

Dax Ovid

Curriculum Vitae

Department of Biology
236 Hensill Hall
1600 Holloway Ave.
San Francisco, CA 94132

www.daxovid.com
daxovid@sfsu.edu

EDUCATION

Ph.D. Integrative Biology, University of California, Berkeley, 2017

B.A./B.A. Integrative Biology & Italian Studies, University of California, Berkeley, 2011

PROFESSIONAL EXPERIENCE

2019- Postdoctoral Researcher, Department of Biology, San Francisco State University

PUBLICATIONS

Peer Reviewed Journal Articles

- 2018 **Ovid, D**; Hayes, T.B; Bentley, G.E. Melatonin Administration Methods for Research in Mammals and Birds. *Journal of Biological Rhythms*, 33(6): 567–588.
- 2018 **Vivid, D.** & Bentley, G.E. Seasonal reproduction in vertebrates: melatonin synthesis, binding, and functionality using Tinbergen's four questions. *Molecules*. 23(3): 652-705.
- 2017 Bentley, G.E; Wilsterman, K; Ernst, D.K; Lynn, S.E; Dickens, M.J; Calisi, R.M; Kriegsfeld, L.J; Kaufer, D; Geraghty, A.C; **Vivid, D**; McGuire, N.L; Lopes, P.C; Tsutsui, K. Neural Versus Gonadal GnIH: Are they Independent Systems? A Mini-Review. *Integrative and Comparative Biology*. 57(6): 1194–1203.
- 2011 McGuire, N. L., **Kangas, K.**, & Bentley, G. E. Effects of melatonin on peripheral reproductive function: regulation of testicular GnIH and testosterone. *Endocrinology*, 152(9), 3461-3470.

Legal name at time of publication in bold.

In Preparation

Ovid, D., Rice, M.M., Tabayoyong, K., Luna, J., Lajevardi, P., and Tanner, K. Student Perceptions of Instructor Language in Undergraduate Biology Classrooms. Target: *CBE Life Sciences Education*.

Ovid, D. & Tanner, K. “Am I a Real Scientist?”: Individual Identity, Disciplinary Power, and Boundary-Work for Science Faculty. Target: *CBE Life Sciences Education*.

Ovid, D. & Leonardo, Z. She Blinded Me with Science: Post-Curriculum and the New Science. Target: *Journal of Curriculum Theorizing*.

Ovid, D. & Phaka, F.M. The Frog Idwi: Teaching Counternarratives of Invasive Species in Postcolonial Ecology. Target: *Curriculum Inquiry*.

FELLOWSHIPS & AWARDS

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| 2016 | Dissertation-Year Fellowship, University of California Office of the President |
| 2013 | Graduate Research Fellowship Program, National Science Foundation |
| 2012 | Initiative for Maximizing Student Development, Howard Hughes Medical Institute |
| 2012 | Graduate Research Mentorship Fellowship, UC Berkeley (declined offer) |

CONFERENCE ACTIVITY

Invited Talks

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| 2020 | Scientist Spotlights Initiative in High School Settings. National Association of Biology Teachers Conference. Online, November 6-7. |
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Panels Organized

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| 2019 | Workshop Organizer - On the Water Environmental Education and Ocean Literacy Under Sail. National Marine Educators Association, Durham, NH, July 21-25. |
| 2018 | Conference Organizer & Panel Moderator - (Un)Tapped Potential: The Future of the University and Entrepreneurship. SkyDeck Incubator, Berkeley, CA, April 20. |

Presentations

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| 2014 | Meta-Pedagogy and Post-Publication Peer Review: The use of scientific literature in the classroom. Sociedad Latinoamericana de Estudios Sociales de la Ciencia y la Tecnología (ESOCITE) and Society for the Social Studies of Science (4S) Conference. Buenos Aires, Argentina, August 20-23. |
| 2013 | Future of Scientific Discourse and Education. Society for the Social Studies of Science (4S) Conference. San Diego, CA, October 9-12. |

- 2013 Awakening a Sleeping Dogma: Melatonin Synthesis de novo in Passerines. North American Society for Comparative Endocrinology. Universidad Nacional Autónoma de México, Querétaro, May 22-24.

