

CELIA C. SYMONS

University of California, Irvine
 Department of Ecology and Evolutionary Biology Irvine, CA 92697
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PROFESSIONAL APPOINTMENTS

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- 2019 – Assistant Professor, Ecology and Evolutionary Biology
University of California, Irvine
- 2017-19 UC President's Postdoctoral Fellow
University of California, Santa Cruz

EDUCATION

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- 2012-17 Doctor of Philosophy, Ecology, Behavior, and Evolution
University of California, San Diego
- 2010-12 Master's of Science, Biology
Queen's University, Canada
- 2006-10 Bachelor's of Science, Honors. Major: Biology, Minor: Mathematics
Queen's University, Canada

REFEREED PUBLICATIONS *corresponding author, ^Ppostdoctoral and ^Ggraduate student advisees

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25. Arnott, S.E.^{†*}, Fugère, V.[†], **Symons, C.C.**[†], Melles, S.J.[†], Beisner, B.E., Cañedo-Argüelles, M., Hébert, M.-P.[†], Brentrup, J.A., Downing, A.L., Gray, D.K., Greco, D.A., Hintz, W.D., McClymont, A., Relyea, R.A., Rusak, J.A., Searle, C.L., Astorg, L., Baker, H.K., Ersoy, A., Espinosa, C, Franceschini, J.M., Giorgio, A.T., Göbeler, N., Hassal, E., Huynh, M., Hylander, S., Jonasen, K.L., Kirkwood, A.E., Langenheder, S., Langvall, O., Laudon, H., Lind, L., Lundgren, M., Moffett, E.R.^P, Proia, L., Schuler, M.S., Shurin, J.B., Steiner, C.F., Striebel, M., Thibodeau, S., Urrutia-Cordero, P., Vendrell-Puigmitja, L., Weyhenmeyer, G.A., and Derry, A.M.[†] Broad scale intraspecific variation in freshwater zooplankton salt tolerance. *Accepted at Limnology and Oceanography*. [†]**Authors contributed equally to this work**
24. Baker, H.K.*^{*}, Li, S.S., Samu, S.C., Jones, N.T., **Symons, C.C.**, and Shurin, J.B. 2022. Predation risk and prey naiveté jointly shape trophic cascades in freshwater plankton. *Oikos*. [link](#)
23. Moffett, E.^P, Benavente, J., Kinnison, M., Palkovacs, E.P., **Symons, C.C.**, Simon, K. 2022. The effect of pregnancy on metabolic scaling in the viviparous *Gambusia affinis*. *Accepted at Integrative and Comparative Biology*.
22. Urmy, S.S.^{†*}, Cramer, A.N.^{†*}, Rogers, T.L., Sullivan-Stack, J., Schmidt, M., Stewart, S.D., and **Symons C.C.** 2022. When are bacteria really gazelles? Comparing patchy ecologies with dimensionless numbers. *Ecology Letters*. 25, 1323-1341. [†]**Authors contributed equally to this work.** [link](#)

