRC Director **Jenny Reardon**, the *Leadership in the Equitable and Ethical Design (LEED) of STEM Research Initiative* supported two graduate researchers. In anticipation of potentially not being able to hire a one-year postdoctoral fellow as planned (as union contracts were beginning negotiations), great consideration was given to shift some of that support for more graduate student researchers including one at the University of Washington. The teams are also adding ways undergraduates can get involved next year.

Additionally, SJRC continues to assist students in identifying and applying for campus funding to conduct original and collaborative research. Such awards have been granted from the [Undergraduate Research in Science & Technology Endowment](#), the [Genomics Institute's Research Mentoring Internship Program](#), and the [Institute for Social Transformation's Building Belonging Program](#). This year, campus funding was awarded to undergraduate Science & Justice researchers through the [Institute for Social Transformation's Building Belonging Program](#) (**Andrea Asher**, Sociology, Human Biology, **Camryn Newburn**, Anthropology, **Dimitri Cardona**, Sociology Fall 2022-Spring 2023).

For a complete list of the ongoing research our community conducted, refer to Appendix 3.

Creating a UCSC Ethics in Practice

At an increasing rate, many forms of scientific evidence are met not just with questions of curiosity and interest, but also with skepticism and mistrust. Healthcare systems are challenged by entrenched inequalities and profit motives. Algorithms encode bias into the heart of big data approaches to science and engineering. The next generation of leaders in biomedical and life sciences, environmental science, and engineering need to be adept at addressing these challenges. At SJRC, we believe this requires bold new approaches to ethics and research practice in STEM fields. We strive to exceed narrow standards for the ethical approval of science and prepare and support our students and faculty to be powerful stewards of socially robust and reflexive science. Our vision of good science exceeds simple compliance and strives towards institutional change. We work with affiliates to realize this in practice. Examples of our efforts from this year are described below.

A Model for Building Diversity and Interdisciplinarity

National calls for increased attention to diversity, equity, and inclusion in all phases of STEM research, from project inception to publication, have led to an increasing demand for scholars trained in STS who can provide guidance to STEM researchers and serve as collaborators on STEM research teams. Yet the lack of diversity in STS threatens to reproduce the same hierarchies of race, gender, class, and sexuality that have long been documented in STEM fields, as well as the broader societal barriers to equity and justice that these calls seek to address. While substantial resources have been allocated to address pipeline issues in STEM and to a lesser

extent the social sciences, to our knowledge, few exist that specifically focus on training the next generation of STS scholars of color who can provide critical guidance and nuanced expertise on justice and equity concerns in STEM. Despite this growing demand, there is little guidance on best practices for fostering this integration or for evaluating its effects. As efforts to increase the diversity of both researchers and the researched in STEM have gained in prominence, the number of African and Indigenous descent PhDs working in STS remains low in the United States.

In 2022-2023 Science & Justice continued its history of initiating bold new collaborations and under the direction of Associate Professor of Sociology and SJRC Associate Director of Teaching **James Doucet-Battle**, we continued a study to *Build Diversity in Sociology and Science and Technology Studies*. We focussed our efforts on applying for a grant from the [UC-HBCU initiative](#) to strengthen UCSC's efforts to attain and support graduate students. We worked closely with the Office of Research and the Division of Graduate Studies to coordinate staff and faculty in multiple divisions, departments, resource and cultural centers, and campus student success units to identify student and faculty needs and structural barriers to writing, receiving and supporting UC-HBCU grants. We created agreements and tools to better holistically address these needs and barriers. Our work is resulting in holistic institutional support from central administration while we build partnerships between UCSC and HBCU faculty.

Finally, we continued our work with **Genomics Institute** staff and faculty to collaborate on integrating a concern for ethics and justice into genomics research. **James Doucet-Battle** (Sociology), **Jenny Reardon** and **Colleen Stone** worked with **Lars Fehren-Schmitz** (Anthropology), **Angela Brooks** (BME), **Karen Miga** (BME) and **Zia Isola** to reconceive Genomics and Society work.

This year we continued our efforts to create a more robust approach to ethics grounded in interdisciplinary collaboration through our partnership with the **Institute for the Biology of Stem Cells**. Working with **Camilla Forsberg** (Biomolecular Engineering) and **Lindsay Hinck** (Molecular, Cellular and Developmental Biology), we created a Science and Justice training component for the successful *EDUC 4: CIRM Research Training Grant "CIRM Scholar" Award*. With the Stem Cell Journal Club, we hosted a joint session with students from Seoul National University. We look forward to continuing working with them, and to expanding training opportunities in stem cell research to include a critical focus on questions of ethics and justice. See this [UCSC news story](#) for more information.

Leadership in the Equitable and Ethical Design (LEED) of STEM Initiative

To clarify, review, and revitalize the roles and value of engaging bioethicists and scholars in the social sciences, humanities, and the arts in STEM research, SJRC launched a national and international collaborative initiative informally called LEED. The Leadership in the Ethical and Equitable Design (LEED) of STEM Research Initiative proceeds in three phases: background research; drafting of LEED Principles and Practices; and International Discussion and Write-Up of LEED Principles and Practices. SJRC Founding Director and Professor of Sociology **Jenny Reardon** was the PI of a successful grant application to the National Science Foundation ER2-Ethical & Responsible Research (\$399,994) that supports the first phase. **Sandra Soo-Jin Lee** (Columbia University) and **Mildred Cho** (Stanford) are the co-PIs, and **Evelynn Hammonds** (Harvard), **Aaron Panofsky** (UCLA), **Malia Fulteron** (University of Washington), and **Sara Goering** (University of Washington) are senior personnel.

