

SEVAN S. SUNI

Assistant Professor, University of San Francisco
ssuni@usfca.edu • (650) 646-1799
Harney 219G, 2130 Fulton Street
San Francisco, CA 94117



CURRENT APPOINTMENT

2018 - Current Assistant Professor of Biology
 Biology Department, University of San Francisco

PAST APPOINTMENTS & EDUCATION

2014 - 2017 Postdoctoral Fellow
 Dept. of Organismic and Evolutionary Biology, Harvard University

2012 - 2014 Darwin Postdoctoral Fellow
 Organismic and Evolutionary Biology Program, University of Massachusetts Amherst

2009 - 2012 NIH Postdoctoral Fellow
 Center for Insect Science, University of Arizona

2009 Ph.D. Department of Biology, Stanford University, Stanford CA
 Dissertation: "Genetics and population dynamics of dependent-lineage populations of harvester ants"

2004 B.A. Department of Biology, Colorado College, Colorado Springs CO,
 *Honors Thesis: "Conservation genetics of the rare plant *Mimulus Gemmiparus*"*

2003 United Nations Environment Programme, Geneva, Switzerland
 Research associate: investigated the impacts of large dams on biodiversity

PROFESSIONAL SOCIETIES

Society for the Study of Evolution
Ecological Society of America
American Society of Naturalists
Genetics Society of America
Society for Molecular Biology and Evolution

1. RESEARCH

My research program at the University of San Francisco examines how environmental changes and ecology influence evolutionary trajectories and the conservation status of populations, focusing primarily on plants, pollinators, and plant-pollinator interactions. My students and I use a variety of approaches, including genomics, bioinformatics, landscape genetics, GIS, field ecology, and experimental evolution to examine organismal responses to global changes. Ultimately, we seek to provide an integrated understanding of how traits of individuals and ecological factors interact to influence the way populations respond to environmental changes, and how we can use this information to increase positive feedbacks between human-dominated and more natural systems.

PEER-REVIEWED PUBLICATIONS (Masters student co-author, Undergraduate student co-author)

Hayes, H, Kremen, C, Jha, Shalene, **Suni, SS**. Effects of small-scale habitat restoration on genetic diversity and connectivity in bee populations. *In prep. for submission to Ecological Applications*.

Ibañez, N, Paul, J, **Suni, SS**. Climate as a driver of divergence in soil-specialist plants. *In prep. for submission to Proceedings of the Royal Society Series B*.

Hernandez, M, **Suni, SS**. Drivers of dispersal in tropical bees across degraded landscapes. *Under revision at Molecular Ecology*.

Suni, SS, Kuwana, A., Ibañez, N. (2023) Responses of floral traits to water limitation across soil and climatic gradients. *Flora* <https://doi.org/10.1016/j.flora.2023.152295>

Suni, SS, and Hernandez, M. (2023) Strong decreases in genetic diversity despite high gene flow for a solitary bee. *Conservation Genetics*, <https://doi.org/10.1007/s10592-023-01524-3>.

Suni, SS, Hall, E, and Bahu, E. (2022) Urbanization increases floral specialization of pollinators. *Ecology and Evolution*. 12:3. <https://doi.org/10.22541/au.162486804.49518801/v1>

Suni, SS, and Dela Cruz, K. (2021) Climate associated shifts in color and body size for a tropical bee. *Apidologie*. 26: 1-3. <https://doi.org/10.1007/s13592-021-00875-5>

Suni, SS, Ainsworth, B, and Hopkins R. (2020) Local adaptation mediates floral responses to water limitation in an annual wildflower. *American Journal of Botany* 107(2):209-218. <https://doi.org/10.1002/ajb2.1434>

Suni, SS, and Hopkins, R. (2018) The relationship between post mating reproductive isolation and reinforcement in *Phlox*. *Evolution*. 72: 1333-1536. <https://doi.org/10.1111/evo.13507>

Suni, SS, Scott, Z, Averill, A, and Whiteley A. (2017) Population genetics of commercial and wild bumble bees: implications for crop pollination and the genetic integrity of wild bees. *Conservation Genetics* DOI 10.1007/s10592-017-0955-5.