21. Hébert, M.-P.†, **Symons, C.C.†**, Cañedo-Argüelles†, M., Arnott, S.E., Derry, A.M., Fugère, V., Hintz, W.D., Melles, S.J., Astorg, L., Baker, H.K., Brentrup, J.A., Downing, A.L., Ersoy, A., Espinosa, C., Franceschini, J.M., Giorgio, A.T., Göbeler, N., Gray, D.K., Greco, D.A., Hassal, E., Huynh, M., Hylander, S., Jonassen, K.L., Kirkwood, A.E., Langenheder, S., Langvall, O., Laudon, H., Lind, L., Lundgren, M., McClymont, A., Proia, L., Relyea, R.A., Rusak, J.A., Schuler, M.S., Searle, C.L., Shurin, J.B., Steiner, C.F., Striebel, M., Thibodeau, S., Urrutia-Cordero, P., Vendrell-Puigmitja, L., Weyhenmeyer, G.A., and Beisner, B.E.* 2022. Lake salinization drives consistent losses of zooplankton abundance and diversity across coordinated mesocosm experiments. *Limnology and Oceanography Letters*. †**Authors contributed equally to this work** [link](#)
20. Little, C.J.*, Rizzuto, M.*, Luhning, T.M., Monk, J.D., Nowicki, R.J., Paseka, R.E., Stegen, J.C., **Symons, C.C.**, Taub, F.B., Yen, J.D.L. 2022. Movement with meaning: integrating information into meta-ecology. E08892. *Oikos*. [link](#)
Awarded Oikos' 'Editor's Choice' designation
19. Hintz, W. D. †*, Arnott, S.E. †*, **Symons, C.C.**, Greco, D.A, McClymont, A., Brentrup, J.A., Cañedo-Argüelles, M., Derry, A.M., Downing, A.L., Gray, D.K., Melles, S.J., Relyea, R.A., Rusak, J.A., Searle, C.L., Astorg, L., Baker, H.K., Beisner, B.E., Cottingham, K.L., Ersoy, Z., Espinosa, C., Franceschini, J., Giorgio, A.T., Göbeler, N., Hassal, E., Hébert, M.-P., Huynh, M., Hylander, S., Jonassen, K.L., Kirkwood, A.E., Langenheder, S., Langvall, O., Laudon, H., Lind, L., Lundgren, M., Proia, L., Schuler, M.S., Shurin, J.B., Steiner, C.F., Striebel, M., Thibodeau, S., Urrutia-Cordero, P., Vendrell-Puigmitja, L., and Weyhenmeyer, G.A. Current water quality guidelines across North America and Europe do not protect lakes from salinization. 2022. 119, e2115033119. *Proceedings of the National Academy of Sciences USA*. †**Authors contributed equally to this work**. [link](#)
18. Wood, Z.T*., Lopez, L.K., **Symons, C.C.**, Robinson, R.R., Palkovacs, E.P., Kinnison, M.T. 2022. Causes and consequences of eco-evolutionary trophic cascades in mosquitofish. *The American Naturalist* 199:3. E91-E110 [link](#)
17. Moffett, E.R.^P, Baker, H.K., Bonadonna, C.C.^G, Shurin, J.B., and **Symons, C.C.***. 2021. Cascading effects of freshwater salinization on plankton communities in the Sierra Nevada. *Limnology and Oceanography Letters* [link](#)
16. **Symons, C.C.***, Schulhof, M.A., Cavalheri, H.B., and Shurin, J.B. 2021. Legacy effects of fish but not elevation influence lake ecosystem response to environmental change. *Journal of Animal Ecology* 90: 662-672. [link](#)
15. Jones, N.*, **Symons, C.C.**, Cavalheri, H., Pedroza, A., and Shurin, J.B. 2020. Predators drive community reorganization during experimental range shifts. *Journal of Animal Ecology*. 89: 2378-2388. **Winner of the 2020 Elton Prize, Journal of Animal Ecology's award for the best paper by an Early Career Researcher** [link](#)
14. Rogers, T.L., Munch, S.B., Stewart, S.D., Palkovacs, E.P., Giron-Nava, A., Matsuzaki, S-I.S., and **Symons, C.C.*** 2020. Trophic control changes with season and nutrient loading in lakes. *Ecology Letters*. 23, 1287–1297. [link](#)
13. Schulhof, M.A.*, Allen, A.E., Allen, E.E. Mladenov, N., McCrow, J.P., Jones, N.T., Blanton, J., Cavalheri, H.B., **Symons, C.C.**, and Shurin, J.B. 2020. Sierra Nevada mountain lake

microbial communities are structured by temperature, resources, and geography. *Molecular Ecology*. 29: 2080-2093. [link](#)