For a complete list of the ongoing research our community conducted, refer to Appendix 3.

Science & Justice Pedagogy

In addition to sparking innovative research, since its beginning the SJRC has supported the creation of innovative pedagogy that fosters transdisciplinary collaborative learning that brings together faculty and students from across the UC Santa Cruz campus, from engineering, physical and biological sciences, social sciences, humanities, and the arts.

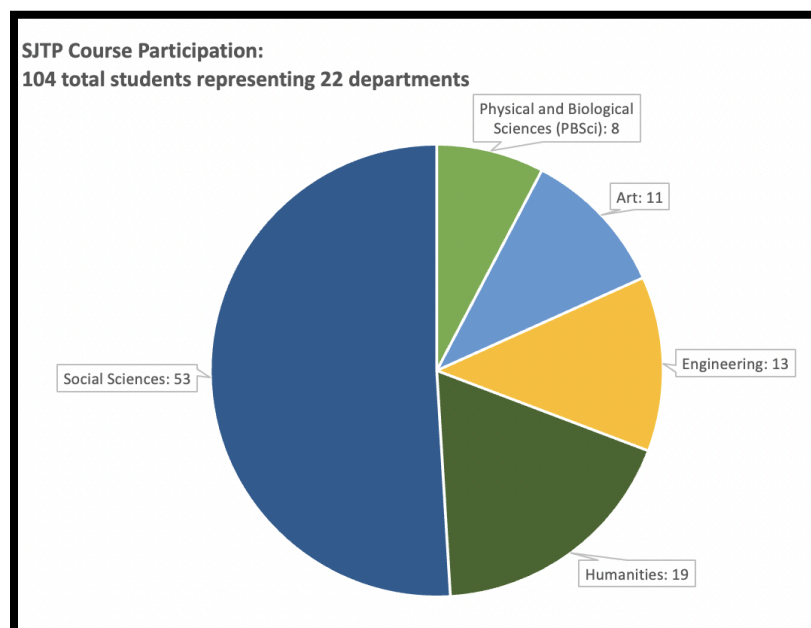
Science & Justice Graduate Training Program

The SJRC is home to the globally unique Science & Justice Training Program (SJTP). The program teaches graduate students from across all five divisions how to collectively address the moments where questions of science meet questions of justice.

Started in 2010 with a grant from the National Science Foundation, the internationally-recognized [Science & Justice Training Program \(SJTP\)](#), draws

together masters, early career PhD students and faculty from across all five Divisions of the University. Students who took the training program's introductory course *Science & Justice: Experiments in Collaboration* in the Winter 2022 term with SJRC Director of Teaching **James Doucet-Battle**, entered the program in Spring and Fellows began conducting original research and collaborative projects over the summer. In the 2022-23 academic year, Doucet-Battle mentored graduate students who chose to go on to get a Science & Justice graduate certificate.

The seminar will be offered again in Winter 2024 and taught by incoming professor **Kriti Sharma** (CRES) who was hired to teach for the new Science and Justice minor, which requires a clear commitment to and willingness to lead programmatic and curricular development.



Over the last 12 years, the introductory course for the Science & Justice Training Program has trained 104 graduate students representing 22 different UC Santa Cruz departments in creative approaches to science and justice. Participating in the program helps students build their careers and catalyzes new collaborative initiatives within the university. Our students have already had considerable early career success, demonstrated by their successful applications for fellowships, grants, postdoctoral positions and innovative entrepreneurial efforts.

Building Science and Justice Undergraduate Curriculum

UC Santa Cruz offers [a wide range of courses](#) across its many disciplines that address the relationships between science, society and justice. Science & Justice affiliates have long desired to create a large core course that would teach undergraduates the fundamentals of Science and Justice. Over this last year, SJRCs Steering Committee continued to discuss the potential with faculty and staff across campus for creating a

minor in Science and Justice. A Science and Justice minor could offer students an opportunity to learn the transdisciplinary field of science and justice studies while at the same time receiving training in their major discipline. SJRC will continue to gather faculty to discuss and conceptualize new courses and a proposal for a minor in Science and Justice to be hosted by the newly established Critical Race and Ethnic Studies (CRES) department. With **Christine Hong** (Chair of CRES), and support from Humanities for a Science and Justice Minor Hub and Research Cluster, faculty met to develop the minor over the 2022-2023 academic year. They also ran a faculty search for a position up to Associate Professor III in Critical Race Science and Technology Studies (STS) which resulted in the hiring of above mentioned **Kriti Sharma** who is a microbial ecologist and philosopher whose work bridges biology, philosophy, and art to re-tell “the story of life” not as struggle and scarcity, but as radical interdependence.

SNU in The World Program on Innovation, Science and Justice

New this year is a multi-year partnership with Seoul National University, the *SNU in the World Program with SJRC at UCSC on Innovation, Science and Justice*. In [January and February 2023](#), the SJRC hosted SNU Associate Professor of Science Studies **Doogab Yi** (pictured with SJRC Director **Jenny Reardon**), 4 graduate students and 22 undergraduate students from majors including the biological sciences, chemistry, computer science, engineering, industrial design, philosophy, sociology, english, business administration, and fashion design for a [two-week training program](#).

