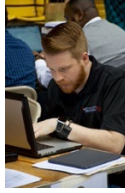


ALLAN W NOLAN



EDUCATION

- The University of Southern Mississippi, Hattiesburg, MS
 - *Doctorate of Philosophy in Science Education, Earth and Environmental Science*
 - August 2018
 - Dissertation – [The Effect of an Historical Geology Course on Students' Attitudes Towards Science and Their Knowledge of Deep Time as a Threshold to Their Knowledge of Evolution](#)

- Mississippi State University, Starkville, MS
 - *Master of Science in Geosciences*
 - 3.91 GPA
 - August 2013

- The University of Mississippi, University, MS
 - *Bachelor of Arts in Biology Education*
 - 3.86 GPA
 - August 2007

- Itawamba Community College, Fulton, MS
 - *Transfer to the University of Mississippi*
 - 3.89 GPA
 - May 2005

CERTIFICATIONS

Mississippi Educators License

- Class AA (valid through 6/30/2022)
- Biology (7-12) Endorsement
- STEM Endorsement
- IC3 Certified
- Blackboard Certified Instructor
- Canvas Trained Instructor
- Brightspace Trained Instructor

WORK HISTORY

- **General Science Faculty, Otero Junior College**
 - *Faculty Senate Chair*
 - October 2021 – Present
 - *Faculty Senate Vice-Chair*
 - August 2020 – October 2021
 - Historical Geology w/Lab, GEY 112
 - January 2022 – Present
 - Physical Geology w/Lab, GEY 111
 - August 2021 – Present
 - Science of Biology w/Lab, BIO 105
 - August 2018 – Present
 - General College Biology w/Lab, BIO 111
 - August 2018 – Present
 - Science in Society, SCI 105
 - August 2018 – Present
 - Planetary Astronomy w/Lab, AST 101
 - January 2019 – December 2019
 - General Oceanography w/Lab, GEY 216
 - August 2019 – May 2020
 - Biology: A Human Approach w/Lab, BIO 104
 - August 2019 – May 2020
 - Introduction to Chemistry I w/Lab, CHE 101
 - August 2018 – December 2018

- **State Director, Colorado Science Olympiad**
 - July 2019 – Present

- **Webmaster, Arkansas Valley Karate Club**
 - July 2019 – Present

- **Webmaster & Technical Consultant, Arkansas Valley Regional Science & Engineering Fair**
 - August 2018 – Present

- **Instructor of Record, University of Southern Mississippi**
 - Historical Geology, GLY 103
 - August 2015 – May 2017
 - Science for Elementary Teachers, SME 432
 - August 2017 – May 2018
 - Physical Geology, GLY 101
 - January 2018 – May 2018

- **Teaching Assistant, University of Southern Mississippi**

- Physical Geology Lab, GLY 101L
 - August 2015 – December 2017
- Historical Geology Lab, GLY 103L
 - August 2016 – May 2017

- **Assistant Director, Mississippi Science Olympiad**

- August 2014 – May 2018

- **Certified Teacher, Germantown Middle School, Madison, MS**

- **7th Grade Earth and Space Science**

- August 2007- May 2012

| | | |
|--------------------------------|---------------------------------|---|
| ▪ Electromagnetism | ▪ Waves | ▪ Astronomy |
| ▪ Hydrology and Fluid Dynamics | ▪ Plate Tectonics and Volcanism | ▪ Weather and Dynamic Pressure Patterns |

- **8th Grade STEM**

- August 2012 – May 2014

| | | |
|-------------------------------------|-------------------------|-------------------------|
| ▪ Blackboard/Canvas | ▪ Ethics | ▪ Technology Literacy |
| ▪ The Design Process | ▪ Emerging Technologies | ▪ Computer Aided Design |
| ▪ Sustainable Design and Technology | ▪ Power and Energy | ▪ Robotics Simulation |
| ▪ Financial Literacy | ▪ Workplace Skills | |

