

# SANSA STARK

100 West College Street | Slayter Box 999 | Granville, Ohio 43023 | (740) 587-6656 | stark\_s0@denison.edu

## EDUCATION

---

**Denison University**, Granville, OH

Expected Graduation May 2021

*Bachelor of Science in Biology*

GPA: 3.72/4.00

## LAB SKILLS

---

- Dissection skills, including use of A.D.A.M. software
- Field data collecting, data analysis methods, advanced statistics
- Quantitative bacterial plating and enrichment cultures
- Bacterial identification (biochemical, physiological, and structural analysis)
- Cell fractionation by differential centrifugation

## TEACHING & MENTORING

---

**Department of Biology**, Denison University

September 2018 - Present

*Teaching Assistant*

- Collaborated with faculty member to teach a section of general microbiology, including the creation of a new class project utilizing the biology reserve
- Graded assignments and provided feedback in a professional manner
- Organized and led three group discussions per week on readings and academic issues

**Research Writing Program**, Denison University

September 2017 - Present

*Coordinating Group Leader*

- Planned and led eight required training sessions for new and returning Biology teaching assistants, focusing on professional etiquette, content, and learning styles
- Mentored three new teaching assistants in the Biology Department through bi-weekly meetings to ensure their engagement and professional development within the role

**Carolina Summer Science Reading Program**, University of South Carolina

May 2018 - July 2018

*University of South Carolina Discussion Leader*

- Led group discussions for 50 high school students on academic topics within biology, seeking to foster increased retention for further STEM study

## RESEARCH EXPERIENCE

---

**Summer Scholars Program**, Denison University

May 2018 - August 2018

*Undergraduate Researcher*

- Collaborated with two faculty members for ten weeks on the correlation between habitat selection and animal behavior by designing and facilitating lab experiments
- Analyzed experiment data utilizing Microsoft Excel to produce graphs and tables for future publication
- Authored and co-published research paper with a Biology faculty member in the *Journal of Animal Science*

**Biology Department**, Denison University

May 2017 - August 2017

*Research Assistant*

- Selected for the competitive Anderson Research Award to study nerve regeneration in the mammalian central nervous system out of 150 applicants
- Conducted twelve weeks of extensive research under Dr. John Smith, including both qualitative and quantitative research methodologies
- Presented findings and research methodology to campus community in at the Summer Science Symposium

## LEADERSHIP & INVOLVEMENT

---

**Biology Society, Denison University**

August 2018 - Present

*President*

- Organized monthly meetings with society officers, members, and faculty to increase awareness of society initiatives on campus and in the community
- Coordinated logistics for two professional development events per semester, including recruiting alumni speakers, making room reservations, and setting up technology

**Cosi Summer Camp, Center of Science and Industry (COSI)**

August 2016 - May 2018

*Educational Coordinator*

- Collaborated with seven team members to design weekly small group activities, including hands-on workshops and in-class presentations
- Utilized communication skills to engage children of all ages in events which promoted exploration of science

## PUBLICATIONS

---

**Stark, S.** "Habitat Selection in Micro species," in *A Companion to Twentieth-Century Biology*. Rutgers Press., 2018.

**Stark, S.** and Davis, D.A., "Animal Behavior in Habitat Selection," in *Journal of Animal Science*, Knoxville Press Vol. 35, 2018.

## PRESENTATIONS

---

"Habitat Selection and Animal Behavior," Summer Science Symposium. Denison University, Granville, OH, October 2019.

"Mammalian Center Nervous Systems," Illinois Graduate College Biology Seminar, Speaker and Organizer. Urbana, IL, September 2018.

"Biology and Higher Education," Panelist, South Atlantic Modern Biology Association. Atlanta, GA, August 2018.

## HONORS & AWARDS

---

**Jacob K. Javitz Fellowship, U.S. Department of Education** 2018

**Biology Department Thesis Completion Award, Denison University** 2018

**Campus Teaching Assistant Award (from student evaluations), Denison University** 2018

**Academic Scholarship, Denison University** 2017

## PROFESSIONAL MEMBERSHIPS

---

**American Institute of Biological Sciences** 2020 - Present

- *Promotes the use of scientific information to inform decision making and advance biology for the benefit of science and society*

**American Association for the Advancement of Science** 2019 - 2020

- *Advocates for cooperation among scientists, defends scientific freedom, encourages scientific responsibility, and supports scientific education and science outreach for the betterment of all humanity*

**Animal Behavior Society** 2018 - Present

- *Encourages and promotes the professional study of animal behavior across all biological organization levels, under natural and controlled conditions, and using descriptive and experimental approaches*

**American Society for Cell Biology** 2017 - Present

- *Dedicated to furthering scientific discovery, advocating sound research policies, improving education, promoting professional development, and increasing diversity in the workforce*