

ALLISON S. INJAIAN, PHD

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ACADEMIC APPOINTMENTS

- 2022 – present *Academic Coordinator*
University of Georgia, Athens, GA
Odum School of Ecology
- 2020 – present *Lecturer*
University of Georgia, Athens, GA
Odum School of Ecology
- 2018 – 2020 *Edward W. Rose Postdoctoral Fellow*
Cornell University, Ithaca, NY
Department of Ecology and Evolution and Lab of Ornithology (Center for Conservation Bioacoustics)

EDUCATION

- 2013 – 2018 Ph.D. in Animal Behavior, University of California, Davis, CA
- 2011 – 2013 M.S. in Ecology and Evolutionary Biology, University of Michigan, Ann Arbor, MI
- 2006 – 2010 B.S. in Biology (with Honors), Spanish Minor, Ursinus College, Collegeville, PA

TEACHING EXPERIENCE

Instructor of Record, Odum School of Ecology, University of Georgia, Athens, GA

- 2023 Urban Ecology (3000-level service-learning course, 15 students)
Behavioral Ecology (4000/6000-level course-based undergraduate research experience (CURE), 15 students)
General Ecology (3000-level lecture, 155 students)
Professional Development for Careers in Ecology (discussion-based seminar, 61 students)
- 2022 Urban Ecology (3000-level service-learning course, 19 students)
Behavioral Ecology (4000/6000-level course-based undergraduate research experience (CURE), 30 students)
General Ecology (3000-level lecture, 75 students)
Professional Development for Careers in Ecology (discussion-based seminar, 61 students)
- 2021 General Ecology (3000-level lecture, 128 students)
Ecological Basis of Environmental Issues (1000-level lecture for non-majors, 278 students)
Environmental Practicum (4000-level service-learning course, 16 students)
Behavioral Ecology (4000/6000-level course-based undergraduate research experience (CURE), 27 students)
Professional Development for Careers in Ecology (discussion-based seminar, 57 students)
- 2020 General Ecology (3000-level lecture, 127 students)
Ecological Basis of Environmental Issues (1000-level lecture for non-majors, 264 students)
Professional Development for Careers in Ecology (discussion-based seminar, 58 students)

Instructor of Record, Department of Ecology and Evolution, Cornell University, Ithaca, NY

2019 Urban Ecology: The Nature of Our Cities (First-year writing seminar)

Teaching Assistant, Department of Ecology and Evolution, University of California, Davis, CA

2018 Introduction to Ecology (discussion sections of upper division course)
Introduction to Biology: Principles of Ecology & Evolution (lab sections of lower division course)
2017 Animal Communication (discussion sections of upper division course)
2016 Introduction to Biology: Principles of Ecology & Evolution (lab sections of lower division course)
Sex in the Natural World (discussion sections of non-majors course)
2015 Animal Communication (discussion sections of upper division course)
2014 Introduction to Biology: Principles of Ecology & Evolution (lab sections of lower division course)

SERVICE

Programmatic Support

2023 – present **Peer Learning Assistants**, Odum School of Ecology, University of Georgia, Athens, GA
Through my ECOL3500 lectures, I support 6 Undergraduate Ecology majors as Peer Learning Assistants (PLAs) with the Division of Academic Enhancement's 'Peer Learning and Teaching Others Program'. This program provides professional development opportunities PLAs, while also improving the learning experience for students enrolled in my course. Finally, as the first Ecology course that supports PLAs, I created a new pathway by which OSE can support UGA's QEP.

2022 – present **Peer Teaching Evaluations**, Odum School of Ecology, University of Georgia, Athens, GA
Through my role as Academic Coordinator, I led the development the OSE Peer Teaching Evaluation form, in coordination with the Academic Programs Committee. Starting in Fall 23, I will coordinate the scheduling and assigning of all Peer Teaching Evaluations in the unit.

2022 – present **Ecology Student Ambassador Program**, Odum School of Ecology, University of Georgia, Athens, GA
I serve as the faculty advisor for the Student Ambassador Program, and as such collect applications, choose ambassadors, develop monthly professional development workshops, and coordinator ambassador activities. [Website link.](#)

2021 – present **New Student Orientation**, Odum School of Ecology, University of Georgia, Athens, GA
I meet with all incoming first year ecology majors and transfer students, along with their families, each summer to share information about the Odum School's academic programs. Specifically, I highlight our degree programs (AB and BS), course options, study away and abroad, internships and research, clubs, and sense of community.

