

Esra Mescioglu

Department of Earth and Planetary Sciences
University of California Santa Cruz
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EDUCATION

In Progress Ph.D. Earth and Planetary Sciences, University of California, Santa Cruz (UCSC)
2015 B.S. School for the Environment, University of Massachusetts, Boston (UMB)
2010 Boston Latin School

RESEARCH EXPERIENCE

2015-Present Graduate Student Researcher, Paytan Lab, UCSC
2018 Graduate Student Intern, United States Geological Survey, St. Petersburg, Florida
2017 Researcher, NSF International Research Experience for Students, Israel
2013-2015 Research Assistant (REU), Giribet Lab, Museum of Natural History, Harvard University
2013 Research Assistant (REU), Bermuda Institute of Ocean Sciences
2012-2013 Research Assistant, Chen Lab, School for the Environment, UMB

PROFESSIONAL DEVELOPMENT PROGRAMS AND WORKSHOPS

2017 Design Team Leader, PDP, Institute for Scientist and Engineer Educators, UCSC
2016 Participant, PDP, Institute for Scientist and Engineer Educators, UCSC
2016 EarthCube Oceanography and Geobiology Environmental 'Omics Workshop, UH Manoa
2016 Expanding Potential Diversity Workshop, UC Berkeley, California
2015 ASLO Multicultural Program

PUBLICATIONS, PRESENTATIONS, AND POSTERS

2017 Paytan, A., Halversen, C., Weiss, E., Pedemonte, S., Mescioglu, E. *Climate Change Education for Adaptation and Resilience*. Goldschmidt 2017 Meeting. Paris, France.
2017 Paytan, A., Halversen, C., Weiss, E., Pedemonte, S., Mescioglu, E. *Education for Climate Change Adaptation and Resilience*. (August 2017) Limnology and Oceanography Bulletin.
2017 **Mescioglu, E.**, Rahav, E., Eizenga, J. M., Herut, B., Vichik, A., Paytan, A. *Diversity of airborne fungi in the air masses over the Mediterranean Sea*. Goldschmidt 2017 Meeting. Paris, France.
2017 Paytan, A., Weiss, E., Pedemonte, S., **Mescioglu, E.** *Climate Change and the Ocean Education Workshop*. University of São Paulo, Brazil.

- 2016 Jimenez, G., **Mescioglu, E.**, Paytan, A. *Optimizing Fungal DNA Extraction Methods from Aerosol Filters*. American Geophysical Union (AGU) Annual Meeting. San Francisco, CA
- 2016 **Mescioglu, E.**, Bitterwolf, K., Paytan, A. *Community College Research Internship for Scientific Engagement (CC-RISE) at the University of California in Santa Cruz (UCSC)*. Center for Dark Energy Biospheres Investigations (C-DEBI) Annual Meeting. Marina, CA
- 2016 Halversen, C., Paytan, A., Pedemonte, S., **Mescioglu, E.** *Learning & Teaching Ocean Sciences*. Foundation Lead Teachers Workshop. Cape Town, South Africa.
- 2015 **Mescioglu, E.**, McDonald, N., Parsons, R.J. *Effects of Microbial Activity on the Production and Degradation of Organic Matter in the Sargasso Sea*. Association for Sciences of Limnology and Oceanography. Granada, Spain.

HONORS, GRANTS, AND AWARDS

Grants, scholarships and awards totaling over \$250,000 to support education, training, and research

- 2017 Edmond M. Dewan Young Scientist Scholarship
- 2017 Research Grant, Dr. Earl H. & Ethel M. Myers Oceanographic & Marine Biology Trust
- 2017 Outstanding Mention, Graduate Student Research Grant, Geological Society of America
- 2017 Research Exchange Grant, Center for Dark Energy and Deep Biosphere Investigations
- 2016, 2017 Tuition Fee Waiver and Travel Grant, Institute of Scientist and Engineer Educators, UCSC
- 2016, 2017 Graduate Student Association Travel Grant, UCSC
- 2016 Travel Grant, Center for Microbial Oceanography Research and Exploration, UH Manoa
- 2016 Friends of Long Marine Lab Student Research Award, UCSC
- 2015 Chancellor's Fellowship, University of California, Santa Cruz
- 2015 Graduate Research Fellowship, National Science Foundation
- 2015 Bermuda Institute of Sciences REU Representative, ASLO 2015
- 2015 Private Research Award
- 2014 Sigma Gamma Epsilon National Honors Society for Earth Sciences
- 2013, 2014 Gillette Corporation Merit Scholarship
- 2012 - 2014 Academic Recognition Award
- 2012, 2013 Samuel Brehm Merit Scholarship
- 2010 - 2015 Dean's List at University of Massachusetts Boston
- 2010 - 2015 John and Abigail Adams Scholarship
- 2010 Platinum Torch National Service Honorary Award

SERVICE & OUTREACH

- 2017 Student Assistant, Climate Change and Ocean Education Workshops, Brazil
- 2017 Website Manager, Paytan Laboratory, UCSC
- 2016-2017 Website Manager, Education for Climate Change Adaptation and Resilience Program
- 2016 Instructor, Akamai Workforce Initiative Prep Course, Hilo, Hawaii
- 2016 Mentor, Community College Research Internship for Scientific Engagement, UCSC
- 2016 Co-coordinator, Comm. College Research Internship for Scientific Engagement, UCSC
- 2016 Student Assistant, Climate Change Education Workshops, South Africa

2016 Department Representative (Winter Quarter), Graduate Student Association, UCSC
2015 Volunteer, Expanding Your Horizon, Monterey, California
2015 Volunteer, Kidsrageous, Jacob's Heart Children's Cancer Support Services, Monterey
2014, 2015 Event Coordinator, Strong Women Strong Girls, UMass Boston Chapter
2013 Public Educator and Research Assistant, Bermuda Aquarium
2012, 2013 Undergraduate Grader, University of Massachusetts Boston
2007-2012 Mentor and Student Assistant, Boston Latin School Library