

EDUCATION

2016-present PhD candidate, University of California, Riverside

- Department of Entomology
- Research focus: Systematics of Mymaridae (Hymenoptera: Chalcidoidea)
- PI: Dr. John Heraty

2016 BSc, University of California, Riverside

- Major: Biology GPA: 3.6
- Minor: Entomology GPA: 3.9

2013 AS, Chaffey Community College, Rancho Cucamonga, CA

- Associate in Science
- Major: Biology GPA: 3.7
- Honors

2006 Pasadena City College, Pasadena, California

- Certification: Emergency Medical Technician

SPECIAL COURSES

2017 Next Generation Sequencing Data Analysis Workshop, UCR

2015 Next Generation Molecular Phylogenetics Workshop, University of Utah

- 10 day workshop on DNA extraction, genomic library preparation, enrichment for Ultra-Conserved Elements (UCEs), data formatting, and analysis techniques

2013 Rocky Mountain Biological Laboratory, Gothic, Colorado

- Methods in Advanced Field Ecology
- Emphasis: Ant ecology and behavior

PROFESSIONAL EXPERIENCE

2018-2021 Graduate Teaching Assistant, UCR

- General Entomology (ENT 100)
- Field Entomology (ENT 109)
- Insect Biodiversity (ENT 107)

2015-2016 Dr. Christiane Weirauch Lab, Dept. of Entomology, UCR

Position: Lab assistant

- Specimen databasing for the Advancing Digitization of Biodiversity Collections (ADBC) Tri-Trophic Thematic Collections Network Project.

2014-2016 Dr. John M. Heraty Lab, Dept. of Entomology, UCR

Position: Lab/Research Assistant

2013-2014 Nigel Hughes Paleontology Lab, Dept of Geology, UCR

Position: Lab/Research Assistant

2013-2014 Zoology Lab, Chaffey Community College

Position: Museum Curator

2011-2014 Chaffey Community College, Rancho Cucamonga, CA

Position: Supplemental Instruction Leader (SI) for Biology and Physiology

2006-2012 Pasadena City College, Pasadena, CA

Position: Emergency Medical Technician Skills Instructor

2006-2011 Arcadia Methodist Hospital Emergency Room

Position: ER Technician

RESEARCH EXPERIENCE

2016 (Summer) Dr. John M. Heraty Lab, Dept. of Entomology, UCR

- Species delimitation within *Orasema* (Eucharitidae: Oraseminae)
- Revision and new species descriptions of *Mictocharis* and *Neostilbula* (Eucharitidae: Eucharitinae).
- Revision and new species description of *Lirata* (Eucharitidae: Eucharitinae)
- Assisted graduate student Judith Herreid with ant mouthpart dissections to determine *Orasema* planidia parasitism rates.
- Conducted field survey of *Orasema* planidia and associated ant hosts activity at extrafloral nectaries in Portal, Arizona.

2015 (Summer) Ant Diversity of the Mesoamerican Corridor (ADMAC) project under Dr. Jack Longino, Dr. Michael Branstetter (U of Utah), and Dr. Phil Ward (UC Davis).

- Participated as a field assistant in Costa Rica from June to end of July conducting a vigorous ant fauna survey throughout the cloud forests of the Talamanca Mountains. Collection techniques emphasized transect based leaf litter sifting, bait trapping, vegetation beating, and Winkler funnels.

2014 (Summer) NSF Research Experience for Undergraduates: Heraty Lab UCR

2013 (Summer) NSF Research Experience for Undergraduates: Rocky Mountain Biological Laboratory

SYMPOSIA

- Dominguez, C., Heraty, J.M., Fairyfly fantasy: Resolving phylogenetic relationships of Mymaridae (Hymenoptera: Chalcidoidea). Poster presented at: Student Seminar Day, Riverside, CA, September 2018
- Dominguez, C., Heraty, J.M., Fairyfly fairytale: Unraveling the phylogenetics of Mymaridae (Hymenoptera: Chalcidoidea). Oral Presentation. Entomological Society of America Annual Meeting; 2017 Nov 5-8; Denver, CO.
- Dominguez, C., Heacox, S., Heraty, J.M., To be or not to be: the question of defining genera in the Old World Oraseminae (Hymenoptera: Eucharitidae) Oral presentation. Alumni Research Symposium Chaffey Community College; Feb 2016.
- Dominguez, C., Heacox, S., Heraty, J.M., To be or not to be: the question of defining genera in the Old World Oraseminae (Hymenoptera: Eucharitidae) Oral presentation. Entomological Society of America Annual Meeting; 2015 Nov 15-18; Minneapolis, MN

- Dominguez, C., Heacox, S., Heraty, J.M., The Ant-Parasitoid Wasps of Madagascar (Hymenoptera: Oraseminae). Poster presented at Entomological Society of America Annual Meeting; 2014 Nov 15-19; Portland, OR.
- Dominguez, C., Heacox, S., Heraty, J.M., The Ant-Parasitoid Wasps of Madagascar (Hymenoptera: Oraseminae). Poster presented at: Student Seminar Day, Riverside, CA, September 2014

