Dean’s Office
Dean: Dr. Steve Cobb
Assistant: Carruth Kitrell
270.809.2888
201 Industry & Technology Center
scobb@murraystate.edu
www.murraystate.edu/cset
Assistant Dean: Dr. Kevin Revell
Assistant: Angela Guyton
270.809.6898
203 Industry & Technology Center
krevell@murraystate.edu

Dept of Biological Sciences
Chair: Dr. Claire Fuller
cfuller@murraystate.edu
Assistant: Debbie Plummer
270.809.2786 | 2112 Biology Building
Biology
Pre-Physician’s Assistant
Biomedical Sciences
Pre-Pharmacy
Pre-Medical/Pre-Dentistry
Pre-Optometry
Molecular Biology
Fisheries/Aquatic Biology
Pre-Physical Therapy
Wildlife and Conservation Biology

Dept of Chemistry
Chair: Dr. Harry Fannin
hfannin@murraystate.edu
Assistant: Gail Raspberry
270.809.2586
1201 Jesse D. Jones Hall
Chemistry ^
Pre-Medical/Pre-Dental
Forensics
Pre-MBA
Biochemistry
Pre-Pharmacy
Polymer and Materials Science

Dept of Geosciences
Chair: Dr. George Kipphut
gkipphut@murraystate.edu
Assistant: Sara Miller
270.809.2591
334 Blackburn Science Building
Geoscience
Geoarchaeology
Geographic Information Science
Earth Science
Environmental Geology

Dept of Mathematics & Statistics
Chair: Dr. Ed Thome
ethome@murraystate.edu
Assistant: Susanne D'Angelo
270.809.2488
157 Industry & Technology Center
Mathematics
Applied Mathematics
Pre-MBA

Dept of Occupational Safety & Health
Chair: Dr. Gary Morris
gmorris1@murraystate.edu
Assistant: Amy Henson-Byars
270.809.2272

Hancock Biological Station
Director: Dr. David White
dwhite@murraystate.edu
Assistant: Gerry Harris
157 Industry & Technology Center

Kentucky Safety & Health Network (KSHN)
Math Club
Pre-Health Professionals Club
Reptile & Amphibian Society
Rho Sigma Kappa
Semiconductor Environmental Safety & Health Association (SESHA)

MURRAY STATE UNIVERSITY CAREER SERVICES
100 Oakley Applied Science | 270.809.3735 | msu.hirearacer@murraystate.edu | murraystate.edu/hirearacer
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Student Organizations
American Industrial Hygiene Association
American Society of Safety Engineers (ASSE)
Human Factors & Ergonomic Society (HFES)
Institute of Electrical & Electronics Engineers (IEEE)
International Ergonomic Association (IEA)

Society of Women Engineers
Student Members of the American Chemical Society (SMACS)
Tri-Beta Biological Honor’s Society
Wildlife & Fisheries Society

Fact Sheet
Jesse D. Jones College of Science, Engineering & Technology

Institute of Engineering
Chair: Dr. Danny Claiborne
dclaiborne@murraystate.edu
Assistant: Diane Thiede
270.809.2393
131 Blackburn Science Building
Engineering Physics *
– Biomedical Engineering
– Electrical Engineering
– Mechanical Engineering
Physics
Applied Physics
Engineering Technology
Architectural Engineering Technology
Civil Engineering Technology **
Construction Engineering Technology **
Electromechanical Engineering Technology
Environmental Engineering Technology
Industrial Technology and Design
Engineering Graphics and Design
Manufacturing Technology
Interior Design ~
Telecommunications Systems Management

Hancock Biological Station
Director: Dr. Howard Whiteman
hwhiteman@murraystate.edu

Accreditations
* Engineering Accreditation Commission of ABET (EAC/ABET)
** Technology Accreditation Commission of ABET (TAC/ABET)
† Applied Science Accreditation Commission of ABET (ASAC/ABET)
^ American Chemical Society
~ National Kitchen and Bath Association
Noted Projects

**Wildlife and Conservation Biology** students participate annually in the Wildlife Society’s Quiz Bowl competition, and annual event that highlights the best students nationwide.

**Occupational Safety & Health** students will take part in a study abroad experience in Argentina during the 2015-2016 winter break.

**Occupational Safety & Health** students have participated in ongoing research with Dr. Gary Morris, characterizing noise exposure on nuclear powered aircraft carriers. Their work was the featured cover article in the June 2015 issue of the journal Professional Safety.

**Mathematics** students routinely participate in research activities with department faculty on a variety of topics. They present their results at statewide and national meetings, and often work with industrial partners on practical projects.

**Chemistry** professors Miller, Johnson, and Allenbaugh have secured funds from the NSF for the acquisition of a Dynamic Mechanical Analyzer. Students now have access to this instrument and are using it to study the viscoelastic properties of polymers and other novel materials.

MSU’s **Engineering Physics** students had a 100% pass rate on the national Fundamentals of Engineering exam in 2015. This marks the third time in the last four years that all students sitting for the exam have passed, and the cumulative success rate is well above the national average.

All **Archaeology** students participate in an experiential learning opportunity in the practical aspects of field and laboratory work.

All **Geoscience** students have experience with modern GIS software packages that they will use as professionals after graduation.

Research Funding

MSU has been awarded grants from the following organizations:

- National Science Foundation
- National Institutes of Health
- Environmental Protection Agency
- NASA Kentucky Space Grant Consortium
- Kentucky Department of Fish & Wildlife
- US Department of Fish & Wildlife
- US Geological Survey
- KY Water Resources Research Institute
- KY Biomedical Research Infrastructure Network
- National Institute for Occupational Safety & Health

Test Drive a Racer

Murray State provides:
- An outstanding junior or senior summer intern
- Salary for summer intern
- Publicity for your firm/agency

Partner firm/agency provides
- 8 - 10 week professional experience
- Internship opportunity
- Valuable practical skill development

Participating Majors

- Biology – Institute of Engineering
- Chemistry – Mathematics
- Geosciences – Occupational Safety & Health

MSU community members gather alongside Gov. Steve Beshear to break ground on the Jesse D. Jones College of Science, Engineering & Technology’s new building on April 10, 2015.

OSHA major, Josh Reed, uses his training at an off site plant location.