

Pauline Blaimont, PhD

Curriculum Vitae

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Education

<i>University of California, Santa Cruz (UCSC)</i> (Grad. 2019) PhD in Ecology and Evolutionary Biology	GPA: Cr/NC	Santa Cruz, CA
<i>California State University, Long Beach (CSULB)</i> (Grad. 2013) BS in Biology with an option in Zoology - Cum Laude Honors	GPA: 3.55	Long Beach, CA
<i>Oxford Academy</i> (Grad. 2009) High School	GPA: 3.75	Cypress, CA

Teaching

Lecturer

Rider University (Present)

Introductory Biology (Bio 115 lecture & lab)

UCSC (Summer 2019)

Behavioral Ecology (BioE 140)

Teaching Assistantships

UCSC-

Intro to Ecology and Evolution with Dr. Baldo Marinovic (Winter 2014, Summer 2014, Winter 2016, Spring 2016)

Behavioral Ecology with Dr. Barry Sinervo (Fall 2015)

Evolution with Dr. Grant Pogson (Winter 2015)

Behavioral Ecology with Dr. Ammon Corl (Fall 2014)

Held discussion sections, wrote quizzes, reviewed difficult material, discussed scientific papers and a variety of other duties.

Bio 495 Student/Teaching assistant, Evolution (Bio 312) with Dr. Ashley Carter at CSULB (Spring 2013)

Wrote exam questions, graded exams and assignments and gave my own guest lecture on reptile evolution as an undergraduate teaching assistant while earning college credits.

Supplemental Instruction Leader for Bio 213 at CSULB (3 semesters; Fall 2011 - Fall 2012)

Facilitated and planned my own small class based on a historically difficult lecture course to help students review the material and teach study skills.

Research

Dissertation Research, Dr. Barry Sinervo's lab at UCSC (2013-2019)

Dissertation title "Climate change and a little brown lizard: impacts of climate on maternal thermoregulation, offspring phenotype and host-parasite interactions in the European common lizard (*Zootoca vivipara*)"

Undergraduate research assistant, Dr. Ashley Carter's lab at CSULB (2010 - 2013)

Independent project title "Evidence for epigenetic factors involved in habitat choice in *Drosophila melanogaster*"

Fellowships

GAANN Fellowship Recipient (2016-2019)

The Graduate Assistance in Areas of National Need (GAANN) program provides fellowships, through academic departments and programs of IHEs, to assist graduate students with excellent records who demonstrate financial need and plan to pursue the highest degree available in area of study at the institution in a field designated as an area of national need.

Chateaubriand Fellowship Recipient (2016-2017)

This program provides funding for American PhD students to accomplish part of their research in France while building collaborations between French and US institutions.

UCSC Regent's Fellowship (2013-2014, 2015 Spring Quarter)

This fellowship is for first-year graduate students in graduate programs at UCSC

Earle C. Anthony Fellowship (Spring 2016 Quarter)

The prestigious Earle C. Anthony Fellowship is intended to help recruit Ph.D. students

Fletcher Jones Fellowship (2014 Spring Quarter, 2015 Spring Quarter, 2016 Spring Quarter)

The Fletcher Jones Fellowship is a highly prestigious award funded by the Fletcher Jones Foundation and given to doctoral students that demonstrate financial need.

Research Initiative for Scientific Enhancement Fellow (RISE) (2012-2013)

RISE is a program designed to help underprivileged minorities get into PhD programs by supporting undergraduate research through stipends and paying for travel to conferences while providing educational support with GRE and graduate school application prep.

Certifications and Awards

Gold Slug Service Award, UCSC (May 2019)

The Slug Service Award recognizes students, staff, and faculty that have provided exemplary community service during their time at UCSC, this award was for my work with the Women in Science and Engineering organization at UCSC

Sustainability Certificate Program, UCSC (May 2019)

A professional development opportunity to examine sustainability through multiple lenses and consider ways it intersects with research and teaching.

Graduate Student Professional Communication Certificate Program, UCSC Grad Division (Dec. 2018)

A Professional Communication Certificate Program, consisting of a sequence of workshops on how to communicate effectively in one's academic discipline and profession, use technology tools to enhance communication, improve job prospects, and build a professional network.

Inclusive Teaching and Universal Design for Learning Certificate Program, UCSC CITL (Center for Innovations in Teaching and Learning) (June 2018)

This certificate was earned through participation in a course where we learned how to better accommodate the variety of students in our classroom through novel teaching practices.

Diversity, Equity & Inclusion Certificate Program, UCSC Office of Diversity, Equity and Inclusion (ODEI) (May 2018)

This program for graduate students, faculty and staff offered an in-depth examination of diversity and differences to understand how and why we should work together to build a stronger and more inclusive community.

Teaching with Technology Certificate Program, UCSC CITL (Center for Innovations in Teaching and Learning) (March 2018)

This certificate was earned through participation in a course where with the guidance of the university's Instructional Designer we developed, implemented, and evaluated a technology-enhanced assignment or activity for students.

Graduate Student Leadership Certificate Program, UCSC Graduate Division (Dec. 2017)

This program introduced a range of leadership theory, practical skills, and special topics relevant for application in both academic and professional contexts.