AWARDS AND SCHOLARSHIPS

2019 van den Bosch Scholarship	\$18,750
2019 Dr. Janet M. Boyce Memorial Endowed Fund for Women in Science	\$2,000
2018 Chaffey College Math and Science Honored Alumni Award	\$5,000
2018 CNAS Herbert Kraft Scholarship	\$5,545
2018 Graduate Student Mentorship Program	\$11,400
2017 ESA SysEB Student Research Travel Grant Award	\$1,500
2016 First Place Best Outreach Display UCR's Entomology Dept. Student Seminar Day	\$200
2016-2022 UC Riverside Dean's Distinguished Fellowship	\$187,108
2016 UC Riverside GradEdge/Jumpstart program	\$5,000
2016 First Place Presentation, Alumni Research Symposium Chaffey College	\$500
2014 First Place Winner of the ESA Undergraduate Student Poster Competition for the President's Prize	
• Division: Systematics, Evolution, and Biodiversity	
2014 First Place in UCR's Entomology Dept. Student Seminar Day Undergraduate Poster Competition	
2013 REU Award and 10 Week Program Acceptance at the Rocky Mountain Biological Laboratory.	\$5,000
• Highly competitive award offered to the top 10 applicants in the nation.	
2013 Richard M. Beeks. Award for Outstanding Achievements in Biology, Chaffey Community College	\$500

MENTORING

2017- present Student Alumni STEM Mentorship Program, UCR

- Weekly mentoring to first-year undergraduates pursuing a degree in STEM. Program emphasizes on targeting first-generation college students.

2013-present Annual STEM panelist for prospective transfer students Chaffey Community College.

- Yearly I participate on a panel advising students who are interested in transferring to a university as well as students interested in applying for internships.

2015-2020 Undergraduates- Heraty Lab, UCR

- Catherine Truong- Curatorial methods: databasing, vouchering, georeferencing, and specimen imaging. Various molecular sequencing techniques.
- Camille Domingo- Curatorial methods: insect drying (HMDS), point mounting, vouchering, databasing, georeferencing, and specimen imaging. Various molecular sequencing techniques.
- Sarah McComack- Chaffey College REU student. Molecular and morphological systematics, field collecting.
- Houssam Nasser- Chaffey College REU student. Molecular sequencing.
- Esther Choi- Curatorial methods: insect drying (HMDS), point mounting, vouchering, databasing, georeferencing, and specimen imaging.

2017 Graduate-Heraty Lab, UCR

- Karine Schoeninger (Visiting student-Brazil)- Molecular techniques and phylogenetic analyses.

OUTREACH

2016-present Ongoing STEM outreach with Entomology Graduate Student Association, UCR.

2016 UCR STEM Exploration day

UC Riverside Insect Fair

2015 Odyssey of the Mind at UCR

UCR Discover Day

UCR Highlander Day

UC Riverside Insect Fair

Caryn Elementary School Fall Festival, Alta Loma, CA

DEPARTMENTAL POSITIONS

2019-present Graduate Student Association CNAS Academic Affairs Officer, UCR

2018-2019 Internal Student Affairs Committee Department of Entomology

2016-present Social Media and Merchandise Committee, Entomology Graduate Student Association (EGSA)

2015-2016 President, Botany and Entomology Undergraduate Student Association (BEUSA)

2012-2013 President, Chaffey College Biology Club

PUBLICATIONS

- 1.Triapitsyn, S.V., Dominguez, C., Huber, J.T, Japoshvili, G. Heraty, J.M. 2020. Morphological and molecular separation between *Macrocamptoptera grangeri* Soyka and *M. metotarsa* (Girault) (Hymenoptera: Mymaridae). Journal of Natural History 54, 585-596
2. Triapitsyn, S.V., Andreason, S.A., Power, N., Ganjisaffar, F., Fusu, L., Dominguez, C. and Perring, T.M. 2020 Two new species of *Ooencyrtus* (Hymenoptera, Encyrtidae), egg parasitoids of the bagrada bug *Bagrada hilaris* (Hemiptera, Pentatomidae), with taxonomic notes on *Ooencyrtus telenomicida*. Journal of Hymenoptera Research 76, 57
- 3.Triapitsyn, S.V., Andreason, S.A., Dominguez, C., Perring, T.M.2019 On the origin of *Anagyrus callidus* (Hymenoptera: Encyrtidae), a parasitoid of pink hibiscus mealybug *Maconellicoccus hirsutus* (Hemiptera: Pseudococcidae). Zootaxa 4671,17
- 4.Shates, T. M., Sun, P., Malmstrom, C. M., Dominguez, C., Mauck, K. E. 2019. Addressing research needs in the field of plant virus ecology by defining knowledge gaps and developing wild dicot study systems. Frontiers in Microbiology 9, 3305
- 5.Burks, R.A., Heraty, J.M., Dominguez, C. J. Mottern. 2018. Complex diversity in a mainly tropical group of ant parasitoids: Revision of the *Orasema stramineipes* species group (Hymenoptera: Chalcidoidea: Eucharitidae). Zootaxa 4401,1-107
- 6.Hou, J. B., Hughes, N. C., Yang, J., Lan, T., Zhang, X. G., & Dominguez, C. 2017. Ontogeny of the articulated yiliangelline trilobite *Zhangshania typica* from the lower Cambrian (Series 2, Stage 3) of southern China. Journal of Paleontology 91, 86-99.
- 7.Burks, R.A., Heraty, J.M., Mottern, J., Dominguez, C. and Heacox, S., 2017. Biting the bullet: revisionary notes on the Oraseminae of the Old World (Hymenoptera, Chalcidoidea, Eucharitidae). Journal of Hymenoptera Research 55, 1-139.