12. Lemmen, K.D.*, Butler, O., Koffel, T., Rudman, S. and **Symons, C.C.** 2019. Stoichiometric traits vary widely within species: a meta-analysis of common garden experiments. *Frontiers in Ecology and Evolution* 7. [link](#)
11. Wallen, K.*; Filbee-Dexter, K.; Pittman, J.; Posner, S.; Alexander, S.; Rolulo, C.; Bennett, D.; Clark, E.; Cousins, S.; Dubik, B.; Garcia, M.; Haig, H.; Koebele, E.; Qiu, J.; Richards, R.; **Symons, C.C.** and Zipper, S. 2019. Integrating team science into interdisciplinary graduate education: an exploration of the SESYNC Graduate Pursuit. *Journal of Environmental Studies and Sciences* 9:218–233. [link](#)
10. **Symons, C.C.***, Schulhof, M.A., Cavalheri, H.B., and Shurin, J.B. 2019. Antagonistic effects of temperature and allochthony on fish growth in California mountain lakes. *Oecologia* 189:231-241. [link](#)
9. Cavalheri, H.B.*, **Symons, C.C.**, Schulhof, M.A., Jones, N.T., and Shurin, J.B. 2019. Rapid evolution of thermal plasticity in mountain lake *Daphnia* populations. *Oikos* 128:692–700. [link](#)
8. Filbee-Dexter, K.†*, **Symons, C.C.†**, Jones, K., Haig, H.A., Pittman, J., Alexander, S.M., Burke, M.J. 2018. Quantifying ecological and social drivers of ecological surprise. *Journal of Applied Ecology* 55: 2135-2146. †*Authors contributed equally to this work* [link](#)
7. Filbee-Dexter, K.*, Pittman J., Haig, H.A., Alexander S.M., **Symons C.C.**, and Burke, M.J. 2017. Ecological surprise: concept, synthesis, and social dimensions. *Ecosphere* 8:e02005. [link](#)
6. **Symons, C.C.*** and Shurin, J.B. 2016. Climate constrains lake community and ecosystem responses to introduced predators. *Proceedings of the Royal Society B: Biological Sciences* 283:20160825. *Winner of the Exceptional Promise in Graduate Research Award from the Aquatic Section of the Ecological Society of America.* [link](#)
5. **Symons, C.C.*** and Arnott, S.E. 2014. Timing is everything: priority effects alter post-disturbance invasibility. *Ecology and Evolution* 4: 397-407. [link](#)
4. **Symons, C.C.***, Pedruski, M., Sweetman, J.N. and Arnott S.E. 2014. Spatial, abiotic and biotic determinants of zooplankton community composition in Subarctic tundra ponds in Wapusk National Park, Canada. *Arctic, Antarctic and Alpine Research* 46: 159-190. [link](#)
3. **Symons, C.C.*** and Arnott, S.E. 2013. Regional zooplankton dispersal provides spatial insurance for ecosystem function. *Global Change Biology* 19: 1610–1619. [link](#)
2. **Symons, C.C.***, Arnott, S.E. and Sweetman, J.N. 2012. Grazing rates of crustacean zooplankton communities on intact phytoplankton communities in Canadian Subarctic lakes. *Hydrobiologia* 694: 131-141. [link](#)
1. **Symons, C.C.***, Arnott, S.E. and Sweetman, J.N. 2012. Nutrient limitation of phytoplankton communities in Subarctic lakes and ponds in Wapusk National Park, Canada. *Polar Biology* 35: 481-489. [link](#)

Submitted, major revisions & minor revisions (manuscripts available upon request)

Gerhard, M., Koussoroplis A.-M., Raatz, M., Pansch, C., Fey, S.B., Vajedsamiei, J., Calderó-Pascual, M., Cunillera-Montcusí, D., Juvigny-Khenafou, N.P.D., Polazzo F., Thomas, P.K., **Symons, C.C.**, Beklioglu, M., Berger, S.A., Chefaoui, R.M., Ger, K.A., Langenheder, S., Nejstgaard, J.C., Ptacnik, R., Striebel, M. Environmental variability in aquatic ecosystems: connecting experiments with theory in a multifactorial world. *Minor revisions for Limnology and Oceanography Letters*