Students participated in an in-depth series of lectures, workshops, reading groups, with affiliated faculty at UC Santa Cruz, UC San Francisco, and Stanford along with field trips to the surrounding Bay Area museums, cultural centers, and sites of innovation such as Google focused on exploring some of today’s most pressing issues including biomedical innovation, environmental justice, climate change, health equity, and toxic ecologies. A welcome dinner at the Oakes College Provost House, a

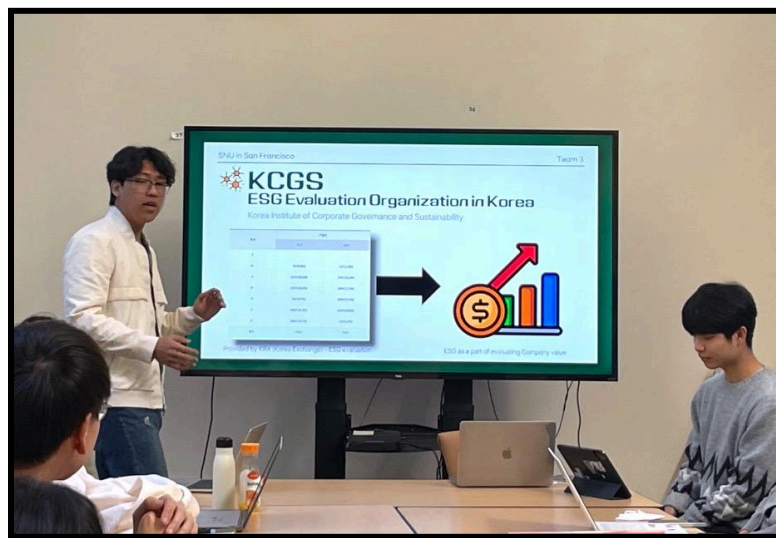


dinner with Everett Program Fellows and a final student presentation over lunch were also planned.



Here are SNU students in a group lecture in the Oakes College Mural Room with **Tiffany Wise-West** the Sustainability and Climate Action Manager, City of Santa Cruz. Tiffany, a Science & Justice Training Program Alum, was in conversation with the **UCSC Sustainability Office** (Sustainability & Equity Special Projects Manager **Ileana Brunetti** with Student Sustainability And Environmental Justice Ambassador **Izzy Layne**, and Water & Climate Action Manager **Ellen Vaughan**) on *Innovative Relationships, Environmental Justice and the City*. Image by Jenny Reardon.

Pictured here are SNU students presenting on the concept of Slow Science while another group presents on governance and sustainability in Korea. Images by Jenny Reardon.



Pictured below are SNU students with the UCSC IBSC Stem Cell Journal Club in a lecture on the *ethics of biotechnology* with Professor **Jenny Reardon**. Image by Chessa Adsit-Morris.



Refer to the [Winter 2023 Schedule](#), [Participant Biographies](#) and the [Rapporteur Report](#).

Funding the Future of Science & Justice

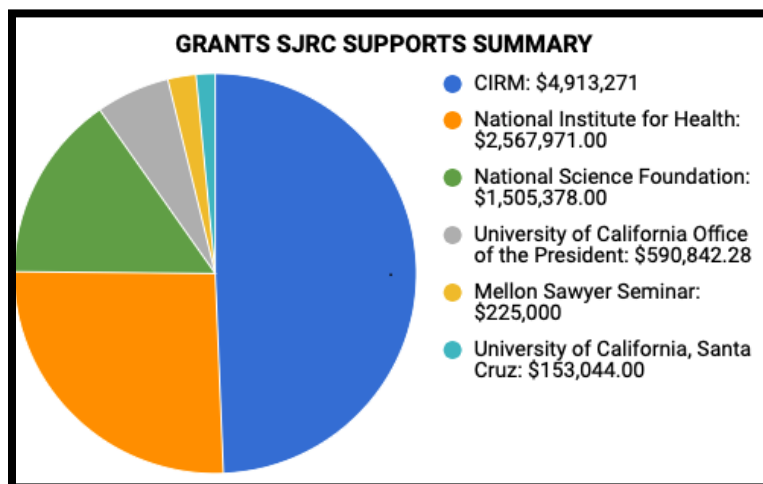
Director **Jenny Reardon** and Manager **Colleen Stone** with the advice of the SJRC Steering Committee continue to work closely with University Relations and Development Officers to develop strategies for funding the future of science and justice at UC Santa Cruz.

On November 02, we hosted a Giving Day campaign to support SJTP Fellows (pictured), case statements and concrete fundraising goals for the research center and the graduate training program. Our immediate grant-writing and fundraising goals include fellowship support for the Science & Justice Training Program graduate fellows, and support for Center staff and faculty.



With the support of the SJRC Steering Committee, we have helped faculty across campus raise over \$10 million in grants. Currently, the SJRC is directly managing nearly \$750,000 in funded research and training initiatives (refer to Appendix 5 for a list of active grants and Appendix 8 for a full breakdown).

We will continue to pursue grants to support and endow the Center's collaborative research, training and advocacy activities.



Additional grant funding and donor contributions will secure our efforts to build an internationally recognized program that trains the next generation of scholars to responsibly take up the important social and scientific problems of our time. Higher levels of grant writing support will help us to develop our research infrastructure and our ability to obtain large-scale grants. Our ambitious fundraising goals and sustained efforts to pursue grant and foundation funding will continue the growth and vitality of our work and community.

As we look to the future, we seek to continue to build SJRC as a hub for extramural funding of research projects with links to science and justice.

Reflecting on Our Progress and Looking Ahead

The 2022-23 academic year marked the end of our eleventh year as a research center. The SJRC has become a dynamic and collaborative infrastructure for training the next generation of humanities, natural and social science researchers and engineers who are trained to pursue their research and make discoveries in ecosystems where ethics and justice are primary concerns. The Center and its affiliated faculty remained key partners in creating innovative training, curriculum, and research across campus that recognizes the questions

of ethics and justice at stake as we forge knowledge and innovations. In particular, we continued to deepen our collaborations with our colleagues in Science and Engineering, particularly through future HBCU Summer Undergraduate programs; and our colleagues in Critical Race and Ethnic Studies to develop an undergraduate minor in Science and Justice. We also deepened and extended our national and international networks through the launch of our LEED initiative.