Suni, SS. (2017) Assessing dispersal over degraded habitat and intact forest for the orchid bee *Euglossa imperialis*. *Conservation Genetics*, <https://doi.org/10.1007/s10592-016-0902-x>.

Suni, SS and Whiteley, A. (2015) Genetic structure of a montane perennial plant: the influence of landscape and flowering phenology. *Conservation Genetics* 16: 1431-1442. <https://doi.org/10.1007/s10592-015-0751-z>

Suni, SS, Bronstein, J, Brosi, BJ. (2014) Spatio-temporal Genetic Structure of a Tropical Bee Species Suggests High Dispersal Over a Fragmented Landscape. *Biotropica* 24: 202-209. <https://doi.org/10.1111/btp.12084>

Suni, SS, and Brosi, BJ. (2012) Population genetics of orchid bees in a fragmented tropical landscape. *Conservation Genetics* 13: 323-332. <https://doi.org/10.1007/s10592-011-0284-z>

Suni, SS, and Eldakar, OT. (2011) High mating frequency and variation with lineage ratio in dependent-lineage harvester ants. *Insectes Sociaux* 58: 357 – 364. <https://doi.org/10.1007/s00040-011-0150-5>

Souza, RO, Del Lama, MA, Cervini, M, Mortari, N, Eltz, T, Zimmermann, Y, Bach, C, Brosi, BJ, **Suni, SS**, Quezada-Euán, JG, and Paxton RJ. (2010) Conservation genetics of neotropical pollinators revisited:

microsatellite analysis suggests that diploid males are rare in orchid bees. *Evolution* 64: 3318-26. <https://doi.org/10.1111/j.1558-5646.2010.01052.x>

Suni, SS, and Gordon, DM. (2010) Fine-scale genetic structure and dispersal distance in the harvester ant *Pogonomyrmex barbatus*. *Heredity* 104: 168-173. <https://doi.org/10.1038/hdy.2009.124>

Schwander, TS, Cahan, SH, **Suni, SS**, and Keller, L. (2008) Mechanisms of reproductive isolation between an ant species of hybrid origin and its parents. *Evolution* 62: 1635-1643. <https://doi.org/10.1111/j.1558-5646.2008.00387.x>

Suni, SS, Gignoux, C, and Gordon, DM. (2007) Male parentage in dependent-lineage populations of the harvester ant *Pogonomyrmex barbatus*, *Molecular Ecology* 16: 5149-5155. <https://doi.org/10.1111/j.1365-294x.2007.03492.x>

HONORS AND AWARDS

- 2023 (summer) USF Academic Excellence Fund Mini Writing Retreat Grant (\$1327.48)
- 2023 (spring) USF FDF Research Award: Pollinator Nutrition
- 2023 (spring) USF FDF Travel Award: Habitat restoration increases genetic diversity and connectivity for wild bees in agricultural areas
- 2023 (spring) USF FDF Research Award: Drought adaptation in Bay Area plants
- 2022 (fall) USF FDF Research Award: Drought adaptation in Bay Area plants
- 2022 (fall) USF FDF Travel Award: Drought effects in serpentine-tolerant plants
- 2022 (spring) Applied for National Science Foundation Award, entitled: *RUI: Climatic adaptation via gene flow across heterogeneous environments* (\$497,956). The award was evaluated by five reviewers. Ratings included Excellent (1), Very good (3), and Good (1), and was not funded.
- 2022 (spring) USF FDF Research Award: Drivers of dispersal and genetic variation for bee species in a fragmented tropical habitat
- 2022 (spring) USF FDF Travel Award: Drought effects on nectar in serpentine-tolerant plants
- 2022 (spring) USF FDF Travel Award: Drivers of dispersal and genetic variation for bee species in a fragmented tropical habitat
- 2021 (fall) USF FDF Research Award: Drought adaptation in bay area plants
- 2021 (fall) USF FDF Research Award: Assessing Connectivity in Bay Area Bee Populations
- 2021 (spring) USF FDF Research Award: Assessing the dispersal of bee pollinators across degraded habitat and intact tropical forest
- 2020 (spring) USF FDF Travel Award: Longitudinal data collection by undergraduate classes reveals effects of urbanization on plant-pollinator interactions
- 2020 (spring) USF FDF Travel Award: Phlox sampling
- 2020 (fall) USF FDF Research Award: Assessing the dispersal of Euglossine bees over degraded habitat and intact forest
- 2020 (fall) USF FDF Research Award: Orchid dispersal and inbreeding levels across degraded habitat and within intact tropical forest
- 2019 (fall) USF FDF Research Award: Orchid dispersal and inbreeding levels across degraded habitat and within intact tropical forest
- 2019 (fall) USF FDF Research Award: Assessing the dispersal of Euglossine bees over degraded habitat and intact forest
- 2019 (fall) USF FDF Travel Award: Effects of urbanization on plant-pollinator interactions
- 2019 (fall) USF FDF Travel Award: Phlox sampling
- 2019 (spring) USF FDF Research Award: Orchid dispersal and inbreeding levels across degraded habitat and within intact tropical forest
- 2019 (spring) USF FDF Research Award: Assessing the dispersal of dispersal of bee pollinators across degraded habitat and intact tropical forest