Symons, C.C., and Palkovacs, E.P. Evolutionary effects of functional traits versus life history traits on aquatic ecosystems. *In revision.*

Munch, S.B., Rogers, T.L., **Symons, C.C.**, Anderson, D., and Pennekamp, F. Blending nonlinear time series modelling with the metabolic theory of ecology. *In review at PNAS.*

RESEARCH GRANTS (competitive, selected)

| Period Held | Name of Award | Value (\$) |
|--------------------|--|-------------------|
| 2022 | JW Powell Center (working group member) | 182,000 |
| 2021 | Interim Covid-19 Research Recovery Program | 10,000 |
| 2021 | Hellman Fellowship | 50,000 |
| 2020 | Sequoia Science Learning Center Grant | 4,646 |
| 2020 | Microbiome Initiative award | In kind |
| 2018 | Sequoia Science Learning Center Grant (Co-applicant) | 5,000 |
| 2018 | ISEECI Research Grant | 2,460 |
| 2016-2017 | McElroy Award – research funding portion | 1,000 |
| 2016-2017 | Interdisciplinary Collaboratories Award (Co-applicant) | 36,927 |
| 2014-2016 | SESYNC Graduate Pursuit (Co-applicant) | 35,000 |
| 2013-2015 | Valentine Ecological Reserve Graduate Student Grant | 3,700 |
| 2014 | White Mountain Research Grant | 700 |
| 2013 | Jeanne Marie Messier Memorial Fund Grant | 1,180 |
| 2013 | Mildred E. Mathias Graduate Student Research Grant | 2,410 |
| 2009-2011 | Northern Scientific Training Program | 6,815 |
| 2011 | Northern Research Fund Award | 1,000 |

FELLOWSHIPS & AWARDS (competitive, selected)

| Period Held | Name of Award | Value (\$) |
|--------------------|--|-------------------|
| 2021 | UCI ADVANCE Career Development Award | 2,050 |
| 2019-2020 | UCI FORWARD, mentorship funding | 4,000 |
| 2018 | Best poster, postdoctoral symposium, UC Santa Cruz | 100 |
| 2017-2019 | University of California President's Postdoctoral Fellowship | 106,432 |
| 2017 | ESA Aquatic Ecology Section Exceptional Promise in Graduate Research Award | 400 |

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| 2016-2017 | McElroy Award | 1,000 |
| 2016-2017 | Frontiers of Innovation Scholars Program (FISP) | 25,000 |
| 2014-2016 | SESYNC Fellow | 2,000 |
| 2016 | Institute for the Study of Ecological and Evolutionary Climate Impacts Graduate Fellowships | 7,927 |
| 2013-2016 | NSERC Post-Graduate Scholarship –D3 | 63,000 |
| 2012-2013 | Ruth Stern Graduate Fellowship | 2,500 |
| 2012, 2011 | Ontario Graduate Scholarship (Declined) | 30,000 |
| 2011-2012 | NSERC Alexander Graham Bell Canadian Graduate Scholarship - M | 17,500 |
| 2011-2012 | The W. Garfield Weston Award for Northern Research | 15,000 |
| 2010-2011 | Queen’s University Graduate Award | 7,425 |
| 2010-2010 | NSERC Undergraduate Student Research Award | 4,500 |