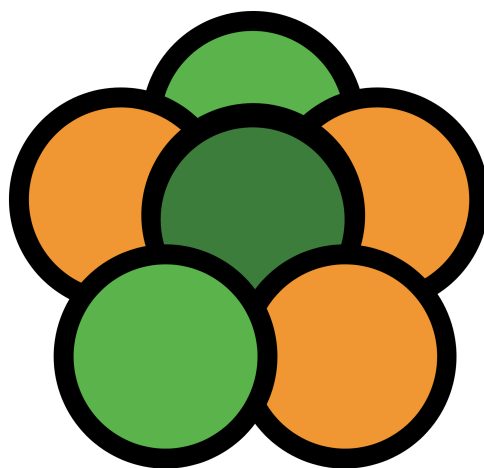
Reflecting on our progress and growth, we continue to refine Center practices, and document them in the SJRC Handbook. Center Manager, **Colleen Stone** continued to meet with Director **Jenny Reardon** and Sociology Department Manager **Jessica Lawrence** to better understand and delineate responsibilities of administrative tasks related to running the Center. **Reardon** and **Stone** also continued to envision specific ways in which SJRC can provide effective support to the educational and research efforts of our diverse faculty community.

We are committed to developing future research collaborations, and seek collaborators from all divisions at UCSC and in the UC system, as well as in the community. We will continue to provide a critical and dynamic space that supports the diverse needs of our faculty, researchers, students, and staff.

As we plan the year ahead, we are especially excited to begin gathering in-person again! We will do our best to keep hybrid activities available. Top activities we look forward to are our Mellon Foundation Sawyer Seminar on *Race, Empire, and the Environments of Biomedicine* with **Jennifer Derr** and The Humanities Institute, launching a faculty recruitment in Critical Race STS and a Hub to build a Science and Justice minor with the Critical Race and Ethnic Studies Department, planning the next winter visit with Seoul National University, working with SJRC Director of Teaching **James Doucet-Battle** to advance *Building Diversity in Sociology and Science and Technology Studies*, and launching our *LEED* initiative.

SJRC's promise is simple and bold. The benefits are manifold: improved outcomes not just for humans, but for the many non-human lives as well; approaches to science and technology that balance prosperity and justice, health, ecological survival and ethics. Our affiliated researchers and interdisciplinary teams have built decades of scholastic expertise examining the life sciences and biomedicine, health, environment, food, and racial and economic justice. The Center provides the critical milieu in which the creative sharing of this expertise leads to novel justice praxis and knowledge sharing that fosters and supports diverse lives and futures.

Thank you for making a more just world possible!



Appendix 1: Visiting Scholars

[Lindsay Kelley](#) | Senior Lecturer in the College of Arts & Social Sciences School of Art & Design at Australian National University and a UC Santa Cruz Alum (MFA Digital Arts & New Media, Ph.D History of Consciousness). (Spring 2023)

[Doogab Yi](#) | Associate Professor of Science Studies at Seoul National University and Director of *The SNU in the World Program on Innovation, Science and Justice* (Winter 2023, 2024, 2025). For more information refer to the [SNU Project page](#).

Appendix 2: Science & Justice Working Group (SJWG) Events, Experimental Mixers, and Reading Groups

Our 2022-2023 events are linked below for more information.

- [October 7-9, 2022 | Playing with Fire: a Hot Symposium](#)
- [October 12, 2022 | Meet & Greet](#)
- [October 18, 2022 | Sawyer Seminar Inauguration: Tahir Amin on Intellectual Property Wars: The Battle for Access to Medicines](#)
- [October 19, 2022 | Sawyer Seminar Inauguration: Tahir Amin on Technological Colonialism: The Political Economy of Innovation and Global Health](#)
- [October 26, 2022 | Works-in-Progress: Locating the Cloud](#)
- [November 02, 2022 | Giving Day](#)
- [November 2-7, 2022 | Sawyer Seminar: Alberto Ortiz-Diaz](#)
- [November 09, 2022 | Monica Barra on Alternative Restorations](#)
- [Canceled – November 17, 2022 | Book Launch! Unsettled Borders: Militarized Border Technologies and Indigenous Sacred Science](#)
- [Canceled – November 28, 2022 | Book Launch! Contesting Race and Citizenship: Youth Politics in the Black Mediterranean](#)
- [January 27, 2023 | Sawyer Seminar: Kaushik Sunder Rajan on Ethnographic Transformations: Cases, Life Histories, and Other Entanglements of Emergent Research](#)
- [February 21, 2023 | “Why Is Publishing So White?” An Evening with Richard Jean So](#)
- [March 7-8, 2023 | Sawyer Seminar: Wangui Muigai on Fighting for Life: Race and the Limits of Infant Survival](#)
- [April 05, 2023 | BME80G Series: Joseph Graves on “Racism, Not Race: Answers to the most critical questions”](#)
- [April 12, 2023 | BME80G Series: Krystal Tsosie on “Referring to Whom? The ‘Indigenous Reference Genome”](#)
- [April 19, 2023 | BME80G Series: Zac Zimmer on “Metaphors for Models”](#)
- [April 19, 2023 | Sawyer Seminar: Karina L. Walters on Transcending Historical Trauma: How to Address American Indian Health Inequities and Promote Thriving](#)
- [April 26, 2023 | BME80G Series: Benjamin Hale on “Clean Meat and Muddy Markets: Substitution and Indeterminacy in Consumerist Solutions to Animal Agriculture”](#)
- [May 01, 2023 | Baking Strange with Lindsay Kelley](#)
- [May 03, 2023 | Book Launch! Unsettled Borders: Militarized Border Technologies and Indigenous Sacred Science](#)