- **Yearbook Sponsor**

- 2007 – 2014

- **School-level Technology Facilitator**

- 2008 – 2014

- **Webmaster**

- 2012 – 2014

EXTRACURRICULAR SPONSORSHIPS

- Future Problems Solvers, Program International – Editor, Newsletter & Awards Ceremony

- 2014 – 2019

- National Science Olympiad – Assistant Event Supervisor

- 2015, 2016, 2019 – Fossils Division C
- 2017, 2018 – Rocks and Minerals Division C

- Department of Energy National Science Bowl Coach

- 2008, 2009, 2011, 2012 State Semifinalists
- 2010 State Champions

- Science Olympiad Coach– Ranked in the top three in individual categories 58 times since 2008.

- 2008 – First Place: Meteorology

- 2009 – First Place: Fossils
- 2010 – First Place: Bio Process Lab, General Science
- 2011 – First Place: Compute This, Disease Detectives, Experimental Design, Circuits, Math Manipulation
- 2012 – First Place: Dynamic Planet, Thermodynamics
- 2013 – State Champions; First Place: Experimental Design, Heredity, Thermodynamics, Shock Value
- 2014 – State Champions: First Place: Disease Detectives, Shock Value

ORGANIZATIONS

- Mississippi Educators Association
- National Educators Association
- Mississippi Science Teachers Association
- National Science Teachers Association
- National Association of Geoscience Teachers
- Geological Society of America

HONORS AND ACTIVITIES

- Charge Ahead Colorado Grant Recipient
 - August 2021
- USM Graduate Student Senate Representative
 - 2014 – 2015
- Recipient of 21st Century Classroom Grant
 - 2008
- Ole Miss Representative to NCATE
 - 2007
- Ole Miss Advisory Council
 - 2006
- Phi Theta Kappa
 - 2002 – 2007

SKILLS

- Computer operation and repair, both PC and Apple
- Interactive whiteboard and clicker setup and troubleshooting
- Website design using HTML or GUI
- Proficient in MS Office, iWork, and iLife suites.
- Basic networking
- Photo, video, and audio editing
- Interactive multimedia presentations
- E-book creation and publication
- A/V setup and troubleshooting
- 80+ wpm typing speeds
- LMS Proficiency
 - Blackboard
 - Canvas
 - Brightspace

PRESENTATIONS

- 2014 – Mississippi Educational Computing Association – *Creating eBooks of Student Writing*
- 2014 – Germantown Middle School – *Principal STEM Curriculum Overview*
- 2015 – Mississippi Science Teachers Association – *Elementary GLOBE*
- 2016 – USM Science Café – *Making North America*
- 2016 – Mississippi Science Teachers Association – *Mississippi Science Olympiad*
- 2017 – Hattiesburg Boy Scoutreach (Elementary) – *The Eye and its Dissection*
- 2017 – Hattiesburg Boy Scoutreach (Middle and High School) – *History of Life*
- 2017 – Hattiesburg Boy Scoutreach (Middle and High School) – *The Heart and its Dissection*
- 2018 – USM Darwin Day – *Myth-conceptions of Evolution*
- Center for Science and Mathematics – *History of Life*
 - 2015 – USM Haunted Biological Science Trail
 - 2017 – Darwin Day – Sumrall High School
 - 2017 – Darwin Day – Seminary High School
 - 2017 – Laurel Christian Home Educators – Middle and High School
 - 2017 – Purvis Upper Elementary – 5th Grade Gifted
 - 2017 – Pearl River Central High School

HOBBIES & INTERESTS

- Geocaching
- Martial Arts
- Electric Vehicle Enthusiast/Advocate
- Herping
- Fossil Hunting
- Hiking
- Dog Person
- Former Veterinary Technician (exotic pets)
- Best Buy Employee, Computers/Digital Imaging/Apple Master
 - 2005-2007, 2013-2021