

Elisa Romanelli

Interdepartmental Graduate Program in Marine Science
University of California, Santa Barbara
elisa.romanelli@lifesci.ucsb.edu
+1 (805) 724-9563

PUBLICATIONS Wolf KKE, Romanelli E, Rost B, et al. Company matters: The presence of other genotypes alters traits and intraspecific selection in an Arctic diatom under climate change. *Glob Change Biol.* 2019;00:1–16. <https://doi.org/10.1111/gcb.14675>

RESEARCH EXPERIENCE *Visiting Graduate Research Student* Aug 2019 - Sept 2019
Ocean Sciences Center, Memorial University of Newfoundland, Canada

Assessment of Sinking Particle Size Spectra from Marine Snow Catcher Deployments during the first NASA-led EXPORTS field campaign in the NE Pacific. Advisors: Prof. Uta Passow and Dr. Sari Giering

Graduate student researcher Nov 2017 - Jan 2017
MedClimaLizers Group, S. Teresa Marine Environment Research Centre, Italy

Investigated the effect of ocean acidification on the biogenic structures of the coralline algae *Ellisolandia elongata*. Advisor: Dr. Chiara Lombardi

Intern Mar 2017 - Jun 2017
Phytochange Group, Alfred Wegener Institute, Germany

Investigated the response of single Arctic phytoplankton strains to a matrix of different environmental drivers. Advisor: Dr. Bjoern Rost

Laboratory Assistant I 10 Jul 2016 - 22 Jul 2016
Passow Lab, Marine Science Institute, UC Santa Barbara, California

Assisted in mesocosm experiments to investigate marine snow formation under the presence of oil and oil dispersants during a two week experiment organized by the ADDOMEx Research Consortium at Texas A&M University at Galveston.

Graduate student researcher Dec 2015 - Sep 2016
Passow Lab, Marine Science Institute, UC Santa Barbara, California

Investigated the interactive effects of light and temperature changes on the growth rate of a marine diatom. Advisor: Dr. Uta Passow

Intern May 2015 - Jul 2015
Hellenic Centre for Marine Research, Greece

Analysed eddy fields in the Ionian Sea using MFS forecast products.

Undergraduate student researcher Sep 2014 - Mar 2015
SiNCEM Laboratory, University of Bologna, Italy

Dissertation: “Vortex dynamics in the Mediterranean Sea: the Ionian Sea case”.
Advisor: Prof. Nadia Pinardi

EDUCATION *Ph.D. in Marine Science* Sep 2018 - present
UC Santa Barbara, California
Advisors: Prof. David Siegel and Prof. Uta Passow

M.Sc. in Marine Biology (109/110) Sep 2015 - Mar 2018
University of Bologna, Italy

B.Sc. in Environmental Science (110/110 cum laude) Sep 2011 - Mar 2015
University of Bologna, Italy

AWARDS *ERI Summer Fellowship, 2019*
IGPMS Summer Fellowship, 2019
UCSB International Doctoral Recruitment Fellowship, 2018
UCSB Block Grant Fellowship, 2018
Zegna Founder's Scholarship, 2018
Fulbright Graduate Study Scholarship, 2018
Erasmus Scholarship at the Alfred Wegener Institute, 2017
University of Bologna's Overseas Scholarship at UC Santa Barbara, 2015
Erasmus Scholarship at the Hellenic Centre for Marine Research, 2015

SEA EXPERIENCE R/V Sally Ride: Cruise SR1919, Santa Barbara Channel (12/2019, 7 days). *Microbial activity on sinking particles in low oxygen waters: Links between diversity, abundance, and geochemistry.* Chief Scientist: Dr. Alyson Santoro.

TEACHING EXPERIENCE Coastal pollution (GEOG132), Teaching Assistant (Fall 2019 - UC Santa Barbara). Instructor of record: Dr. Nick Nidzieko.

CONFERENCES *Romanelli E, Passow U, and Siegel DA (2020), Partitioning of biogeochemical properties between non-sinking and sinking particles collected during EXPORTS, presented at Ocean Sciences Meeting 2020, San Diego, CA, 16-21 Dec*

Romanelli E, Passow U, and Siegel DA (2020), Preliminary data from the Marine Snow Catcher, presented at NASA EXPORTS science meeting, Williamsburg, VA, 5-9 May

Fulbright Enrichment Seminar: Harnessing Data for the Public Good (May 2019)

COMMUNITY INVOLVEMENT *GSACC: representative* 2019
Facilitation of community development and interaction at UCSB graduate student residence.

AEGEE-Brescia: active member 2012 - 2015
Collaboration with European public institutions, organization of events and workshops on European integration, active citizenship and environmental awareness.

RavennaStudenti: secretary 2013 - 2014
Organization of events to promote cultural exchange among students living in Ravenna.

CERTIFICATES *IELTS: International English Language Testing System: Overall score: 7.5/9*
Open Water Diver: Scuba Schools International, 718013U4373933929933-GR

HOBBIES Travelling, hiking, climbing, surfing, reading, photography, art and culture