- [May 03, 2023 | BME80G Series: Victoria M. Massie on “Of Albert Perry: A Biomythography of Genetic African Origins”](#)
- [May 10-11, 2023 | Sawyer Seminar: Anna Barry-Jester on “From Symptom to Story: Understanding an Epidemic of Kidney Disease in Central America”](#)
- [May 15, 2023 | BME80G Series: Hank Greely on “Weird Sh!t: Organoids, Chimeras, and Embryo Models”](#)
- [May 22, 2023 | Book Launch! Contesting Race and Citizenship: Youth Politics in the Black Mediterranean](#)
- [May 24, 2023 | Works-in-Progress with Lindsay Kelley on Baking Strange](#)
- [May 31-June 01, 2023 | Sawyer Seminar: Juan Sebastian Gil-Riaño on Stolen Evidence: Indigenous Children and Bio-historical narratives of the Western Hemisphere during the Cold War](#)
- [May 31, 2023 | BME80G Series: Marcy Darnovsky on “Should We Genetically Modify Our Children?”](#)
- [June 05, 2023 | BME80G Series: Alexandra Minna Stern on “Eugenics, State Harm, and Reparations in California: An Unfinished History”](#)
- [June 07, 2023 | BME80G Series: Susan Reverby on “Examining Tuskegee: The Infamous Syphilis Study and its Legacy”](#)
- [June 20, 2023 | Incorporating Indigenous Ethics and World Views in STEM Education](#)

Appendix 3: Research Clusters & Projects

Building Diversity in Sociology and Science and Technology Studies Initiative

As efforts to increase the diversity of both researchers and the researched in STEM have gained in prominence, the number of underrepresented graduate students working in Science and Technology Studies (STS) remains unacceptably low in the United States. While substantial resources have been allocated to address pipeline issues in STEM and to a lesser extent the social sciences, to our knowledge, few exist that specifically focus on training the next generation of STS scholars of color who can provide critical guidance and nuanced expertise on justice and equity concerns in STEM. The Sociology Department at UC Santa Cruz, with the Science & Justice Research Center, endeavors to better fulfill department and university missions by increasing the number of underrepresented graduate students in STEM and STS. In particular, we aim to create inclusive and innovative spaces that foster intellectual excellence in our fields and which further builds out academic associations that reflect the diversity of our state.

We situate our work examining the interrelated problem of diversity in both science and society at the intersections of sociology and science, technology, and society studies. Our *Sociology of Science and Technology Studies Pathways Project* aims to map out the critical skills needed for building capacities to address current and future problems that require a broad analytical span of disciplines and expert areas of practice. A vitally important aspect of the Pathways Project involves undergraduate students in contributing to making robust intellectual linkages between the social sciences, history, politics, and genomic science to better understand diversity in the lab and in the society. For more information, contact [James Doucet-Battle](#).

Just Biomedicine

Just Biomedicine is a UC Santa Cruz-based research collective that examines the meeting of biomedicine, biotechnology, and big data along the Third Street corridor in the Mission-Bay neighborhood of San Francisco. Many hope that this convergence will democratize access to health information and produce revolutionary new medical treatments that new companies will make available to the public through market mechanisms. Yet, as

in other domains, living with technoscientific transformations over time reveals how they produce new inequalities and injustices: new challenges to democratic governance; new surveillance regimes; and new forms of social stratification.

The team continued presenting their findings publicly and at other academic institutions and professional academic associations. In Winter 2023, graduate student researcher **Dennis Browe** (sociology) and SJRC Director


[Just Biomedicine on Third Street? Health & Wealth Inequities in San Francisco's Biotech Hub](#)

Just Biomedicine is a UC Santa Cruz-based research collective, housed within the Science & Justice Research Center, that examines the meeting of biomedicine, biotechnology, and big data along the Third Street corridor in the Mission-Bay neighborhood of San Francisco.

Presenter: Dennis Browe, MA

Just Biomedicine Team:

- Dr. Kate Darling, PI
- Dr. Jenny Reardon, UCSC Faculty Sponsor
- Andy Murray, graduate student researcher
- Dennis Browe, graduate student researcher
- Wessede Barrott, undergraduate researcher
- Nikobi Petronelli, undergraduate researcher



Jenny Reardon presented on Just Biomedicine at UC San Francisco as part of the *SNU in the World Program*. Here they are on a walking tour of the Third Street corridor in the Mission-Bay neighborhood of San Francisco. Photo by **Jenny Reardon** in front of the Joan and Sanford Weill Neurosciences Building.

SJRC Director **Jenny Reardon** continued her service on the advisory board for the Center for

ELSI Resources and Analysis (CERA). CERA is a new national center establishing a reliable online platform for scientists, scholars, policymakers, journalists and the general public to learn about the ethical, legal and social implications of genetics and genomics (ELSI) and fostering a community of multi-disciplinary researchers focused on ELSI research. CERA is funded by the National Human Genome Research Institute (NHGRI) at the National Institutes of Health (NIH) and co-led by the Stanford Center for Biomedical Ethics and the Division of Ethics at Columbia University in partnership with The Hastings Center and the Personal Genetics Education Project at Harvard University by Co-Principal Investigators **Mildred Cho** (Associate Director Stanford Center for Biomedical Ethics) and **Sandra Soo-Jin Lee** (Chief, Division of Ethics Department of Medical Humanities and Ethics at Columbia University). To get involved, contact [Jenny Reardon](#).