CONFERENCE PRESENTATIONS *only first author presentations, *invited*

- 2022 ESA Ecological Society of America, Montreal
 2021 ESA Ecological Society of America, online
 2021 ASLO Association for the Sciences of Limnology and Oceanography, online
 2020 ASLO Association for the Sciences of Limnology and Oceanography *cancelled due to COVID*
 2018 *Gordon Conference: Integrating Across Scales, Biddeford, Maine
 2018 ASLO Association for the Sciences of Limnology and Oceanography, Victoria
 2018 Postdoctoral symposium, Santa Cruz
 Best Poster Award
 2017 ESA Ecological Society of America, Portland
 Aquatic Ecology Section Exceptional Promise in Graduate Research Award
 2016 ASLO Association for the Sciences of Limnology and Oceanography, Santa Fe
 2015 WSN Western Society of Naturalists, Sacramento
 2014 *Ecological Society of America, Sacramento
 2012 ASLO Association for the Sciences of Limnology and Oceanography, Portland
 2012 CSEE Canadian Society for Ecology and Evolution, Ottawa
 2012 International Polar Year, Montreal
 2012 SCL Society of Canadian Limnologists, Moncton
 2011 Science for a Changing North II – Sudbury Restoration Workshop, Sudbury
 2011 Churchill Northern Studies Centre, Parks Canada Science Symposium, Winnipeg
 2011 SCL Society of Canadian Limnologists, Toronto
 2010 SCL Society of Canadian Limnologists, Winnipeg

INVITED SEMINARS

- 2018 UC Irvine, Ecology and Evolutionary Biology. *The importance of traits in shaping community responses to changing conditions from Subarctic to alpine lakes.* Irvine, California.
 2017 UC Berkeley, Wildlife, Fisheries, and Conservation Biology Seminar Series.
 Zooplankton dispersal, turnover and adaptation provide ecosystem resilience

to environmental change. Berkeley, California.

- 2014 **Netherlands Institute of Ecology**, Aquatics Group Seminar Series. *Ecological responses to predators and temperature in alpine lakes*. Wageningen, Netherlands.
- 2012 **Queen's University**, Ecology, Evolution and Behavior Seminar Series. *Priority effects reduce the invasibility of communities post disturbance*. Kingston, Ontario.

WORKING GROUPS

- 2022- Zooplankton as Indicators, funded by the JW Powell Institute
- 2020- GLEON: Global Lake Ecological Observatory Network. ASALT, ZooST, ZIG subgroups
- 2020- Tri-Trophic Interactions
- 2016-2021 Global Salt Initiative
- 2019 Woodstoich 4: Selected participant for the 'Eco-evolutionary Dynamics' group
- 2018 Eco-DAS XIII: Selected participant for Ecological Dissertations in the Aquatic Sciences, symposia and working group for early-career scientists
- 2015-2016 Governance and Surprise, SESYNC (NSF Socio-Environmental Synthesis Center)

TEACHING EXPERIENCE

Course Instruction

| | | | | |
|------|---------------|--------------|-------------------------------------|---------------|
| 2022 | Co-instructor | BioSci E106 | Processes in Ecology and Evolution | UC Irvine |
| 2021 | Instructor | EcoEvo 201 | Ecology Group | UC Irvine |
| 2021 | Co-instructor | EcoEvo E166L | Field Biology | UC Irvine |
| 2020 | Co-instructor | EcoEvo E166L | Field Biology | UC Irvine |
| 2020 | Instructor | EcoEvo203C | Data Exploration in R | UC Irvine |
| 2018 | Co-instructor | BIOE 215 | Temperature Effects on Life History | UC Santa Cruz |

Additional teaching

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| 2020,21 | Invited speaker | Food Web Theory, Graduate Seminar | Duke University |
| 2021 | Instructor | Summer Institute, Ridge 2 Reef | UC Irvine |
| 2018 | Guest Lecture | Freshwater Ecology | UC Santa Cruz |
| 2016 | Teaching Assistant | The Evolution of Infectious Disease | UC San Diego |
| 2015 | Guest Lecture | REU seminar series | SNRI |
| 2015 | Teaching Assistant | Biostatistics | UC San Diego |
| 2013,14 | Teaching Assistant | Introductory Ecology | UC San Diego |
| 2013 | Teaching Assistant | Aquatic Ecology Lab | UC San Diego |
| 2012 | Guest Lecture | Ecology of Lakes and Streams | Queen's University |
| 2012 | Teaching Assistant | Community and Ecosystem Ecology | Queen's University |
| 2010,12 | Teaching Assistant | Ecology of Stressed and Recovering Ecosystems | Queen's University |
| 2010 | Teaching Assistant | Evolutionary Ecology of Humans | Queen's University |