2021 – 2023 **Ecology Undergraduate Peer Mentorship Program**, Odum School of Ecology, University of Georgia, Athens, GA
I served as the faculty advisor for the student-led peer-peer mentorship program among Ecology majors. In this role, I supported the leaders of the program in developing and carrying out monthly meetings.

Committees

2023 Search Committee Chair for Research and Teaching Postdoc, Odum School of Ecology
2023 Search Committee Member for IT Paraprofessional, Odum School of Ecology
2023 Search Committee Chair for Limited-term Lecturer, Odum School of Ecology
2022 – present Executive Committee, Odum School of Ecology, University of Georgia
2022 – present Academic Programs Committee, Odum School of Ecology, University of Georgia
2022 – present University Council's Human Resources Committee, University of Georgia
2022 Search Committee Member for Academic Program Assistant, Odum School of Ecology
2021 – present University Council, University of Georgia

2021 Search Committee Member for Research and Teaching Postdoc, Odum School of Ecology
2020 – present Undergraduate Committee, Odum School of Ecology, University of Georgia
2019 – 2022 Animal Behavior Society Conservation Committee

MENTORSHIP

Undergraduate Students

Tiffanie Torrey, a current B.S. student in Ecology that served as a peer learning assistant in my course
Anvi Srivastava, a current B.S. student in Ecology that served as a peer learning assistant in my course
Magz Thompson, a current B.S. student in Ecology that served as a peer learning assistant in my course
CJ Jones, a current B.S. student in Ecology that served as a peer learning assistant in my course
Ashley Orlett, a current A.B. student in Ecology that served as a peer learning assistant in my course
Carmel Serban, a current B.S. student in Ecology that served as a peer learning assistant in my course
Jestin Freeze, a B.S. student in Ecology who graduated from UGA in May 2023. Currently applying to PhD programs in Ecology.
Zoe Alexander, an A.B. Student in Ecology who graduated from UGA in May 2023. Currently working as a Program Assistant at the National Academy of the Sciences.
Isaac Wood, a B.S. Student in Ecology at UGA. Applied and was accepted into a science-education-focused REU program at RIT in Summer 2022
Julia Weil, graduated with a B.S. in Ecology from UGA in May 2022. Currently Pursuing a PhD in Biological Sciences with Dr. Jim Adelman at the University of Memphis

Postdoctoral Scholars

Dr. Robert Richards, in his position as the Odum School of Ecology Research and Teaching postdoctoral fellow, I have provided substantial mentorship, guidance, and feedback to Dr. Richards with regards to his teaching.

RESEARCH EXPERIENCE

2022 – present **Science-education Research**, University of Georgia, Athens, GA
I am the principal investigator on an education study, collaborating with Dr. Emily Rosenzweig in the College of Education, and Dr. Robert Richards in Dept of Biological Sciences at GA Tech. This study, which ran in two sections of my ECOL3500 course in Fall 2022 and Fall 2023, and investigated the impact of student choice over grading scheme on student motivation and learning gains.

2021 – present **Faculty Learning Community on Service-learning Research**, Office of Service Learning, University of Georgia, Athens, GA
Administered student surveys and faculty focus groups to assess if service-learning classes bolstered student resilience and well-being during the pandemic, through faculty-student relationships

2018 – 2020 **Postdoctoral Research**, Department of Ecology and Evolution, Cornell University, Ithaca NY
Physiological effects of artificial light at night in tree swallows (*Tachycineta bicolor*)
Advisor: Dr. Maren Vitousek

Postdoctoral Research, Center for Conservation Bioacoustics, Cornell Lab of Ornithology, Ithaca NY
Assessing the effects of aircraft events on vocalization behavior in passerine bird communities using passive acoustic monitoring
Advisor: Dr. Holger Klinck

2013 – 2018 **Doctoral Research**, Animal Behavior Graduate Group, University of California, Davis, CA
An integrative study of traffic noise impacts on tree swallows (*Tachycineta bicolor*)
Advisor: Dr. Gail Patricelli

2011– 2013 **Master's Research**, Department of Ecology and Evolution, University of Michigan, Ann Arbor MI
Intraspecific variation in individual face recognition abilities in *Polistes fuscatus* paper wasps
Advisor: Dr. Liz Tibbetts