2019 (spring)	USF FDF Travel Award: Dispersal of Euglossine bees over degraded habitat and intact forest
2019 (spring)	USF FDF Travel Award: Sampling Euglossine Bees for longitudinal research on dispersal over a fragmented area
2018 (fall)	USF FDF Research Award: Orchid dispersal and inbreeding levels across degraded habitat and within intact tropical forest
2018 (fall)	USF FDF Research Award: Assessing the dispersal of dispersal of bee pollinators across degraded habitat and intact tropical forest
2018 (spring)	USF FDF Travel Award: Dispersal of Euglossine bees over degraded habitat and intact forest
2018 (spring)	USF FDF Travel Award: Collection methods for orchid bees
2018 (spring)	USF FDF Research Award: Assessing the dispersal of dispersal of bee pollinators across degraded habitat and intact tropical forest
2018 (spring)	USF FDF Research Award: Assessing connectivity among Bay Area wild bee populations
2012, '13	Rocky Mountain Biological Laboratory: Summer Research Fellowship
2011	Travel award, Center for Insect Science, University of Arizona
2008, '09	Morrison Institute, Stanford University
2008	Armenian International Women's Association
2008	Society for the Study of Evolution, travel award
2008	BioX travel award, Stanford University
2006, '07, '08	Theodore Roosevelt Memorial Grant, American Museum of Natural History
2006	Teaching Award, Stanford University
2005, '06	Center for Evolutionary Studies, Stanford University
2004	Horace H Work Music Scholarship
2004	Max Lanner Prize for Excellence in Instrumental Music
2004	Myrtle Bridges Award in Music
2003	Award for Women in Science, Tashjian-Crecelius Foundation
2002	Howard Hugues Medical Research Institute
2001	Alpha Lambda Delta Honor Society, Colorado College

SELECTED PROFESSIONAL PRESENTATIONS

2023	Invited Talk, Quantitative and Systems Biology Seminar Series, UC Merced
2022	Talk, Ecological Society of America Meeting, Montreal, Canada
2022	Poster, Population, Evolutionary, and Quantitative Genetics Conference, Asilomar, CA
2022	Guest Lecture, Honors College Gateway Course, USF, San Francisco CA
2021	Invited talk, Marin County Beekeepers
2020	Invited talk, Ecological Society of America Meeting, virtual due to Covid 19
2020	Invited talk, Sonoma State University
2020	Invited talk, University of Alaska Anchorage (cancelled due to Covid 19)
2020	Poster Presentation, American Society of Naturalists, Asilomar, CA
2019	Invited talk, University of California Berkeley, ESPM Department, Berkeley CA
2018	Invited talk, USF, San Francisco CA
2018	Guest Lecture, Ecology Course, Biology Department, USF, San Francisco CA
2018	Poster Presentation, Ecological Society of America Meeting, New Orleans LA
2017	Invited talk, The Arnold Arboretum's Summer Institute for K12 Teachers, Boston MA
2017	Invited talk, USF, San Francisco, CA
2016	Invited talk, University of San Diego, San Diego, CA
2016	Invited talk, Bucknell University, Lewisburg PA
2016	Invited talk, North Central College, Naperville, IL
2016	Talk, American Society of Naturalists Meeting, Asilomar, CA
2016	Invited talk, Harvey Mudd College, Claremont, CA
2015	Invited talk, Ecological Society of America Meeting, Baltimore, MD
2015	Invited talk, Department of Entomology, University of Minnesota, Minneapolis, MN

