ANTHONY LAPSANSKY

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Professional Preparation

University of Montana	Missoula, MT	Organismal Biology, Ecology, and Evolution	Ph.D., exp. 2021
Gonzaga University	Spokane, WA	Biology w/ Research Concentration	B.S., 2012-2016

Publications

Lapsansky, A. B., Zatz, D., Tobalske, B. W. (2020) Alcids 'fly' at efficient Strouhal numbers in both air and water but vary stroke velocity and angle. *eLife.*

Lapsansky, A. B. and Tobalske, B. W. (2019) Upstroke thrust is the norm for the wing-propelled swimming of alcid seabirds in shallow water. *Journal of Experimental Biology*.

Lapsansky, A. B., Igoe, J., Tobalske, B. W. (2019) Zebra finch (T. guttata) shift toward aerodynamically efficient flight kinematics in response to an artificial load. *Biology Open*.

Presentations

Lapsansky, A. B. (2020). Biomechanics of dual-medium, morphing wings of seabirds. *Presentation at the Gordon Research Conference on Multifunctional Structures and Materials.* Ventura, California.

Lapsansky, A. B. (2020). The biomechanics of multi-functional wings in diving birds. *Presentation for the Society for Integrative and Comparative Biology.* Austin, Texas.

Lapsansky, A. B. (2019). Biomechanics and evolution of dual-medium flight in birds. *Invited Presentation for Gonzaga University Biology Department*. Spokane, Washington.

Lapsansky, A. B. (2019). The comparative biomechanics of aerial and aquatic flight in alcids. *Presentation for the Society for Integrative and Comparative Biology*. Tampa, Florida.

Lapsansky, A. B. (2018). Effects of added payload on wingbeat kinematics in a flap-bounding bird. *Presentation for the Society for Integrative and Comparative Biology.* San Francisco, California.

Lapsansky, A. B. (2016). Raptor Biology and Falconry. *Presentation for the students of Vista Middle School*. Ferndale, Washington.

Lapsansky, A. B. (2016). Using Microsatellites to Elucidate the Breeding Biology of the Northern Saw-whet owl. *Presentation at Spokane Intercollegiate Research Conference*. Spokane, Washington.

Lapsansky, A. B. (2015). Raptors, Falconry and Bird Abatement. *Presentation for the 6th-grade class of Dee Schulz*. Ferndale, Washington.

Lapsansky, A. B. (2015). Raptors, Falconry and Bird Abatement: Turning a Passion into a Career. *Presentation for "At-Risk" students of Ferndale High School*. Ferndale, Washington.

Lapsansky, A. B. and K. M. M. Steensma. (2014). Falcons and other natural predators: the importance of wildlife to healthy agriculture. *Presentation for the Barnyard Kids 4H group*. Lynden, Washington.

Teaching Experience

Freshwater Ecology – Teaching Assistant, University of Montana (Spring semesters 2017-2020)

Vertebrate Evolution and Design – Lab Instructor, University of Montana (Fall semesters 2018-2020)

Principles of Living Systems – Teaching Assistant, University of Montana (Summer 2017)

Discover Biology – Teaching Assistant, University of Montana (Fall 2016)

Science in Action – Volunteer for K-6 Education, Gonzaga University (Spring 2016)

Organic Chemistry Lab – Teaching Assistant, Gonzaga University (Fall 2015 - Spring 2016)

Athletic Department – Tutor, Gonzaga University (Fall 2013 – Fall 2015)

Awards and Synergistic Activities

Chairperson for the SICB session on *Awesome Adaptations*: 2020

Gonzaga University Biology Department invited speaker: 2019

Drollinger-Dial Travel Grant: 2018, 2019 ($1,500 each year)

Stephen and Ruth Wainwright Endowed Fellowship: 2018 ($900)

Chairperson for SICB session on *Bird Flight: Wing morphing and more*: 2018

Montana Space Grant Consortium Fellowship: 2017 ($9,650)

National Science Foundation's Graduate Research Fellowship Program: Honorable Mention

Robert and Claire McDonald Award for Academic Distinction: 2016 ($100)

Gonzaga President's List (GPA 3.7 - 4.0): All 8 Semesters

Relevant Coursework and Workshops

3D Morphometrics and Image Analysis Intense Winter Workshop, University of Washington: February 16th-23rd, 2020

Professional Scientist Skills, University of Montana: Spring 2019

Evidence-Based Teaching in Science, University of Montana: Spring 2018

Diane Ebert-May Scientific Teaching Workshop: October 6th-7th, 2017

Grant Proposal Writing, University of Montana: Fall 2016