Tony Smith

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# EDUCATION

University of Nebraska at Omaha

Dual Degree: **Bachelor of Science and Bachelor of Arts**

*Majors*: Neuroscience, Biology

*Minors*: Chemistry

* Nu Rho Psi (Neuroscience Honor Society)
* Tri Beta (Biology Honor Society)
* Dean’s List (6 Semesters)

Expected graduation: Aug 2024

Jan. 2021 – Present Aug 2021 – May 2022

# TEACHING EXPERIENCE

**University of Nebraska at Omaha, Anatomy Academic Assistant Internship – Omaha, NE** Aug 2022 - Present

*Anatomy Academic Assistant (AAA)*

* + Co-teach Anatomy & Physiology lab with professor for 30 college students
  + Plan interactive game nights for 90 students so they can best learn lab material
  + Demonstrate dissections for class of 30 students and ensure proper protocol is followed
  + Collaborate with Open Door Mission to host Health Fair for over 300 homeless people in the Omaha area

# RESEARCH EXPERIENCE

**University of Nebraska at Omaha, Bird Lab – Omaha, NE** Feb. 2022 – July 2023

*Undergraduate Research Assistant*

* + Assist with undergraduate and graduate research projects involving Zebra Finches by collecting samples (feces, blood, feathers), anesthetizing, and ensuring minimal animal distress
  + Perform Cortisol Assays using various types of samples (feathers, feces, saliva)
  + Execute Microbe-killing Assays using *E. coli* and *C. albicans,* and ensure proper IBC protocol is followed
  + Developed, completed, and found funding for original research project
  + Obtain Institutional Animal Care and Use Committee (IACUC) and Institutional Biosafety Committee (IBC) certification allowing the use of animals and biohazardous agents

# RESEARCH GRANTS

FUSE Undergraduate Research Grant (2023), University of Nebraska at Omaha FUSE Undergraduate Research Grant (2022), University of Nebraska at Omaha

# PUBLICATIONS

Maverick, J., Professor, R., & Mojo, M., (in review) Effects of different rearing conditions on the immune function and mortality of Zebra Finches (Taeniopygia guttata).

# PRESENTATIONS

Maverick, J., Professor, R., (2022) Effects of different rearing conditions on the immune function and mortality of Zebra Finches (*Taeniopygia guttata),* Presented at the 7th Annual Student Research and Creative Activity Fair. Omaha, NE

Maverick, J., Professor, R., (2022) Cortisol: Circadian Cycle and Acute Response to Unexpected Stressor, Presented at the 6th Annual Research and Creative Activity Fair. Omaha, NE

# VOLUNTEER EXPERIENCE

**University of Nebraska at Omaha, Callitrichid Research Center – Omaha, NE** May 2021 – Aug. 2021

*Marmoset Lab Volunteer*

**The Nebraska Medical Center - Omaha, NE** Aug. 2020 – May 2021

*Child Life Volunteer*