2014	Invited talk, The Arnold Arboretum of Harvard University, Boston, MA
2014	Invited talk, Department of Biology, University of Pennsylvania, Philadelphia, PA
2014	Invited talk, Department of Biology, Swarthmore College, Swarthmore, PA
2014	Invited talk, Department of Biology, Willamette University, Salem, OR
2014	Invited talk, International Symposium on Orchid Bees, La Gamba, Costa Rica
2014	Invited talk, Department of Ecology and Evolutionary Biology, U. California, Irvine CA
2013	Guest lecture, Dept. of Environmental Conservation, U. Massachusetts, Amherst MA
2013	Invited talk, Biology Department, Amherst College, Amherst MA
2013	Guest lecture, The Colorado College, Colorado Springs CO.
2013	Invited talk, Tasjian-Crecelius Symposium for Women in Science, Colorado Springs, CO
2012	Invited talk, Organismic and Evolutionary Biology Program, U. Massachusetts, Amherst MA
2011	Invited talk, Biology Department, The Colorado College, Colorado Springs CO.
2009	Invited talk, Center for Insect Science, University of Arizona, Tucson AZ.
2008	Invited talk, Lindblad Expeditions: Aboard the National Geographic Endeavour
2008	Invited talk, Department of Ecology and Evolutionary Biology, U. Lausanne, Switzerland

STUDENT MENTORING

Suni Lab Graduate Students:

2022 – 2024	Adelaide Ergastolo, MS Student (Biology)
2021 – 2023	Erin Hall, MS Student (Biology)
2019 – 2023	Melissa Hernandez, MS Student (Biology)
2019 – 2023	Nicole Ibañez, MS Student (Biology)
2019 – 2023	Hannah Hayes, MS Student (Biology)

Suni Lab Undergraduate Research Assistants:

2023 – Current	Bianca Gonzalez, Marissa Joya, Collin Oliver, Elizabeth Garkushka, Viola Perfertti, Elsa Tippy, Tanusri Gudavalli, Hailee Wu, Wendi Lei
2022 – 2023	Gurleenn Kaur, Varshaa Balasubramaniam, Trisha Polakala
2021 – 2022	Camille Bailon, Mary Chin, Rayna Benzaken, Simrin Covarrubias, Tatjana Bevineau, Victoria Guan, Brianna Connors, Adelaide Ergastolo, Thin Aung
2020 – 2021	Allyson Kuwana, Camille Bailon, Parth Rathi
2019 – 2020	Jaqueline Imperial, Allyson Kuwana, Evangelina Bahu, Erin Hall, Saundra Bell, Gia Saini, David Tran, Imani Bamba, Diana Celedonio, Oriene Yu, Benny Sulit
2018 – 2019	Raphael Rathle, Madylene Burcher, Melissa Hernandez, Jaqueline Imperial
2017 – 2018	Raphael Rathle, Madylene Burcher

Other Graduate Student Mentoring & Committees:

2022 – Current	Sara Herrejon Chavez, UC Berkeley, PhD Thesis Committee Member, Booth Lab
2021 – 2023	Sarah Gao, USF, Master's Thesis Committee Member, Zimmerman Lab
2020 – 2022	Ashley Sango, USF, Master's Thesis Committee Member, Zimmerman Lab
2019 – 2020	Jason Krastins, Master's Thesis Committee Member, Zimmerman Lab
2018 – 2019	Tiffany Kho, USF, Master's Thesis Committee Member, Paul Lab

USF Biology Undergraduate Honors Theses:

2021 – 2022	Allyson Kuwana, (Suni Lab)
2019 – 2020	Kailie Dela Cruz (Suni Lab)
2020 – 2021	Ralphyn Pallikunnath (Paul Lab)
2020 – 2021	Cate Gwinn (Paul Lab)

Prior Undergraduate Mentees:

2016 – 2017	Patty Chindapol, Independent Study, Harvard University
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2014 – 2016	Benjamin Ainsworth, Honors Thesis Research, Harvard University
2014 – 2015	Christopher Chen, PRISE Undergraduate Fellowship, Harvard University
2013 – 2014	Jake Grush; Zach Scott, Honors Thesis, University of Massachusetts Amherst
2012 – 2013	Winston Anthony, Honors Thesis, University of Massachusetts Amherst
2010 – 2011	Samantha Boyle, University of Arizona
2007 – 2009	Doan Lam Tran, Marina Kyutyavina, Holly Stebbing, Stanford University

AWARDS TO MENTORED STUDENTS

2023	Best Student Presentation Award, USF CARD – Erin Hall (Master’s)
2022	Whitehead Research Fellowship (\$10,000) – Erin Hall (Master’s)
2021	Sigma Xi Research Award (\$500) – Nicole Ibañez (Master’s)
2021	Whitehead Research Fellowship (\$10,000) – Hannah Hayes (Master’s)
2021	Arthur Furst Scholarship (\$2500) – Allyson Kuwana
2021	California Native Plant Society Award of Merit (\$2000) – Nicole Ibañez
2020	Beta Beta Beta Award (\$500) – Allyson Kuwana
2020	USF Whitehead Fellowship (\$10,000) – Nicole Ibañez
2019	National Science Foundation Graduate Research Fellowship Honorable Mention – Hannah Hayes

PROFESIONAL PRESENTATIONS BY MENTORED STUDENTS

Masters student, Undergraduate student

2023	Erin Hall, Talk, Creativity Activity and Research Day Conference, USF
2023	Rida Jan & Namratha Keninithi, Poster based on data collection and analysis completed in Plant Biology course, Creativity Activity and Research Day Conference, USF
2022	Erin Hall, Poster, Ecological Society of America Annual Meeting, Montreal, Canada
2022	Melissa Hernandez Posters, Ecological Society of America Annual Meeting, Montreal
2022	Hannah Hayes, Poster, Ecological Society of America Annual Meeting, Montreal, Canada
2022	Ally Kuwana, Poster, Ecological Society of America Annual Meeting, Montreal, Canada
2022	Erin Hall, Invited Talk, Berkeley City College, Virtual
2021	Hannah Hayes, Poster, Ecological Society of America Annual Meeting, Virtual
2021	Melissa Hernandez, Poster, Ecological Society of America Annual Meeting, Virtual
2021	Nicole Ibañez, California Native Plant Society, Virtual
2021	Hannah Hayes, Talk, Whitehead Fellowship Recipient Symposium, Virtual
2021	Hannah Hayes, Talk, Creativity Activity and Research Day Conference, USF, Virtual
2021	Nicole Ibañez, Poster, Creativity Activity and Research Day Conference, USF, Virtual
2020	Melissa Hernandez, USF Biology Department Seminar, San Francisco, CA
2019	Kailie Dela Cruz, Talk, USF Biology Department Seminar, San Francisco, CA
2019	Kailie Dela Cruz, Poster Creativity Activity and Research Day Conference, USF

2. TEACHING

The Biology Department at USF has over 500 declared biology majors and is committed to preparing students for professional careers and graduate programs in Biology, serving individuals from underprivileged groups, and increasing diversity in the STEM workforce. I teach a variety of courses in the Biology Department, including the Biology Department’s capstone course in Evolution, and three field courses that incorporate research-based field excursions to local sites for data collection and subsequent analysis. Two of these field courses are also community-engaged learning (CEL) courses, which is a required course designation that all USF students must fulfil. These have a strong focus on working with community members for the betterment of society and the environment. All the courses I teach engage students via active learning methods and have

a strong focus on deciphering primary literature, statistical empowerment, science communication, and the application of class content to environmental, health, and societal issues.

