

**JULIE A. MAYNE**  
**CURRICULUM VITAE**

Evangel University  
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**EDUCATION**

**Edd Curriculum and Instruction**

December 2021  
Liberty University, Lynchburg, Virginia  
Applied Research: Recommendations for Improving Students' Understanding of  
the Compatibility of Scientific and Religious Knowledge at Evangel University

**MS Biology**

May 2001  
Missouri State University, Springfield, Missouri  
Thesis: "Factors Influencing Students' Acceptance of Evolution"  
Emphasis on Science Education

**BS Biology**

May 1997  
Evangel University, Springfield, Missouri  
Major: Biology; Minor: Chemistry

**WORK EXPERIENCE**

**Associate Professor** Fall 2019-present  
Department of Natural and Applied Sciences  
Evangel University, Springfield, Missouri

**Instructor** Fall 2014-Spring 2019  
Department of Natural and Applied Sciences  
Adult and Graduate Studies, James River College, TUG  
Evangel University, Springfield, Missouri

**TEACHING EXPERIENCE**

**Senior Seminar** Fall 2025-present  
*Evangel University, Springfield, Missouri*

**Earth Science** Spring 2023-present  
*Evangel University, Springfield, Missouri*

**History and Philosophy of Science***Evangel University, Springfield, Missouri*

Spring 2021-present

**Instructional Methods in Science***Evangel University, Springfield, Missouri*

Spring 2021-present

**Secondary Biology Education MoCA Prep Course (Online)***Evangel University, Springfield, Missouri*

Spring 2022-present

**University Seminar***Evangel University, Springfield, Missouri*

Fall 2020-present

**Botany Lecture and Lab***Evangel University, Springfield, Missouri*

Fall 2019-present

**Biology***Evangel University, Springfield, Missouri*

- Adult Studies Online Spring 2018-2021
- Traditional Undergraduate Seated Spring 2017-present
- Adult Studies Online Accelerated Spring 2018
- Adult Studies Seated Fall 2014-Fall 2017

**Biology Lab***Evangel University, Springfield, Missouri*

- Traditional Undergraduate Seated Spring 2017-present
- Adult Studies Online Accelerated Spring 2018

**Physical Science***Evangel University, Springfield, Missouri*

- Traditional Undergraduate Seated Fall 2015-present
- Traditional Undergraduate Online Summer 2020, 2021, 2023-2025

**Physical Science Lab***Evangel University, Springfield, Missouri*

- Traditional Undergraduate Seated Fall 2015-present
- Traditional Undergraduate Online Summer 2020, 2021, 2023-2025

**Biology Instructor***Evangel University, Springfield, Missouri*

Spring 2003

**Genetics Lab Teaching Assistant***Missouri State University, Springfield, Missouri*

Spring 2001

**Biology Lab Teaching Assistant**  
*Missouri State University, Springfield, Missouri*

Spring, Summer, Fall 2000

## RESEARCH EXPERIENCE

“A Comparison of Factors Influencing Acceptance of Evolution Among Biology Majors in 2000 and 2023.” Julie Mayne, Georgianna Saunders, and Taylor Alicea, 2023.

“Recommendations for Improving Students’ Understanding of the Compatibility of Scientific and Religious Knowledge at Evangel University.” Applied research, EdD Capstone Project, *Liberty University, Lynchburg, Virginia*, 2021.

“The Deciding Truth Scale: How Christian college students determine the veracity of propositions.” Worked with first author, Mike Tenneson, Department of Natural and Applied Sciences, Evangel University, 2018-2019.

“Factors Influencing Students’ Acceptance of Evolution.” Master’s thesis. Advisor: Georgianna Saunders, Missouri State University, 1999-2001.

Qualitative analysis of students’ attitude toward evolution as a graduate research assistant with advisor, Dr. Georgianna Saunders, Missouri State University, 1999.

## FACULTY MENTOR FOR STUDENT RESEARCH

“Effects of Water Contamination on Plant Growth,” Gianna Antonacci, Gracie Glynn, Camiel Hilton, and Rees McCullough, Fall 2025.

“The Effects of Pruning Leaves on Mum Plants,” Abraham Kretchman, McKenzie Calhoun, and Kadence Oehlschlager, Fall 2025

“The Effects of pH on Growth of Lima Beans,” Braden Blake and Andre Sobey, Fall 2025.

“The Effect of Seed Treatment on Germination,” Ryan Ellis, Allyson Krueger, Daeun Lee, and Claire Melchior, Fall 2025.

“Comparison of the Effectiveness of Natural Antifungal Treatments to Over-the-Counter Treatments,” Alexa-Marie Campbell, Makayla Gilbreth, and Broc Smith, Presented as a poster at EU Research Symposium, April 2024.

“The Impact on Health and Height of Snow Peas in Coffee-infused Soil,” Mya Biagini and Kateryn Rodriguez-Gonzalez, Fall 2024. Presented as a poster at EU Research Symposium, April 2025.

“Effect of Crop Species on Percentage of Nitrogen and Carbon in Soil,” Breanna Davidson and Emily Harris, Fall 2024.

