

LAUREN J. RUDOLPH

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EDUCATION

MS in Biology – *summa cum laude* 2015
Missouri State University, Springfield, MO

- GPA: 4.0/4.0
- Thesis title: “Variation in Behavior of Different Populations and Sex Classes of Paedomorphic Oklahoma Salamanders”
- Advisor: Alicia Mathis
- Committee Members: Daniel Beckman and Brian Greene

BS in Biology (Chemistry minor) – *summa cum laude* 2012
Evangel University, Springfield, MO

- GPA: 4.0/4.0
- Advisor: Michael Tenneson

TEACHING EXPERIENCE

Online Program Director, Applied Biology & Allied Health 2023 – present
Evangel University, College of Online Learning

Adjunct Professor of Biology 2019 – 2023
Evangel University, College of Online Learning / Natural & Applied Sciences Department

- Biological Science Lecture; seated & online* (BIOL 101 | GSCA 118 | BIOA 101)
- Biological Science Lab; seated & online* (BIOL 101 | BIOA 101)

High School Science Teacher 2018 – 2022
Gloria Deo Academy, Springfield, MO

- Biology (9th grade)
- Chemistry (10th grade)
- Anatomy & Physiology (11th & 12th grade)
- Advanced Chemistry (11th & 12th grade)

Graduate Teaching Assistant 2013 – 2015
Missouri State University, Springfield, MO

- BIO 111 – Biology Lab. (General Education)

Laboratory Assistant 2009 – 2012
Evangel University, Springfield, MO

- BIOL 101 – Biological Science. (Fall 2009, Summer 2010)
- BIOL 201 – Zoology. (Spring 2011, 2012)
- BIOL 202 – Botany. (Fall 2010, 2011)
- CHEM 111 – General Chemistry I Lab. (Fall 2009, Summer 2010)
- CHEM 112 – General Chemistry II Lab. (Spring, Summer 2010)

PRESENTATIONS

Tenneson, M. & **Rudolph, L.** Strategies Supporting Culturally Competent Evolution Education. American Scientific Affiliation Annual Meeting. Point Loma Nazarene University, San Diego, CA. July 2022.

Rudolph, L. & Mathis, A. The effect of sex and population on the response of paedomorphic Oklahoma salamanders to predatory threat. Graduate Interdisciplinary Forum. Missouri State University, Springfield, MO. April 2015.

Rudolph, L. & Mathis, A. Variation in behavior of different populations and sex classes of paedomorphic Oklahoma salamanders, *Eurycea tynerensis*. Thesis presentation. Missouri State University, Springfield, MO. April 2015.

Rudolph, L. & Mathis, A. Response to predatory threat by different sex classes of Oklahoma Salamanders, *Eurycea tynerensis*. Missouri Herpetological Association Meeting. Bull Shoals, MO. September 2014.

INVITED PRESENTATIONS

Detection of chemical cues by the Oklahoma salamander (*Eurycea tynerensis*). Evangel University, Springfield, MO. April 2014 & September 2014.

Detection of chemical cues by the Oklahoma salamander (*Eurycea tynerensis*). Evangel University, Springfield, MO. April 2014.

HONORS AND AWARDS

Graduate Assistantship, Missouri State University. (2013-2015)

Summer Research Assistantship, Missouri State University. (2014)

Thesis Research Funding, Missouri State University. (2013)

Outstanding Biology Graduate, Evangel University. (2012)

PROFESSIONAL ASSOCIATIONS

American Scientific Affiliation (ASA)

INDUSTRY EXPERIENCE

Live Exhibits Lead Aquarist

July 2016 – Dec 2017

Bass Pro Shops, Springfield, MO

- Assist in training new team members; lead team members by example
- Assist supervisor with administrative tasks; update standard operating procedures as needed
- Perform all duties required of aquarists (see below)

Live Exhibits Aquarist

June 2015 – July 2016

Bass Pro Shops, Springfield, MO

- Maintain fish & reptile exhibits and life support systems
- Monitor animal health; prepare diets and feed animals; perform biopsies & identify health issues
- Test water quality and interpret results

OTHER SKILLS

Computer & Software

- Microsoft Office Suite – proficient in Word, Excel, PowerPoint, OneDrive
- Google Drive – Docs, Sheets, Slides
- Canvas – learning management system
- Achieve – Macmillan Learning online platform for virtual learning
- YNAB – budgeting software

Laboratory & Field Techniques

- Water quality testing/analysis
- Animal dissections, biopsies, & necropsies
- Open water SCUBA certified (PADI)
- Aquatic organism collection (sein/dip nets)