PUBLICATIONS (* denotes an undergraduate co-author)

14. Taff, C. C., S. M. McNew, C. Zimmer, J. J. Uehling, J. L. Houtz, T. A. Ryan, D. Chang van Oordt, **A. S. Injaian**, and M. N. Vitousek. 2023. Social signal manipulation and environmental challenges have independent effects on physiology, internal microbiome, and reproductive performance in tree swallows (*Tachycineta bicolor*). *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, 1- 13. <https://doi.org/10.1002/jez.2722>
13. **Injaian, A. S.**, J. J. Uehling, C. C. Taff, and M. N. Vitousek. 2021. Effects of artificial light at night on avian provisioning, corticosterone, and reproductive success. *Integrative and Comparative Biology*: icab055, <https://doi.org/10.1093/icb/icab055>
12. **Injaian, A. S.**, E. D. Lane*, and H. Klinck. 2021. Aircraft events correspond with vocal behavior in a passerine. *Scientific Reports* 11:1197.
11. **Injaian, A. S.**, C. D. Francis, J. Q. Ouyang, D. M. Dominoni, J. W. Donald, M. J. Fuxjager, W. Goymann, M. Hau, J. F. Husak, M. A. Johnson, B. K. Kircher, R. Knapp, L. B. Martin, E. T. Miller, L. A. Schoenle, T. D. Williams and M. N. Vitousek. 2020. Baseline and stress-induced corticosterone levels across birds and reptiles do not reflect urbanization levels. *Conservation Physiology* 8: coz110.
10. **Injaian, A. S.**, P. L. Gonzalez-Gomez, C. C. Taff, A. K. Bird, A. D. Ziur*, G. L. Patricelli, M. F. Hausmann. and J. C. Wingfield. 2019. Traffic noise exposure alters nestling physiology and telomere attrition through direct, but not maternal, effects in a free-living bird. *General and Comparative Endocrinology* 176: 14-21.
9. **Injaian, A. S.**, C. C. Taff, K. L. Pearson*, M. M. Y. Gin*, G. L. Patricelli and M. N. Vitousek. 2018. Effects of experimental chronic traffic noise exposure on adult and nestling corticosterone levels, and nestling body condition in a free-living bird. *Hormones and Behavior* 106: 19-27.
8. **Injaian, A. S.**, L. Y. Poon*, and G. L. Patricelli. 2018. Effects of experimental anthropogenic noise on avian settlement patterns and reproductive success. *Behavioral Ecology* 29: 1181-1189.
7. **Injaian, A. S.**, C. C. Taff, and G. L. Patricelli. 2018. Experimental anthropogenic noise impacts avian parental behavior, nestling growth and nestling oxidative stress. *Animal Behaviour* 136: 31-39.
6. Tibbetts, E. A., **A. S. Injaian**, M. Sheehan, E. Wong, and N. Desjardins. 2018. Intraspecific variation in learning: worker wasps are less able to learn and remember individual conspecific faces than queen wasps. *American Naturalist* 191: 595-603.
5. **Injaian, A. S.** and E. A. Tibbetts. 2015. Advertised quality and resource value affect aggression and social vigilance in paper wasp contests. *Animal Behaviour* 102: 259-266.
4. **Injaian, A. S.** and E. A. Tibbetts. 2014. Cognition across castes: Individual recognition in worker *Polistes fuscatus* wasps. *Animal Behaviour* 87: 91-96.
3. Tibbetts, E. A. and **A. S. Injaian**. 2013. Preferential phenotypic association linked with cooperation in paper wasps. *Journal of Evolutionary Biology* 26: 2350-2358.
2. Belasen, A., E. Burkett, **A. S. Injaian**, K. Li, D. Allen and I. Perfecto. 2013. Effect of sub-canopy habitat selection in the blue-spotted salamander (*Ambystoma laterale-jeffersonianum unisexual complex*). *Copeia* 2: 258-265.
1. Foster A, C. Miller, A. Bilko, **A. S. Injaian**, B.A. Bailey. 2010. Cardiac enlargement during pregnancy may involve new myocyte formation. *FASEB J* 24: 622.7.