“The Effects of Soil Salinity on Plant Growth in Barley,” Lauren Dill, Fall 2024.

“The Effect of Light Environment on Spider Plants Growth,” Maddeline Peters, Holly Maseman, and Danielle Roberts, Fall 2024.

“The Effect of UV-B Radiation and Benzene on Calcium Oxalate present in *Zantedeschia aethiopica*,” Keaton Howe and Sarah Boyd, Fall 2024.

“The Effect of Non-Prescription Medication-Polluted Water on Plant Germination.” Micayla McClure, Reece Keller, Presented as a poster at EU Research Symposium, April 2023.

## **PRESENTATIONS**

“Peer Evaluations,” Evangel University Faculty Seminar, Springfield, MO, August 21, 2024. Co-presented with Dr. Michael Tenneson and Professor Erica Harris.

“A Comparison of Factors Influencing Acceptance of Evolution Among Biology Majors in 2000 and 2023.” Presented at the 2023 National Science Teachers Association Conference, Kansas City, MO, October 18, 2023 and at EU’s Research Symposium, Springfield, MO, April 17, 2024.

“Understanding Your Students and How They Learn,” Evangel University Faculty Seminar, Springfield, MO, August 18 and 19, 2023.

“The Conflict Between Faith and Science,” High Street Baptist Sunday School class, Springfield, MO, July 2 and 9, 2023.

“Recommendations for Improving Students’ Understanding of the Compatibility of Scientific and Religious Knowledge at Evangel University,” Evangel University Research Symposium, Springfield, MO, April 20, 2022.

“The Deciding Truth Scale: How Christian college students determine the veracity of propositions.” Michael Tenneson, Julie Mayne, and Amylee Brown. Oral presentation at the 2019 Annual Meeting of the Society for Pentecostal Studies, St. Louis Airport Marriott Hotel, St. Louis, MO, March 10, 2019.

## **CERTIFICATIONS**

Online Instructor Certification  
Evangel University, Springfield, Missouri

Fall 2017

DESE Biology Secondary Education  
Missouri Content Exam

June 2023

## UNIVERSITY COMMITTEES

Professional Development, Chair	2025-present
Academic Council, at-large member	2023-present
Valor One Committee	Sp 2024-present
Approval and Standards Committee (Ed'n Dept)	2023-present
Institutional Review Board	2021-present
Valor Scholars Interviewer	2020-present
Core Curriculum Committee	2021-2024
Adult and Graduate Studies Council	2020-April 2022

## OTHER FACULTY RESPONSIBILITIES

Sigma Zeta National Science and Mathematics Honor Society Advisor	F 2021-Sp 2023, F 2024-present
University Showcase DNAS representative	2020-present
Academic Advisor	2020-present
Science Liaison to Education Department	2020-present
DNAS Student Experience Co-coordinator	2020-present
Department Committee for Graduate Interviews	2020-present
Program Coordinator	
Applied Biology	2023-present
Biology	2021-present
Biology Education	2021-present

## INNOVATION

Program Development: MS Agriculture	Fall 2024
University Seminar revisions as a part of the Valor One/First-Year-Experience Committee	Spring 2024
Program Development: Applied Biology TUG major	Spring 2023
Track Development	
• Pre-Med Global Healthcare Track	Spring 2024
• BBA in Healthcare Management: Biology Track (in collaboration with Dr. Michelle Jacobs in the Business Dept)	Fall 2024
Program Revisions	
• Forensic Science minor revisions	Spring 2023, 2024
• Physical Science minor revisions	Spring 2023

## **New Courses Developed and Taught**

- Earth Science Lecture Spring 2023
- Earth Science Lab Spring 2023
- BIOL 448-4: Secondary Biology Ed MoCA Prep Spring 2022

**Course Proposal:** PHYS 110: Foundations of Physics Fall 2022

**Feasibility Study:** MS Physician Assistant Studies Summer 2022

**COL Blueprint Course Template** Summer 2022

## **GRANTS**

EU Innovation Grant: Proposal for development of a plan to create a MS Physician Assistant program within Evangel's DNAS department Summer 2022

## **MEMBERSHIPS**

National Science Teachers Association	2023-present
American Scientific Affiliation	2021-present
National Association of Biology Teachers	2019-present
Society of Pentecostal Studies	2019-2020

## **SEMINARS AND CONFERENCES**

National Science Teachers Association Conference, Kansas City	Oct 2023
Pre-Med Advisor Day, Kansas City Univ, Joplin	June 2019
Faith and Science Conference, Evangel University	Sept 2016
Faith and Science Conference, Evangel University	Summer 2014

## **COMMUNITY ENGAGEMENT**

Science Olympiad Judge, MSU, Springfield, MO February 2022, 2023, 2024  
"The Conflict Between Faith and Science," High Street Baptist Sunday School class, Springfield, MO, July 2 and 9, 2023.

Glendale High School Field Trip: Coordinated EU events for Glendale's Health Science students to tour Evangel and experience science labs March 2022 and April 2023