

SAMANTHA VOLD

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MASTERS STUDENT, LIFE SCIENCES COMMUNICATION

EDUCATION

University of Wisconsin-Madison

Master's of Science, Life Sciences Communication

-Expected graduation date: May 2022

University of Wisconsin-Stevens Point

Bachelor of Science, Biology (May 2016)

- Minor: Chemistry and French

- Honors: Cum laude

WORK EXPERIENCE

Teaching Assistant

UW-Madison Department of Integrative Biology

(Sept. 2019-present)

- Courses taught: Zoology/Biology 102 and Zoology/Biology 151

- Topics include: evolutionary history and taxonomy of the animal kingdom, molecular biology, genetics

LTE Education Instructor

Henry Vilas Zoo (June 2018-present)

- Lead or assistant instructor for zoo camps and sleepovers

- Teen program coordinator, summer 2019

Associate Research Specialist

UW-Madison Department of Dermatology (Nov. 2016-July 2019)

- Principal investigator: Dr. Hao Chang

- Responsible for conducting experiments, lab management, updating lab procedures, and training students

PUBLICATIONS

- Simonson, L., **Vold, S.**, Mowers, C., Massey, R., Ong, I., Longley, B., Chang, H. (July 2020) "Keratin 13 deficiency causes white sponge nevus in mice." *Developmental Biology* (doi: 10.1016/j.ydbio.2020.07.016).

- Dong, B., **Vold, S.**, Olvera-Jaramillo, C., Chang, H. (October 2018) "Functional redundancy of frizzled 3 and frizzled 6 in planar cell polarity control of mouse hair follicles." *Development* (doi: 10.1242/dev.168468).

- Alger, S.J., Sepsonwol, S., Dresang, L., Zellmer, P., **Vold, S.** (May 2015). "Biology 381: Animal Physiology Laboratory Manual." *Department of Biology, UWSP*.

- **Vold, S.** (February 2015). "The Beginnings of Jurassic Park: Dinosaur Blood Discovered?" *The Scorpion and the Frog*.

PRESENTATIONS

- **Vold, S.**, Mowers, C., Chang, H. (September 2019) "A Novel Mouse Model of White Sponge Nevus." Society for Developmental Biology: Midwest Regional Meeting 2019 (poster).

- Dong, B., **Vold, S.**, Chang, H. (May 2018) "The Role of Planar Cell Polarity Gene FZD6 in Melanoma Progression." International Investigative Dermatology Meeting 2018 (E-poster presentation and poster).

- **Vold, S.**, Barringer, B. (May 2016). "Simulating the Evolution of Altruism with Students." UW-Stevens Point College of Letters and Sciences Undergraduate Research Symposium (poster).

- **Vold, S.**, Barringer, B. (October 2015). "Botanical Census and Long-Term Tree Phenology Study at Schmeekle Reserve." Botanical Club of Wisconsin Research Seminar Series.

VOLUNTEER EXPERIENCE

Docent

Henry Vilas Zoo (April 2017-present)

- Special events: assist with Conservation Education Days and fundraising events, handle education animals during programs, plan activities for Wisconsin Science Festival

- Train new volunteers and revise training manuals

SUPPORTING COURSE WORK

Scientific Writing (in progress), Web Design for the Sciences (in progress), Social Media for the Life Sciences, Introduction to Communication Theory and Research, General Principles of Organic Evolution, Animal Physiology, Animal Behavior

TECHNICAL SKILLS

- **Writing:** Host blog about zoo science; Experience writing scientific articles, and popular science articles

- **Speaking:** Experience giving presentations to scientific peers and the public

- **Design:** Familiar with Canva as a platform to create presentations and graphics for blogs and social media