Apply now for the Resilient Interdisciplinary Social-Ecological (RISE) Undergraduate Research Fellowship

-Applications Due by 6:00pm, Friday June 2nd, 2023 (NOTE: we will accept applications after this deadline for 2 weeks, but priority will be given to applicants that apply by June 2nd)

UCSB Undergraduate Students! Apply ASAP for a paid summer Research Fellowship studying people and oceans!

About the program: RISE is an 8-week summer research program meant to support, train, mentor, and retain undergraduate students who are underrepresented in marine science research, and to benefit the field of marine science with their voices. RISE Undergraduate Fellows will be paired with graduate student mentors and work closely on a specific research project with these graduate students throughout the summer. All RISE research projects are interdisciplinary and study how people interact with the ocean, with detailed descriptions of each project below. There are 4 RISE Undergraduate Fellowships available for summer 2023.

This is a full-time, hourly paid position. Pay is $23/hour and students are expected to work 35 hours/week for 8 weeks, including research activities, meetings with mentors, and weekly professional development. With full hours worked, RISE Undergraduate Fellows should expect to make $6500 through the program.

Dates: July 10 – Sept 15, 2023
(*dates vary by research project but will last 8 weeks within this period*)

Pay: $23/hour, 35 hours per week for 8 weeks; up to $6500.00 for full hours worked

Location: Santa Barbara, CA (primarily UCSB campus; two research projects involve work in Goleta elementary and middle schools)

Number of Undergraduate Fellows: 4

Activities: The RISE Undergraduate Fellow will perform research on one of four projects mentored by a paired RISE Graduate Fellow. RISE Undergraduate Fellows will be provided with all necessary training to complete research projects. Activities depend on the project and may include the following: searching and synthesizing academic literature, interviews, participatory mapping, social-science surveys, modeling, community-based outreach, qualitative and quantitative analysis, and other activities as needed by the project managers or PIs.

As a condition of the internship fellowship, both the undergraduate and graduate student will be required to participate in regular meetings throughout the duration of the summer internship. These meetings will be typically weekly, and will be hosted and lead by UCSB staff/faculty.

Eligibility

-Must have UCSB student status through summer 2023 (at least through Sept 15).

-Must come from an underrepresented, low income, or first generation to college background (e.g., Promise Scholars, EOP, etc)

-Must have an interest in participating in research and willingness to dive deeply into a single topic for the summer, though no research experience is necessary

-Undergraduate student in good standing at UC Santa Barbara in the following fields or related: Sociology; Economics; Political Science; Environmental Studies; Biology/Biological Sciences; Geography; Anthropology; Statistics; International/Global Studies; or related field with relevance to marine social-ecological systems.

-Must be eligible to work in the United States through I-9 Verification.
DACA applicants welcome and encouraged to apply, but must have EID card for I-9 Verification. We unfortunately cannot accept undocumented students without EID cards for summer 2023. We are hoping to resolve this administratively by summer 2024 so that we can offer RISE Fellowships to all undergraduate students interested in research on people and oceans.

If in doubt, apply! The application form is short.

If you have questions about your eligibility, please reach out to Anastasia Quintana (anastasiaquintana@ucsb.edu).

How to apply: Fill out this Google Form (link: https://forms.gle/BdvbBq7WSg7WhD6b9). For questions or problems, email elwell@ucsb.edu and cc anastasiaquintana@ucsb.edu.

Selection criteria:

- **Interest in social-environmental science research** — Students must demonstrate excellence and high potential for sustained achievement as an environmental researcher and leader
- **Benefit from and interest in the program** — Students must articulate how the program will advance their career/professional goals and demonstrate their commitment to program activities
- **Enhance diversity in the environmental sciences** — A top priority for the University and the Bren School, candidates will be selected based on their ability to enhance diversity and innovation in the environmental and social sciences

