

College of Arts and Sciences

Microbiology and Molecular Genetics

Industries

- hospitals and medical centers
- clinical laboratories
- public health departments
- biotech companies
- pharmaceutical companies
- contract research organizations
- food manufacturing companies
- quality assurance firms
- breweries and distilleries
- environmental consulting firms
- waste management companies
- government agencies
- universities and research institution
- agricultural research organizations
- biopesticide and biofertilizer companies
- forensic laboratories
- law enforcement agencies
- cosmetic companies
- research and development firms
- genetic counseling services
- agricultural biotechnology firms
- environmental organizations
- animal breeding companies

Job Titles

- microbiologist
- quality control analyst
- immunologist
- medical laboratory technologist
- infection control specialist
- public health microbiologist
- pharmaceutical sales representative
- biotech research scientist
- pharmaceutical microbiologist
- environmental microbiologist
- microbial ecologist
- water quality technician
- environmental consultant
- food microbiologist
- safety and compliance officer
- forensic scientist
- biomanufacturing technician
- pathologist
- molecular geneticist
- cell biologist
- genomic data analyst
- clinical geneticist
- genetic counselor
- clinical laboratory technologist
- biorepository manager
- biomanufacturing technician
- plant geneticist
- animal geneticist
- environmental geneticist
- agricultural biotechnologist
- computational biologist

Professional Organizations

- American Society for Microbiology (ASM)
- American Society for Cell Biology (ASCB)
- Genetics Society of America (GSA)
- Society for Molecular Biology and Evolution (SMBE)
- Federation of American Societies for Experimental Biology (FASEB)
- American Society of Biochemistry and Molecular Biology
- Society for Industrial Microbiology and Biotechnology