Posters

- 2020 Ovid, D., Tanner, K., Schinske, J. Scientist Spotlights: Integrating Themes of Diversity and Inclusion with Course Content. Cultivating Scientific Curiosity, QUBES Educational Resources. doi:10.25334/RXTM-NK79 August 3-7.
- 2014 The Songbird's Fourth Eye: Melatonin-Synthesizing Enzymes in the Hypothalamus of European Starlings. Integrative and Comparative Biology, Austin, TX, January 3-7.
- 2013 Awakening a sleeping dogma: de novo hypothalamic melatonin synthesis in passerines. Integrative and Comparative Biology, San Francisco, CA, January 3-7.

CAMPUS TALKS

- 2018 Expanding Undergraduate Success in STEM - Lessons from a Biology Scholars Program Course. Matsui, M; **Ovid, D**; Okeke, I. UC Berkeley
- 2011 Differential Expression of Glucocorticoid Receptor in *Passer domesticus*. Biology Fellows Program Spring Symposium. UC Berkeley
- 2009 Shedding Light on Avian Reproduction: Comparing the Relative Abundance of GnIH and GnIHR Synthesized in Photostimulated and Photorefractory *Sturnus vulgaris*. Biology Fellows Program Summer Symposium. UC Berkeley

TEACHING EXPERIENCE

San Francisco State University, Instructor

Introductory Biology (fall 2020, online, 300 students)

University of California, Berkeley, Graduate Student Instructor

Public Engagement with Science (spring 2013, 2014, 2017, curriculum 2012-2017, 80-120 students)

Data and Diversity (fall 2013, mentor, 12 students)

Reproducible and Collaborative Data Science (fall 2013, 30 students)

Human Reproduction (spring 2012, two discussion sections, 40 students)

Introductory Biology: Botany, Evolution, Ecology (fall 2011, lab, 20 students)

Other Teaching

Research & Writing, Patten University/Prison University Project (fall 2018, 30 students)

PROFESSIONAL SERVICE

Peer Review

Grant Review Board, National Oceanic Atmospheric Administration, Monterey, CA,
2018-2020

Undergraduate Research Fellowship Reviewer, Biology Fellows Program, UC Berkeley,
2011-2014

To Profession

Co-chair, Professional Development Committee, Discipline Based Education Research for
Scholars-in-Training, Society for the Advancement of Biology Education Research,
2020-

Campus Affairs Vice-President, Graduate Assembly, UC Berkeley, 2016-2017

Committee on Academic Planning and Resource Allocation, Graduate Assembly
Representative, UC Berkeley, 2016-2017

Graduate Student Wellness Project Director, UC Berkeley, 2015-2016

Graduate Student Inclusivity Training and Certificate Program, Lead Organizer in
Partnership with Restorative Justice Center and Multicultural Education Program, UC
Berkeley, 2016

Graduate Assembly Delegate for Department of Integrative Biology, UC Berkeley,
2012-2015

University Committee on Academic Freedom, UC Berkeley, 2013-2015

To Community

Chair, University Committee for Faculty Mentor Award, UC Berkeley, 2016-2017

Co-Chair, University Student Health Advisory Committee, UC Berkeley, 2015-2016

Diversity Workgroup, Graduate Assembly, UC Berkeley, 2013-2016

OTHER PROFESSIONAL EXPERIENCE

Justice, Equity, Diversity and Inclusion Pedagogies of Inclusive Excellence in Online
Teaching Institute, 2020

Director of Education, Call of the Sea, 501(c)(3) Educational Nonprofit, 2018-2019

Curriculum Consultant, Biology Scholars Program, UC Berkeley, 2018-2019

Strategic Communications Associate, Cyclotron Road, Lawrence Berkeley Laboratory, 2018

Program Coordinator, National Science Foundation, Research Experiences for
Undergraduates (REU), 2017

Focus Group Coordinator, Fung Fellowship Program, UC Berkeley, 2016-2017

PROFESSIONAL ASSOCIATIONS

Society for the Advancement of Biology Education Research, 2020-present

American Educational Research Association, 2020-present

National Marine Educators Association, 2019-present

Society for the Social Studies of Science, 2013-2015, 2020-present

Society for Integrative and Comparative Biology, 2011-2014

Biology Scholars Program, 2008-2011

LANGUAGES

Italian: Advanced reading, writing, speaking

German: Intermediate reading, writing, Beginner speaking

Spanish: Intermediate reading, writing, Beginner speaking

REFERENCES

Available upon request.