NOLS Wilderness First Aid and Epinephrine Auto-injector Certification (October 2016)

Certificate in Inclusive Inquiry STEM Education, Institute for Scientist & Engineer Educators (UCSC ISEE) (May 2016)

A professional development program aimed at improving how science and engineering graduate students teach with an inquiry-based approach to teaching. This year-long program culminated with my group designing and teaching an active learning class titled "Naturally, I Choose You!" at UC Santa Cruz

Publications

Dupoué, Andréaz; Rutschmann, Alexis; Le Galliard, Jean-François; Clobert, Jean; **Blaimont, Pauline**; Sinervo, Barry; Miles, Donald; Haussy, Claudy; Meylan, Sandrine. (2018) Reduction of baseline corticosterone secretion correlates with climate warming and drying across wild lizard populations. *Journal of Animal Ecology*, 87(5), 1331-1341

Megía-Palma, Rodrigo; Paranjpe, Dhanashree; Reguera, Senda; Martínez, Javier; Cooper, Robert D; **Blaimont, Pauline**; Merino, Santiago; Sinervo, Barry. (2018) Multiple color patches and parasites in *Sceloporus occidentalis*: Differential relationships by sex and infection. *Current Zoology*, 0(0), 1-9

Lunghi, Enrico; Guillaume, Olivier; **Blaimont, Pauline**; Manenti, Raoul (2018) The first ecological study on the oldest allochthonous population of European cave salamanders *Hydromantes* sp.” *Amphibia-Reptilia*, 39(1), 113-119

Lunghi, Enrico; Monti, Alessandro; Binda, Arturo; Piazzini, Ionno; Salvador, Maurizio; Cogoni, Roberto; Andrea Riefolo, Luigi; Biancardi, Carlo; Mezzadri, Sergio; Avitabile, Domenico; Francesco Ficitola, Gentile; Mulargia, Manuela; Manca, Salvatore; **Blaimont, Pauline**; Rita Di Cerbo, Anna; Manenti, Raoul. (2017) Cases of albinism and leucism in amphibians in Italy: new reports. *Natural History Sciences* 4(1), 73-80.

Presentations

UCSC Grad Slam “3-Minute Thesis Challenge” Finalist (March 2019) – Oral Presentation
“If Lizards Could Sing...”

Seminar for Bio 420 at University of Tampa (March 2019)– Oral Presentation
“Behavioral plasticity and thermal acclimation potential across populations of common lizards (*Zootoca vivipara*) in response to climate change”

Society for Integrative and Comparative Biology (January 2019) Oral presentation
“Effects of basking opportunity on gestation and offspring phenotype of the common lizard (*Zootoca vivipara*)”

Esalen Institute Workshop Leader (September 2018) Oral Presentation
Conversations on the Edge: Science, Technology and Critical Self-Reflection in a Changing World

UCSC EEB Grad Research Symposium (2017) Oral Presentation
“Investigating the effects of climate change on basking behavior and gestation time in the Eurasian common lizard *Zootoca vivipara*”

UCSC EEB Grad Research Symposium (2016) Oral Presentation
“An experimental study of the adaptive potential of common lizards (*Zootoca vivipara*) in France”

Annual Biomedical Research Conference for Minority Students (ABRCMS) (2012)- Poster presentation
“Evidence for epigenetic factors involved in habitat choice in *Drosophila melanogaster*”

Western Society of Naturalists (WSN) (2012) Poster presentation
“Evidence for epigenetic factors involved in habitat choice in *Drosophila melanogaster*”

Outreach

Society for the Study of Evolution Small Grants Program for Local and Regional Outreach Promoting the Understanding of Evolutionary Biology Grant Recipient (2019) \$1,000
Received a grant in the amount of \$1,000 to create outreach kits to teach evolution via a hands-on bird beak evolution activity.

Skype A Scientist Participant (2019)

Outreach organization that matches scientists of all types with classrooms around the world

Women in Science and Engineering (WISE) President (2016-2018)

Organized events, met with officers and acted as a liaison between our group, the university and the local community. We organize approximately five to seven outreach events per month, including professional development for students on campus, public talks by researchers to the local community and K-12 STEM outreach with hands-on activities to local and underprivileged county schools.

Science Impacting Society Co-founder (2018)

This program was created to bring middle school students to UCSC and have them explore the different STEM fields during monthly Saturday events through lab tours, hands-on activities and presentations from scientists in the field.

Deep Look Episode (KQED) "These Lizards Have Been Playing Rock-Paper-Scissors for 15 Million Years" (2016)

Lizard handler and organizer for filming

Women in Science and Engineering (WISE) Outreach Officer (2014-2016)

As an outreach officer with WISE I helped design science and engineering-based workshops and activities to be done with children at local, often poorly funded K-12 schools. These activities are designed to get children excited about science and make it accessible to them as well as ensuring they see female role models in science and engineering fields.

Design Consultant, EarthWEST transfer workshop (2014)

I assisted in designing projects that called for inquiry-based learning for transfer students in the sciences

Professional Affiliations

Society for the Study of Evolution (2018-Present)

Society for Integrative and Comparative Biology (2017-Present)

Peer Reviewer

I was a peer reviewer for the following journals:

Oecologia

Movement Ecology

Scientific Reports

Miscellaneous

Languages: English first language, Spanish and French (conversational)

Skills: Microsoft Office, R-programming, JMP-SAS 14, WiX website design, Canvas, Blackboard, TopHat