UNIVERSITY TEACHING

Instructor, University of San Francisco, San Francisco CA

BIOL 335 & 336: Pollination Biology Lecture & Lab (CEL & Field course)
BIOL 364 & 365: Plant Biology Lecture & Lab (CEL & Field course)
BIOL 383 & 384: Biology of Insects Lecture & Lab (Field course)
BIOL 414: Evolution (capstone course)
BIOL 490: Undergraduate Seminar in Biology
BIOL 498: Directed Research (Undergraduate Honors in Biology)
BIOL 695: Directed Reading (MS in Biology)
BIOL 698: Directed Research (MS in Biology)
BIOL 699: Thesis Writing (MS in Biology)

Instructor, University of Massachusetts Amherst, Amherst MA

2014 BIOLOGY 312: Writing in Biology
2013 BIOLOGY 312: Writing in Biology
2013 ORG&EVBI 697Y: Graduate Student Seminar
2012 ORG&EVBI 697Y: Graduate Student Seminar

Adjunct Professor, Pima Community College, Tucson AZ

2011 BIO 156: Introductory Biology (Cellular and Molecular Principles)

Graduate Student Instructor, Stanford University, Stanford CA

2007 GES 147: Controlling Climate Change in the 21st Century
2006 BIOSCI 101: Ecology
2005 BIOSCI 43: Plant Biology, Ecology and Evolution

Teaching Assistant, Colorado College

2003 BY 107: Introduction to Microbiology

CIRRICULUM DEVELOPMENT

Biology 335/336 – Pollination Biology and Lab (CEL & Field Course)

Pollination Biology is a course I developed for the Biology Department. It is a permanent fixture in the Biology Department's course offerings and I teach it every spring. In Pollination Biology, students collect and analyze original scientific data, and then generate a scientific paper that adheres to the standards set forth by top peer-reviewed biology journals. Students also work with local community organizations that are focused on citizen science data collection, on increasing access to healthy food, on increasing access to nature for underserved communities, or on habitat restoration. This course fulfills the upper division field course requirement for the Biology Major and is included within the Ecology Emphasis. It also fulfills the university requirement for community engaged learning.

BIOL 364 & 365: Plant Biology Lecture & Lab (CEL & Field course)

Plant Biology is an upper division field and CEL course that I developed for the Biology Department. It is a permanent fixture in the Biology Department's course offerings and I teach it every fall. In Plant Biology, students perform all parts of the scientific process and produce a publication-quality scientific paper. I modeled the progression after that which a first-year master's or PhD student would undertake. This includes reading review papers to understand what the main important and unanswered questions are, dissecting papers that detail experimental and observational studies to learn how findings, data, and statistics are

presented, collecting preliminary data via labs, generating an original scientific question, collecting original data, analyzing that data using statistical programming, generating publication-quality figures, writing a scientific paper, and undergoing peer review. In addition to their scientific pursuits, students work with local community organizations that are focused on habitat restoration, citizen science data collection, increasing access to healthy food, or increasing access to nature for under-served communities. This course fulfills the upper division field course requirement for the Biology Major and is included within the Ecology Emphasis. It also fulfills the university requirement for community engaged learning.

BIOL 383 & 384: Biology of Insects Lecture & Lab (Field course)

While Biology of Insects was already part of the curriculum when I began at USF, I developed my own version of the course. It had previously been taught as a taxonomic course, and I incorporated additional components, including a strong emphasis on deciphering primary literature to learn about current research foci in insect biology. I provide students with both a broad survey of insect diversity, and I seek to impart in students a deep appreciation for the importance of insects to ecological functioning, evolutionary processes in other taxonomic groups, and human well-being. We also discuss the relevance of studying insects to other scientific pursuits. This course fulfills the upper division field course requirement for the Biology Major and is included within the Ecology Emphasis.

BIOL 414: Evolution (capstone course)

When I began teaching this upper division course, I incorporated a variety of new active-learning exercises aimed at developing students' critical thinking skills and comprehension of challenging topics. These included an analysis of why phylogenies are often misread, a simulation of responses to natural selection, literature searches and subsequent discussion of the relevance of evolution to human health and the environment, and class-based design of studies that could be used to decipher the extent to which phenotypes are genetically or environmentally-based.

OTHER RELEVANT EXPERIENCE

2009 – 2012 **NIH-Training Program: Postdoctoral Excellence in Research and Teaching (PERT)**
This program was funded by an Institutional Research and Career Development Award (IRACDA) to the University of Arizona. During this fellowship I shadowed a professor and then taught the same course while being observed and evaluated, and attended and presenting at an IRACDA conference, and practiced active learning classroom methods.