Leadership in the Ethical and Equitable Design of STEM research (LEED)

Increasingly public and private funders recognize the critical importance of incorporating ethical and societal analysis into the design of science, technology, engineering, and math (STEM) research. Despite this growing demand, there is little guidance on best practices for fostering this integration or for evaluating its effects. This initiative—a national and international collaboration—aims to clarify, review, and revitalize the roles and value of engaging bioethicists and scholars in the social sciences, humanities, and the arts in STEM research. It proceeds in three phases: background research; drafting of LEED Principles and Practices; and International

Discussion and Write-Up of LEED Principles and Practices. If you would like to take part in or contribute to this project, email [Jenny Reardon](#). [Learn more](#).

Race, Empire, and the Environments of Biomedicine

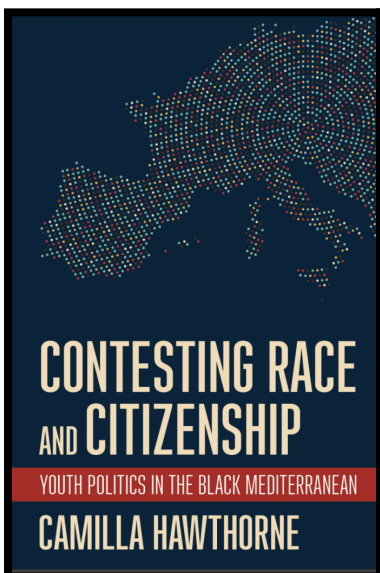
Thanks to a generous grant from The Andrew W. Mellon Foundation, through a seminar working group led by Professors **Jennifer Derr** (History) and **Jenny Reardon** (Sociology), faculty and students at UC Santa Cruz will continue to have a chance to critically investigate the relationships among medicine, race, and the environment both in the United States and in other regions of the globe shaped by the influence of American medicine. The project hired graduate students and a postdoctoral scholar.

The Andrew W. Mellon Foundation Sawyer Seminar on “Race, Empire, and the Environments of Biomedicine” hosted public lectures, scholarly talks, and a regular interdisciplinary reading and discussion group, interrogating the intersections among race, empire, and the environment, and their significance in the theory, practice, and structure of American biomedicine. Learn more at [this campus news article](#) or visit the [project page](#).

The SNU in the World Program: Innovation, Science and Justice at UC Santa Cruz

The SNU in the World Program, administered by the Office of International Affairs (OIA) at Seoul National University (<https://oia.snu.ac.kr/snu-world-program-swp>) is a university-led and government-funded initiative to train undergraduate students to be globally engaged scholars and leaders. The *SNU in the World Program* with the Science & Justice Research Center (SJRC) at UC Santa Cruz is coordinated through the Science & Justice Research Center’s Visiting Scholar Program with Doogab Yi, Associate Professor of Science Studies at Seoul National University (<https://bit.ly/2P9b7Wi>). The *SNU in the World Program* at UC Santa Cruz is one of five other programs selected for funding and focuses on Innovation, Science and Justice. Other SNU Programs include visits to Washington DC (public policy), Japan (sustainable development), and Australia (climate crisis). If you would like to take part in or contribute to this partnership, email [Jenny Reardon](#) and [Colleen Stone](#). [Learn more](#).

Appendix 4: SJRC Publications Launched in 2022-2023



Contesting Race and Citizenship: Youth Politics in the Black Mediterranean (Cornell University Press, 2022)

Contesting Race and Citizenship is an original study of Black politics and varieties of political mobilization in Italy. Although there is extensive research on first-generation immigrants and refugees who traveled from Africa to Italy, there is little scholarship about the experiences of Black people who were born and raised in Italy. SJRC affiliated faculty **Camilla Hawthorne** focuses on the ways Italians of African descent have become entangled with processes of redefining the legal, racial, cultural, and economic boundaries of Italy and by extension, Europe itself.

Contesting Race and Citizenship traces not only mobilizations for national citizenship but also the more capacious, transnational Black diasporic possibilities that emerge when activists confront the ethical and political limits of citizenship as a means for securing meaningful, lasting racial

justice—possibilities that are based on shared critiques of the racial state and shared histories of racial capitalism and colonialism.

More information can be found at:

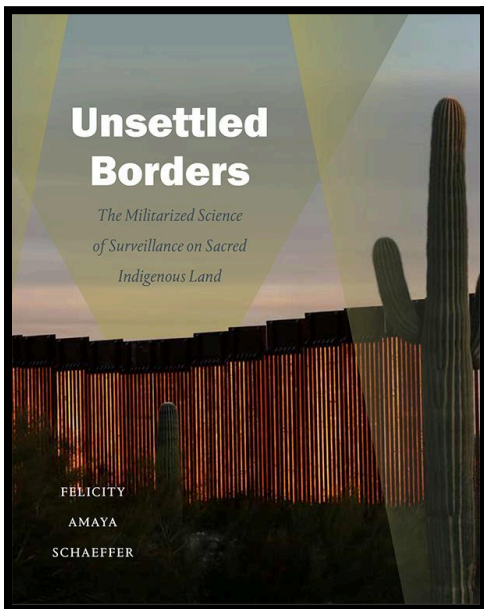
<https://www.cornellpress.cornell.edu/book/9781501762291/contesting-race-and-citizenship>.