MANUSCRIPTS IN PROGRESS (* denotes an undergraduate co-author)

- Rosenzweig, E., X. Chen, Y. Song, A. Baldwin, M. Barger, M. Cotterell, J. Dees, **A. Injaian**, N. Liyanage, J. Walker, C. Wiegert, and P. Lemons. Beyond STEM Attrition: Changing career plans within STEM fields in college is associated with lower motivation, certainty, and satisfaction about one's career. *In Revision: Psychological Science*.
- Rosenzweig, E., X. Chen, Y. Song, A. Baldwin, M. Barger, M. Cotterell, J. Dees, **A. Injaian**, J. Walker, C. Wiegert, N. Weliveriya, and P. Lemons. What motivates career plan changes within STEM? Examining contextualized and co-occurring expectancy-value beliefs. *In Revision: Journal of Educational Psychology*
- McNew, S., C. Taff, , C. Zimmer, J. Uehling, T. A. Ryan, D. Chang von Oordt, J. Houtz, **A. S. Injaian**, and M. Vitousek. Developmental stage-dependent effects of perceived predation risk on nestling tree swallows (*Tachycineta bicolor*). *In Revision: Ecology*.
- Uehling, J. J., C. C. Taff, J. L. Houtz, P. Becker*, **A. S. Injaian**, and M. N. Vitousek. Predictors and consequences of diet variation in a declining generalist aerial insectivore. *In Revision: Molecular Ecology*.
- Bird, A. K., **A. S. Injaian**, D. P. Wilder*, J. A. Beskind*, and G. L. Patricelli. Mate assortment by aggressiveness explains variation in reproductive success under noise pollution. *In Revision: Animal Behavior*.
- Taff, C. C., T. A. Ryan, J. J. Uehling, **A. S. Injaian**, and M. N. Vitousek. Within-individual consistency and among-individual variation in shapes of tree swallow (*Tachycineta bicolor*) eggs are unrelated to reproductive success. *In Revision: Ibis*.

FELLOWSHIPS, GRANTS & AWARDS

Fellowships

2022 – 2023	Service-Learning Fellow, Office of Service Learning, University of Georgia	\$2,500
2020	Teaching Academy Fellows Program, University of Georgia	-
2017	Professors for the Future Fellowship, UC Davis Graduate Studies	\$3,000
2013	Animal Behavior Graduate Group Fellowship, University of California, Davis	\$20,000
2013	Matthaei Botanical Gardens Fellowship, University of Michigan	\$627
2012	Rackham Centennial Spring/Summer Fellowship, University of Michigan	\$6,000
2009	Summer Fellows Research, Ursinus College	\$3,000

Grants

2023	Parents' Leadership Council, University of Georgia	\$1,775.85
2022	Parents' Leadership Council, University of Georgia	\$1,380
2022	Service-learning Support Grant, University of Georgia Office of Service-learning	\$500
2016	Society for Integrative & Comparative Biology Grant-in-Aid of Research	\$1,000
2016	ARCS Foundation Scholar, ARCS Foundation	\$10,000
2015	Animal Behavior Society Student Research Grant	\$1,000
2015	ARCS Foundation Scholar, ARCS Foundation	\$10,000
2012	Graduate Student Research Grant, Rackham, University of Michigan	\$1,497
2012	Departmental Block Grant, EEB University of Michigan	\$846

Awards

2023	Outstanding Teaching Faculty Award, University of Georgia	-
2018	Dean's Mentorship Award, UC Davis College of Biological Sciences	\$5,000
2016	Conference Travel Award, Animal Behaviour Society	\$500
2015	Outstanding Graduate Student Teaching Award, UC Davis Graduate Studies	\$500

INVITED TALKS

- “The nature of noise pollution: Understanding noise impacts on native, declining birds” (20 min). Ecology, Evolution, and Behavior Department Seminar. University of Minnesota – Twin Cities. September 24, 2021. *Delivered via Zoom*.
- “Physiological mediators of behavioral change in tree swallows exposed to artificial light at night” (30 min). Society of Integrative and Comparative Biology (Symposium Title: Blinded by the Light: Effects of Light Pollution Across Diverse Natural Systems.) January 3 – 7, 2021. Virtual Conference.
- “Do aircraft events alter the vocal behavior of passerine bird communities?” (30 min). Acoustical Society of America Meeting (Symposium Title: Noise Impacts on Acoustic Communication in Birds.) December 3, 2019. San Diego, CA, USA.
- “Effects of experimental traffic noise exposure on behavior and physiology in tree swallows” (30 min). Northeast Regional Environmental Acoustics Seminar. Hosted by the University of Vermont and the University of New Hampshire. October 9, 2018.
- “Growing up in a noisy world: An experimental study of how traffic noise impacts tree swallows” (1 hour). Animal Behavior Graduate Group Seminar Series. University of California, Davis, CA. November 4, 2016.
- “The nature of noise pollution: A multi-level study of noise impacts on a native, declining bird” (12 min.). Annual Symposium for ARCS Scholars. Quadras Conference Center, Menlo Park, CA. May 2, 2016.
- “Facial recognition: Intraspecific variation and the development of specialization in *Polistes fuscatus* (paper wasp), a model system” (1 hour). Animal Behavior Graduate Group Seminar Series. University of California, Davis, CA. January 17, 2014.
- “Individual face recognition: Intraspecific variation in *Polistes fuscatus*, a model system” (30 min). Animal Communication (upper-division course). University of California, Davis, CA. November 27, 2013.