3. SERVICE

USF emphasizes educating the whole person for community engagement and social justice. My service to the university, college, and department incorporates a focus on providing a more inclusive and supportive working environment for students, staff, faculty, librarians, and administrators, increasing diversity at the university and in STEM, increasing community-engagement, and celebrating the achievements of USF personnel. My service to the profession includes serving on national grant panels, reviewing for journals, mentoring students at other universities by sitting on PhD committees, providing support at conferences, and reviewing student conference presentations. My service to the community includes collecting data for local non-profits during community-engaged learning class activities, sharing knowledge at meetings of local non-profit organizations, and engaging in science education.

TO THE UNIVERSITY

2022 – Current Strategic Planning Working Group #2 Co-chair

- Leading a group of faculty, staff, librarians, and administrators that was tasked with determining how USF should invest in and promote the scholarly, creative, and

- community-focused endeavors that advance justice and address the pressing challenges of our time
- Facilitated a university-wide public forum to solicit input on our charge from the university community
 - Making connections across the university to elevate ongoing actions and generate new ideas for furthering the strategic planning goals
 - Drafting recommendations for the Office of the President regarding how to further the strategic planning goals
- 2023 Faculty Panel for Community Partner Fellowship, USF
 - Spoke about developing and implementing community engaged learning classes
- 2023 Speaker at “A Taste of the North Bay” – North Bay Alumni Regional Event, USF
 - Promoted connections with, and provided information about USF’s farm
- 2022 – Current Council on Community Engagement (UCCE), USF
 - Helping guide the university's community engagement activities to be academically rigorous experiences that embrace diversity and cultivate mutually enriching experiences with community partners
 - Serving as a resource for and advised members of USF faculty, staff, students, and USF Leadership Team, as well as community partners
 - Promoting programs and events focused on public service, community engagement, and community engaged learning
- 2022 Center for Teaching Excellence Panel, USF
 - Spoke on the panel: “Teaching Rooted in Place: Partnering With Star Route Farms” to promote opportunities to engage with the USF farm
- 2022 – Current President’s Advisory Committee on the Status of Women (PACSW), USF
 - Worked with the membership subcommittee to design new guidelines for inclusion on the committee and recruited new members to the organization
 - Facilitated implementation of the Women’s Mentoring Program in Fall 2022, including revision of guidelines and content, development of methods to assess success, and co-leading meetings
- 2022 – Current Faculty Advisory Board on Internationalization (FABI), USF
 - Providing support for FABI initiatives
- 2019 – 2021 FDF Committee, USF
 - Reviewed grant applications from faculty members for research and travel
 - Designed new criteria for allocating funding
- 2017 – 2018 Sustainability Working Group, USF
- 2016 – 2017 Harvard University Postdoctoral Association, Advocacy Committee Co-Chair
- 2008 Diversity Advocacy Committee, Graduate Student Council, Stanford University
- 2007 Board of Trustees, Development Committee, Stanford University, Graduate Student Representative

TO THE COLLEGE

- 2021 – 2023 Diversity in STEM Committee, College of Arts and Sciences, USF
 - Produced a survey that was given to faculty in Arts and Sciences about the success of efforts to increase diversity in STEM
 - Working to develop a series of 4, 1-unit courses that will be aimed at increasing diversity in STEM via supporting underrepresented groups
- 2022 Webtrack Advising for incoming students to the Biology major, USF
- 2021 Webtrack Advising for incoming students to the Biology major, USF
- 2021 Commencement Ceremony Name Reader, USF
- 2020 Interview for the USF Foghorn on transitioning classes to zoom
- 2018 Eco Restoration Club Committee Member, USF