The open-access ebook version can be downloaded at:

<https://d119vjm4apzmdm.cloudfront.net/open-access/pdfs/9781501762307.pdf>

Unsettled Borders: The Militarized Science of Surveillance on Sacred Indigenous Land (Duke University Press, August 2022)

In [Unsettled Borders](#) SJRC affiliate faculty **Felicity Amaya Schaeffer** (Feminist Studies) examines the ongoing settler colonial war over the US-Mexico border from the perspective of Apache, Tohono O’odham, and Maya who fight to protect their sacred land. Schaeffer traces the scientific and technological development of militarized border surveillance across time and space from Spanish colonial lookout points in Arizona and Mexico to the Indian wars, when the US cavalry hired Native scouts to track Apache fleeing into Mexico, to the occupation of the Tohono O’odham reservation and the recent launch of robotic bee swarms. Labeled “Optics Valley,” Arizona builds on a global history of violent dispossession and containment of Native peoples and migrants by branding itself as a profitable hub for surveillance. Schaeffer reverses the logic of borders by turning to Indigenous sacred sciences: ancestral land-based practices that are critical to reversing the ecological and social violence of surveillance, extraction, and occupation.



Learn more about *Unsettled Borders* in this campus news article:

<https://news.ucsc.edu/2022/07/felicity-schaeffer-unsettled-borders.html>

Appendix 5: Contributions to Policy

[Toward Equitable Innovation in Health and Medicine: A Framework](#)

Jenny Reardon (sociology) served as a reviewer for this National Academies of Sciences, Engineering and Medicine (NASEM) report that put forward a cross-sectoral governance framework for considering potential benefits and risks that emerging science, technology, and innovation in health and medicine can bring to society, with a focus on equity.

[Building Bridges, Earning Trust: The WHY and the HOW of Public Trust in Science](#)

Jenny Reardon (sociology) served on a panel on public trust in science that was a basis of this Aspen Institute Report.

[Educational Pathways for Black Students in Science, Engineering, and Medicine Exploring Barriers and Possible Interventions: Proceedings of a Workshop](#)

James Doucet-Battle (sociology) served as a reviewer of this National Academies of Science Engineering and Medicine (NASEM) report that provided a platform to explore challenges and opportunities, beginning in the earliest years of life through K-12 schooling, undergraduate and postgraduate education, and into the workforce.

Appendix 6: SJRC Funders

Since 2004, the SJRC has helped faculty across campus raise over \$10 million in grants for collaborative research including training grants by the National Science Foundation, National Institutes for Health and California Institute for Regenerative Medicine (CIRM). Below is a summary of active awards. A full breakdown of external and internal grants and gifts can be found in [Appendix 8: Key Accomplishments](#).

Current Funded Initiatives

LEED: Leadership in the Equitable and Ethical Design of Science and Engineering

Funding Agency: National Science Foundation ER2-Ethical & Responsible Research

Principal Investigator: Jenny Reardon

Amount: \$399,994

Race, Empire, and the Environments of Biomedicine

Funding Agency: Andrew W. Mellon Foundation

Principal Investigator: Jennifer Derr, with Co-PI Jenny Reardon

Amount: \$225,000

Science and Justice Minor Research and Planning Cluster

Funding Agency: The UCSC Office of Research, SEED Grant

Principal Investigator: Christine Hong, with Co-PI Jenny Reardon

Amount: \$40,000 (applied) (awarded by Division of Humanities)

Building Sociology and Science and Technology Studies

Funding Agency: Institute for Social Transformation's Building Belonging Program

Principal Investigator: James Doucet-Battle

Amount: \$6000

EDUC 4: CIRM Research Training Grant "CIRM Scholar" Awards

Funding Agency: California Institute for Regenerative Medicine (CIRM)

Principal Investigator: Institute for the Biology of Stem Cells: Camilla Forsberg, Co-PI: Lindsay Hinck

Amount: \$4,913,271 (\$2,500 SJRC portion)

The SNU in the World Program on Innovation, Science and Justice

Funding Agency: Office of International Affairs (OIA) at Seoul National University

Principal Investigator: UCSC Jenny Reardon; SNU Doogab Yi



Amount: \$40,000

Major Sponsors

Department of Sociology
Division of Graduate Studies
Division of Humanities
Division of Physical & Biological Sciences
Division of Social Sciences
The UC Santa Cruz Office of Research

Appendix 7: SJRC 2022-2023 Org Chart

SJRC Org Chart 2022-2023 ([PDF](#))

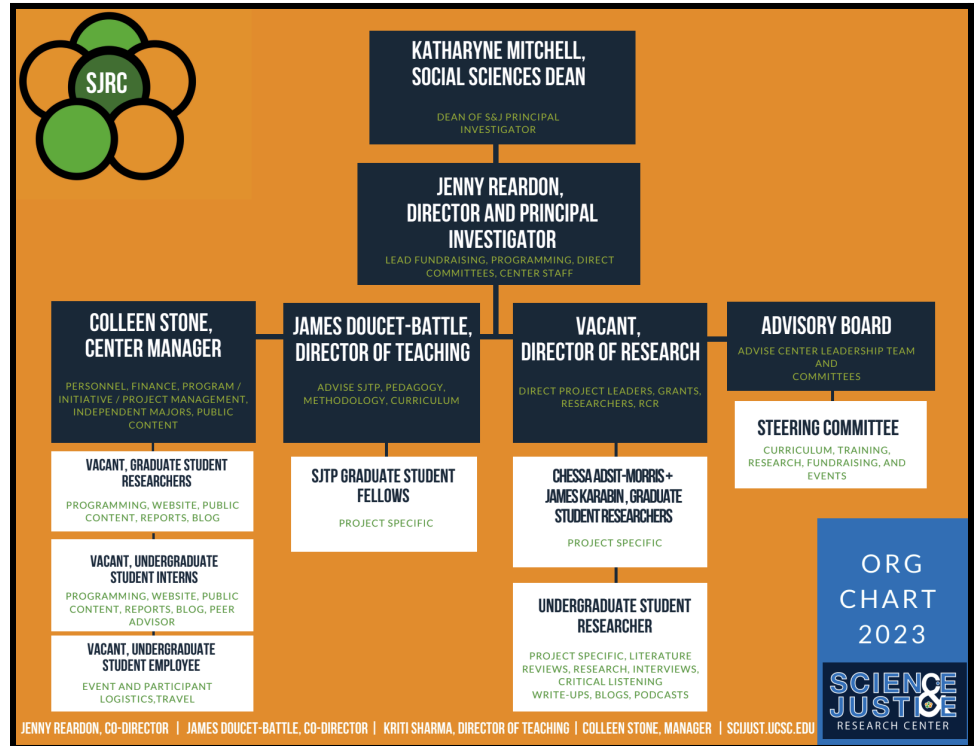
Appendix 8: SJRC Faculty Affiliates at UC Santa Cruz