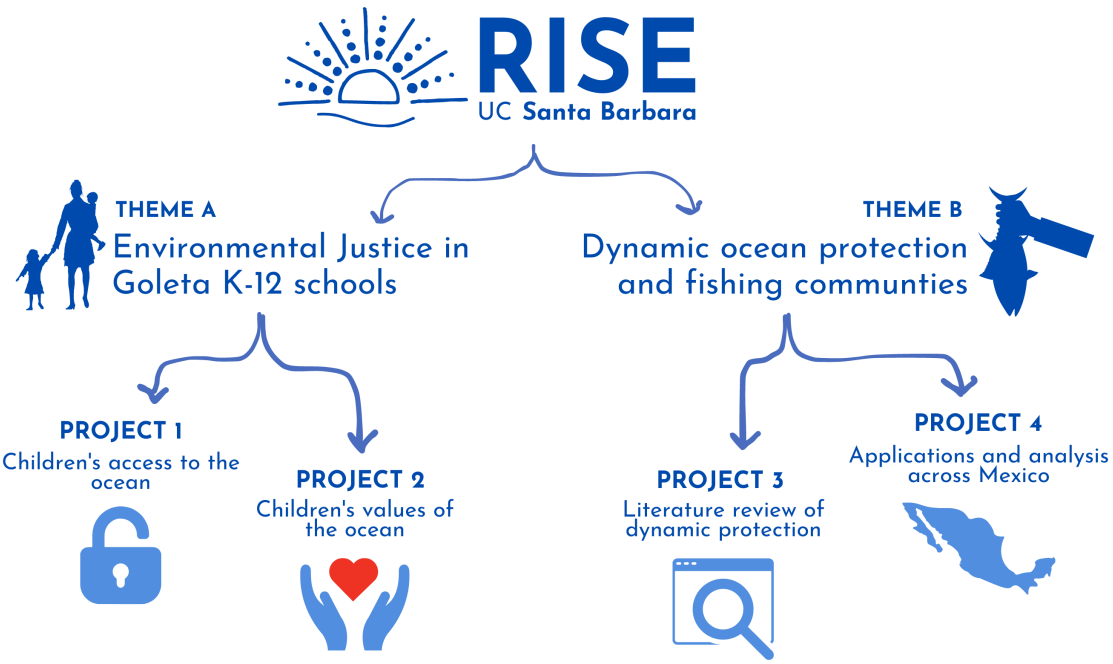
Description of research projects: There are four research projects available for Summer 2023 from two ongoing research themes being studied at UCSB's Marine Science Institute. Each project will be conducted by one RISE Undergraduate Fellow paired with one RISE Graduate Fellow. Note, you do not need experience with these research methods to participate. You will be trained during the fellowship. An infographic showing the organization of the four projects is below.

Theme A: Environmental justice in Goleta K-12 schools

- Project 1: Youth access to the ocean (July 10-Sept 1)
  Activities: Participatory mapping with youth, social-science surveys, community-based work, quantitative and qualitative data analysis; surveys and interviews conducted in Goleta elementary and middle schools; fluency in Spanish is a plus
- Project 2: Youth values of the ocean (July 10-Sept 1)
  Activities: Participatory mapping with youth, social-science surveys, community-based work, quantitative and qualitative data analysis; surveys and interviews conducted in Goleta elementary and middle schools; fluency in Spanish is a plus

Theme B: Dynamic ocean protection and fishing communities

- Project 3: Literature review of dynamic protection (July 10-Sept 1)
  Activities: Systematic literature review of global research on temporary and dynamic fisheries closures and temporary marine protected areas; activities include reading scientific article abstracts; coding scientific literature; categorizing and extracting key variables and themes; quantitative and qualitative analysis; synthesizing findings; writing
- Project 4: Applications and analysis across Mexico (July 24-Sept 15)
  Activities: conducted in partnership with Mexican nonprofit organization, Comunidad y Biodiversidad; obtaining ecological and social data that they have collected over 10+ years; data exploration; data visualization; qualitative and quantitative data analysis; fluency in Spanish is required



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Description of the RISE program (https://msi.ucsb.edu/diversity-equity-and-inclusion/rise)

The Resilient Interdisciplinary Social-Ecological (RISE) Fellowship is a competitively paid summer research fellowship for high-achieving undergraduates at UCSB from underrepresented backgrounds in the marine sciences to conduct social-ecological research under the mentorship of a Graduate student RISE Fellow.

This incubator program is targeted at supporting and fostering diversity and inclusion in marine science. The goal is to provide fellows with professional development training, one-on-one networking opportunities with top experts in the field, and transformative hands-on research experience.

Further mentoring will be provided by a mentor web including administrators with deep experience in programmatic activities for underrepresented groups; experts from diverse fields involved in the four research projects; and the research leads (Dr. Elwell and Dr. Quintana).

In the short term, this project will foster research skills of undergraduate students and provide training to graduate students in inclusive mentoring. In the medium term, the research that the RISE fellows conduct will contribute to building theory on sustainable fisheries and coastal resilience, which is essential for building long-term solutions for healthy California coasts and coastal communities. In the long term, the research skills that RISE fellows build will set them up to be leaders in social-ecological marine research, which has the potential to contribute diverse and new voices that will generate innovative and transformative solutions to marine environmental problems in California.