Awards

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| 2014 | Excellence in teaching in the Biological Sciences | UC San Diego |
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Training and development

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| 2020 | Faculty Working Group, Division of Teaching Excellence Innovation | UC Irvine |
| 2020 | Active Learning Institute, Division of Teaching Excellence Innovation | UC Irvine |

 MENTORSHIP

Postdoctoral fellows

09/2019 – Dr. Emma Moffett Ecology and Evolutionary Biology UC Irvine
 08/2022 *Dean's Early Career Research Excellence Award \$1000*

PhD students

09/2022 – Emily Martin Ecology and Evolutionary Biology UC Irvine
GRFP Honorable Mention
 09/2020 – Christine Bonadonna Ecology and Evolutionary Biology UC Irvine
GRFP Honorable Mention
GAANN Fellowships \$32,210
UCI Minority Serving Institution Enhancement award \$10,500
Valentine Eastern Sierra Reserves grant \$1,500
Mildred E. Mathias Grad Student Research grant \$3,000

Technicians

2019-2020 Christine Bonadonna Ecology and Evolutionary Biology UC Irvine

Thesis advisory committee

2022 – Beatriz Rojas Ecology and Evolutionary Biology UC Irvine
 2022 – Lydia Dean Ecology and Evolutionary Biology UC Irvine
 2021– Ryan Beshai Ecology and Evolutionary Biology UC Irvine
 2021– Melanie Hacopian Ecology and Evolutionary Biology UC Irvine
 2020 – Samuel Weber Ecology and Evolutionary Biology UC Irvine
 2020 – Raechel Hill Ecology and Evolutionary Biology UC Irvine
 2020 – MJ Farruggia Graduate Group for Ecology UC Davis

Advancement committee

2021 Lauren Lees Ecology and Evolutionary Biology UC Irvine

Undergraduate researchers *funded, #thesis, ^attended graduate school

UC Irvine (12) Tu Nguyen (2022), Pauline Stevens* (2022), Jatin Behar (2022), Tyler Queja (2021), Nathan Lee (2021-22), Aimee Chi Soe* (2021-22), Sarah Haas* (2021), Emily Le (2021), Steven Nguyen (2021), Hunter Rojas (2020), Annabelle Doo (2020), Roman Torres (2020)

UC Santa Cruz (7) Nelson Menjivar*^ (2017-2018), Ian Barry (2019), Dante Capone^ (2018), Mary Spanos (2018), Sarah Agate (2018), Trevor Whiteley (2017-2018), Kiana Alvarez (2018)

UC San Diego (10) Catherine Banach#^ (2016-2017), Kathia Cortez (2016), Sabrina Tucker (2016), Kaylynn Einfalt* (2016), Melissa Quon (2014-2015), Sean Ables (2015), Julia Small (2015), Marissa McDaniel* (2015), Brandon Güell*^ (2014), Lara Jansen*#^ (2013)

Queen's University (2) Diana Zheng*#^ (2012), Jessica Hanschell#(2011)