The Science & Justice Research Center (SJRC) partners with multiple regional and international units to provide a discipline-neutral space to freely express and address areas of common concern through facilitated discussions, student exchanges, research, and training. Find out more about [how affiliates support the Center](#).

UCSC Affiliated Faculty

SJRC Affiliated Faculty add to the liveliness of the S&J Community.

[Elliot Anderson](#), Art
[Hillary Angelo](#), Sociology
[Neda Atanasoski](#), Feminist Studies
[Karen Barad](#), Feminist Studies, History of Consciousness, and Philosophy
[Chris Benner](#), Environmental Studies, Sociology
[Angela Brooks](#), Biomolecular Engineering
[Micha Cárdenas](#), Art and Design: Games and Playable Media
[Nancy Chen](#), Anthropology
[Sharon Daniel](#), Film & Digital Media
[Jennifer Derr](#), History
[Lindsey Dillon](#), Sociology
[James Doucet-Battle](#), Sociology
[Madeleine Fairbairn](#), Environmental Studies
[Lars Fehren-Schmitz](#), Anthropology
[Anna Friz](#), Film & Digital Media
[Lise Getoor](#), Computer Science
[Leilani Gilpin](#), Computer Science and Engineering



[Julie Guthman](#), Community Studies
[Kathleen \(Kat\) Gutierrez](#), History
[Camilla Hawthorne](#), Sociology
[Dee Hibbert-Jones](#), Digital Art and New Media
[Christine Hong](#), Critical Race and Ethnic Studies, Literature
[Zia Isola](#), Center for Biomolecular Science & Engineering
[Sikina Jinnah](#), Environmental Studies
[Naya Jones](#), Sociology, Global and Community Health
[Geri Kerstiens](#), Chemistry
[Amy Krauss](#), Feminist Studies
[Andrew Mathews](#), Anthropology
[Karen Miga](#), Baskin School of Engineering
[Jaimie Morse](#), Sociology
[Tamara Pico](#), Earth and Planetary Sciences
[Jenny Reardon](#), Sociology
[Alicia Riley](#), Sociology, Global and Community Health
[Warren Sack](#), Digital Arts and New Media
[Felicity Amaya Schaeffer](#), Feminist Studies
[Beth Shapiro](#), Ecology and Evolutionary Biology
[Matt Sparke](#), Politics
[Beth Stephens](#), Art, E.A.R.T.H. Lab
[Susan Strome](#), Molecular Cell & Developmental Biology
[Anna Tsing](#), Anthropology
[Anjuli Verma](#), Politics

UCSC Steering Committee

Members of the SJRC Steering Committee serve for 1 academic year (renewable). The committee advises the Center on its research, community involvement, programing, and building the Science and Justice platform. It also reviews committee members and assignments, the Center's research themes, events, visiting scholars, and steers the Center's overall programing. The committee meets twice per term.

[Jennifer Derr](#), History
[James Doucet-Battle](#), Sociology
[Lars Fehren-Schmitz](#), Anthropology
[Lise Getoor](#), Computer Science
[Dee Hibbert-Jones](#), Digital Art and New Media
[Jaimie Morse](#), Sociology
[Jenny Reardon](#), Sociology
[Matt Sparke](#), Politics

Internal Advisory Board

Members of the SJRC Advisory Board serve for 3 academic years (renewable). Board members advise the Center on institutional support and fundraising, cultivate connections and synergy amongst partners, and help forge the overall Center vision and plans. The Board meets annually in Spring.

[Elliot Anderson](#), Art

[Karen Barad](#), Professor of Feminist Studies

[Ed Green](#), Biomolecular Engineering

[Zia Isola](#), Center for Biomolecular Science & Engineering

[Warren Sack](#), Digital Arts & New Media

[Anna Tsing](#), Anthropology

External Advisory Board

[Geoffrey Bowker](#), Bioinformatics, University of California – Irvine

[Joe Dumit](#), Anthropology, University of California – Davis

[Sally Lehrman](#), SJRC Visitor

[Laura Mamo](#), Health Equity Institute, San Francisco State University

[Janet Shim](#), School of Nursing, University of California – San Francisco

[Kim TallBear](#), Native Studies, University of Alberta, Canada

[Fred Turner](#), Communications, Stanford

Appendix 9: SJRC Key Accomplishments

Key Accomplishments (eg: external and internal funding, grants, press coverage, research collaborations) can be found [here](#).