FACULTY RESEARCH/ AREAS OF INTEREST
• Biofuels
• Immunology
• Molecular Biology
• Infectious Disease
• Bioremediation/Ecology
• Environmental Microbiology

STUDENTS STUDY
• Biomedicine
• Microbial Ecology
• Molecular Genetics
• Microbial Pathogenesis
• Medical Lab-100% employability

UNDERGRADUATE AWARDS
• MMG Outstanding Undergraduate Researcher
• MMG Outstanding Senior Award

THE CURRICULUM
The department offers two degree options: Microbiology/Cell and Molecular Biology and Medical Laboratory Science.

MICROBIOLOGY IS THE STUDY OF BACTERIA, VIRUSES, FUNGI AND PROTOZOA AND THEIR MANY RELATIONSHIPS TO HUMANS, ANIMALS AND PLANTS.

Faculty Research funded by:
• National Institute of Health
• National Research Council
• Cystic Fibrosis Foundation
• Department of Defense
• American Heart Association
• Department of Energy
• National Science Foundation

MICROBIOLOGY AND MOLECULAR GENETICS
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Fax: 405.744.6790
Email: microbiology@okstate.edu
Visit our website at http://microbiology.okstate.edu
**OPPORTUNITIES FOR FUTURE STUDENTS**

- Research opportunities starting freshman year with opportunities to present at conferences
- Microbiology Club
- Student Chapter of the American Society for Microbiology
- OK-Louis Stokes Alliance for Minority Participation (LSAMP) Symposium Presentation

**SCHOLARSHIPS**

- Wentz Scholarship
- Niblack Research Scholarships
- Life Sciences Freshman Research Scholarship
- Freshman Research Scholarship

**COURSES** in the Department of Microbiology and Molecular Genetics are designed to provide comprehensive training in microbiology and molecular biology and the skills required for working with microorganisms that span the spectrum of microbial life. In addition to the B.S. degree, the Department offers graduate studies leading to the M.S. and Ph.D. degrees.

**CAREERS** Students interested in careers in microbiology should have broad interests in the biological sciences and an aptitude for biology and chemistry. For some areas of specialization, an aptitude for mathematics and physics is also essential.

**RECENT GRADUATES**

- Various Healthcare Careers and Programs including: Medical School, Veterinary School, Dental School, Professional Schools (Ph.D., M.S.)
- Law School
- Medical Laboratory Scientist
- Bacteriologist
- Forensics
- Genetics Counselor
- Food and Safety Technology
- Oil and Gas Industry
- Biofuel Industry
- Medical Lab Specialist