CONFERENCE PRESENTATIONS (* denotes an undergraduate co-author)

- Matthews, P. M., **A. S. Injaian**, J. Calabria, K. Thompson, & M. Landers-Potts. Applying research-based strategies to boost student resilience in your classroom and institution: An interactive workshop. Gulf-South Summit on Service Learning and Civic Engagement through Higher Education. April 15 – 17, 2024. Auburn, AL, USA (*60 minutes, Workshop*).
- Harden, P.*, E. Hackmeyer*, M. Willetts*, P. Buxton*, R. Barfield*, S. Rubin*, M. Sinclair*, M. Leatherwood*, & **A. Injaian**. Gaining Insight Through Environmental Education and Community Outreach. Georgia Climate Conference. May 15 – 17, 2023. Athens, GA, USA (*Poster*).
- Thompson, K., **A. Injaian**, M. Landers-Potts, P. Matthews, J. Denk Stull, M. Kozak, & D. Mitchell. Service-learning and resilience: What your students and colleagues wish you knew. April Gulf South Summit on Service-Learning and Civic Engagements Through Higher Education. April 12 – 14, 2023. Athens, GA, USA (*Workshop*).
- Matthews, P. M., J. Calabria, K. Thompson, M. Landers-Potts, & **A. S. Injaian**. Building student resilience through challenges in the service-learning classroom. Lilly Conference on Innovative Strategies to Advance Student Learning. August 8 -10, 2022. Asheville, NC, USA (*Oral*).
- Matthews, P. M., J. Calabria, K. Thompson, M. Landers-Potts, **A. S. Injaian**, & C. Scartz. Supporting student resilience through service-learning. Gulf-South Summit on Service Learning and Civic Engagement through Higher Education. March 23 – 25, 2022. Virtual Conference. (*Oral*).

- Injaian, A. S.,** and H. Klinck. 2019. Assessing the effects of aircraft noise on the vocal behavior of passerine bird communities. Animal Behavior Society Meeting, July 24, 2019. Chicago, IL, USA. (*Oral*).
- Injaian, A. S.,** C. C. Taff, K. L. Pearson*, M. M. Y. Gin*, G. L. Patricelli and M. N. Vitousek. 2019. Effects of experimental chronic traffic noise exposure on adult and nestling corticosterone levels, and nestling body condition in a free-living bird. Society for Integrative and Comparative Biology Annual Meeting, January 7, 2019. Tampa, FL, USA. (*Oral*).
- Injaian, A. S.,** C. C. Taff, and G. L. Patricelli. 2018. Experimental anthropogenic noise impacts parental behavior, and nestling Growth and oxidative stress in a non-urban bird. Society for Integrative and Comparative Biology Annual Meeting, January 6, 2018. San Francisco, CA, USA. (*Oral*).
- Injaian, A. S.** and G. L. Patricelli. 2016. Traffic noise impacts adult behavior and nestling growth in Tree Swallows. Animal Behavior Society Meeting, August 3, 2016. Columbia, MO, USA. (*Oral*).

PROFESSIONAL DEVELOPMENT

Workshops

- Teaching Evaluation Workshop Series for UGA Faculty. DeLTA Project, University of Georgia. January – March 2024 (six 1-hr 15-min sessions).
- Mindful Conflict Management. Office of Faculty Affairs, University of Georgia. August 8, 2023 (9AM – 3PM).
- Emotional Intelligence and Diversity. Office of Institutional Diversity, University of Georgia. October 6, 2020 (9 – 11AM)