ACADEMIC SERVICE

Reviewer for journals

Nature Climate Change, Ecology Letters, Proceedings of the Royal Society B, PLOS Biology, Ecology, The American Naturalist, Global Change Biology, Frontiers in Ecology and Evolution, Journal of Animal Ecology, Limnology and Oceanography, Oecologia, Functional Ecology, Oikos, Scientific Reports, Ecosphere, Aquatic Sciences, Freshwater Biology, Limnology and Oceanography Methods, Aquatic Ecology, Canadian Journal of Fisheries and Aquatic Sciences, Journal of Plankton Research, Hydrobiologia, PLOS ONE, Arctic, Alpine and Antarctic Research (24 journals, 47 reviews)

Reviewer for grants and fellowships

2022 University of California, President's Postdoctoral Fellowship
 2022 NSF reviewer
 2021 University of California, President's Postdoctoral Fellowship
 2021 NSF Reviewer
 2020 University of California, President's Postdoctoral Fellowship
 2019 France Agence Nationale de la Recherche

Society service

2021 Secretary for the Aquatic Section of the Ecological Society of America (2 year term)
 2021 Co-organizer of a special session at the Association for the Sciences of Limnology and Oceanography conference
 2011 Session Chair, Churchill Northern Studies Centre and Parks Canada Science Symposium

Certificates and trainings

2021 CIMER (Center for the Improvement of Mentored Experiences in Research) Entering Mentoring Facilitator Training
 2021 Faculty Success Program
 2021 Inclusive Excellence certificate (awarded for completing the following two courses)
 2021 UCI Wellness, 10 week course
 2020 UCI as a Minority Thriving Institution, 10 week course
 2019 UCI Undocumented Student Ally Training

UNIVERSITY SERVICE

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|------------|--|--------------|
| 2022 | EEB Undergraduate Major Committee member | UC Irvine |
| 2022 | Organizer of monthly mentor lunches for assistant professors | UC Irvine |
| 2020-2022 | Member of Environmental Research Facilities Committee | UC Irvine |
| 2013-2016 | Co-leader of the R Users Group | UC San Diego |
| 2016 | Member of the International Graduate Student Taskforce | UC San Diego |
| 2016 | Member of the Biological Sciences Retreat Committee | UC San Diego |
| 2015, 2016 | Student representative, Academic Senate Diversity Committee | UC San Diego |
| 2015, 2016 | Biology representative to the Graduate Student Association | UC San Diego |
| 2015, 2016 | Member of the Graduate Student Diversity Committee | UC San Diego |
| 2015 | Student member of the Biology Graduate Committee | UC San Diego |
| 2015 | Organizer of Biology Graduate Seminar Series, EBE | UC San Diego |
| 2015 | Co-organizer of the Ecology and Evolution Journal Club | UC San Diego |

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| 2014 | Student member of UC San Diego Admissions Committee | UC San Diego |
| 2014 | Graduate representative on search committee | UC San Diego |
| 2012, 2013 | Biological Sciences graduate student recruitment committee | Queen's U |
| 2011, 2012 | Biology Graduates Committee Social Coordinator | Queen's U |
| 2010, 2011 | Society of Graduate and Professional Students Committee | Queen's U |

COMMUNITY SERVICE

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|-----------|--|---------------|
| 2019- | Co-moderator of @ASecretMenu, providing resources to demystify the hidden curriculum of academia | Online |
| 2018- | Member of WikiProject Limnology and Oceanography | UC Irvine CA |
| 2018 | Trout in the classroom volunteer | Santa Cruz CA |
| 2013-2015 | Greater San Diego Science and Engineering Fair judge | San Diego CA |
| 2014 | Public lecture, White Mountain Field Station Open House | Bishop CA |
| 2013-2015 | Science pen pal program | San Diego CA |
| 2014 | Public potluck lecture, Sierra Nevada Research Institute | Wawona CA |
| 2011 | Science Rendezvous Kingston | Kingston ON |
| 2011-2012 | Frontenac, Lennox, and Addington Regional Science Fair judge | Kingston ON |
| 2011 | Volunteer at Biodiversity Day | Kingston ON |
| 2011 | Lake sampling demo, Churchill Northern Studies Centre | Churchill MB |