TO THE DEPARTMENT

- 2023 Seminar Committee, Biology Department, USF
- Decided on learning goals and format the seminar course that all seniors take
- 2023 Aided Biology Department Assessment Committee, USF
- Provided course materials from Plant Biology course
 - Helped the committee assess the Biology Department's success in meeting Program Learning Outcome #3: "Use laboratory, field, and analytical techniques to address complex questions in the life sciences."
- 2022 Search Committee for full-time faculty member, Biology Department, USF
- 2022 Galapagos Field Course – supporting faculty member, Biology Department, USF
- 2022 – Current Awards Committee Chair, Biology Department, USF
- 2022 Gerardo Marin Postdoctoral Fellowship Search Committee
- 2021 – Current Diversity in STEM Committee, Biology Department, USF
- 2021 – Current Honors Thesis Committee, Biology Department, USF
- 2020 – Current Graduate Committee, Biology Department, USF
- 2019 Search Committee for full-time faculty member, Biology Department, USF
- 2018 – 2022 Awards Committee Member, Biology Department, USF
- 2018 Destination USF, Biology Department Representative, USF
- 2018 Minute Taker for Biology Department Meetings, USF
- 2018 Molecular Cell Biologist Search Committee, Biology Department, USF

TO STUDENTS

- 2018 – Current Primary academic advisor to 20-40 undergraduate students each term
- 2018 – Current Provided 71 letters of recommendation on behalf of students applying for professional positions and graduate school

TO THE PROFESSION

- 2006 – Current Reviewer for the following journals: Acta Oecologica, American Journal of Botany, American Naturalist, Annals of Botany, Apidologie, Arthropod-plant interactions, Behavioral Ecology, Biological Journal of the Linnaean Society, Biology Letters, Conservation Genetics, Chinese Journal of Oceanology and Limnology, Ecology, Environmental Entomology, European Journal of Entomology Functional Ecology, Evolutionary Ecology, Evolution, Frontiers Plant Science, Journal of Applied Entomology, Journal of Heredity, Methods in Ecology and Evolution, Molecular Ecology, Peer J, Plant Ecology, the National Science Foundation
- 2023 National Science Foundation Grant Review Panel (May 2023)
- 2022 National Science Foundation Grant Review Panel (May 2022)
- 2022 National Science Foundation Grant Review Panel (January 2022)
- 2021 National Science Foundation External Reviewer (October 2021)
- 2021 National Science Foundation Grant Review Panel (February 2021)
- 2019 Hosted the Pacific Coast Entomological Society meeting at USF
- 2019 Note taker for the Pacific Coast Entomological Society
- 2019 Society for the Study of Evolution, Faculty Mentor at the Annual Meeting in 2019
- 2018 Southwestern Chapter Volunteer, Annual Meeting of the Ecological Society of America, New Orleans LA
- 2018 – Current Providing 10-20 recommendation letters yearly for students for scholarships, graduate school admissions, and professional opportunities

COMMUNITY ENGAGEMENT, OUTREACH, & MEDIA COVERAGE

2022 & 2023	Collected data on plant and pollinator abundances in restored and unrestored sites within San Francisco for the San Francisco based non-profit "With Honey in the Heart"
2022	Interview for documentary film on plant-pollinator interactions, San Francisco State University Film Program
2019	Live on KCBS radio in San Francisco to discuss pollination
2019	Commented on an article (Bartomeus et al 2019) for the <i>New Scientist</i>
2019	Volunteered at the Bee Audacious Conference, Marin County, CA
2018	Pollinator Partnership Roundtable Participant, San Francisco CA
2018	Geek of the Week Community Outreach Interview, USF

PROFESSIONAL DEVELOPMENT

2022	Antiracism, Diversity, Equity, and Inclusion Training, USF
2022	Website Training, USF
2021	Women's Mentoring Program, USF
2021	ETS Grant Writing Workshop, USF
2020	Remote Instruction Workshop, USF
2020	ETS continuity of instruction online workshop
2019 – 2020	Community Engaged Learning Fellowship, USF
2018	Tenure and Promotion Workshop Participant, USF
2018	ACP Workshop Participant, USF
2018	Faculty Development Fund Workshop Participant, USF
2017	Spanish Language Immersion Course, Amigos del Sol, Oaxaca, Mexico
2017	Teaching Evolution to Undergraduates Workshop Participant, Society for the Study of Evolution Annual Meeting, Portland, OR
2017	Book Club Participant, Center for Teaching Excellence, USF
2010	The Bee Course: American Museum of Natural History, The Southwestern Research Station, Portal AZ
2009	Recent Advances In Conservation Genetics course: National Cancer Institute, Smithsonian Research Station, Panama
2006	Conservation genetics data analysis course: Center for Investigation of Biodiversity and Genetic Resources, Porto Portugal