

# Miami University



Southwest Ohio Regional Transfer Summit, October 26, 2018

# Oxford Campus

## Tuition, fees, and scholarship opportunities

### OHIO RESIDENTS

Tuition (Instructional Fee & General Fee): \$15,379

Housing and Meals (Room & Board): \$ 13,860\*

Total: \$29,239

### NON-OHIO RESIDENTS

Tuition (Instructional Fee & General Fee): \$34,895

Housing and Meals (Room & Board): \$13,860\*

Total: \$48,755



## TRANSFER SCHOLARSHIPS

### OHIO RESIDENTS

\$1,500-\$10,000  
per year (renewable)

### NON-OHIO RESIDENTS

\$2,000-\$15,000  
per year (renewable)

### CONSIDERATIONS INCLUDE:

- Articulation agreements
- Associate degree earned
- Cumulative GPA
- Financial need (determined by the FAFSA)
- Honors program participation at previous institution
- Number of college-level credit hours earned
- Phi Theta Kappa membership
- Rigor of coursework

Additional scholarships may be awarded for factors including diversity, audition, portfolio, intended area of academic interest, and athletic ability.

# Science Undergraduate Majors (Oxford)

- Biochemistry
- Biological Physics
- Biology
- Botany
- Chemistry
- Earth Science
- Environmental Earth Science

# Department of Biology

- 35 Faculty spanning a wide range of expertise in Biology
- Molecular Biology & Genetics, Neuroscience, Ecology & Evolution, Plant Biology
- 1,100 Undergraduate Majors – BA and BS in Biology, Botany, Zoology
- 75 Graduate Students – MS and PhD in Biology, Botany & Interdepartmental Programs
- Project Dragonfly – MA and MAT in Biology for Zoo Professionals and K-12 Teachers



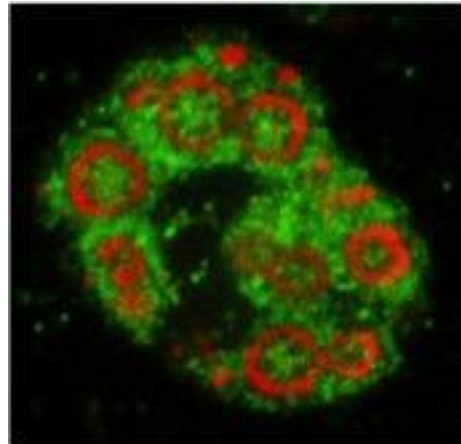
# Department of Biology

- Placement rate is 97% for employment and graduate/professional schools
- Careers in health, biotechnology, resource management & conservation, plant science
- Over 70% of undergraduates gain research experiences
- Outstanding laboratory facilities and equipment for teaching and research
- Internationally recognized faculty



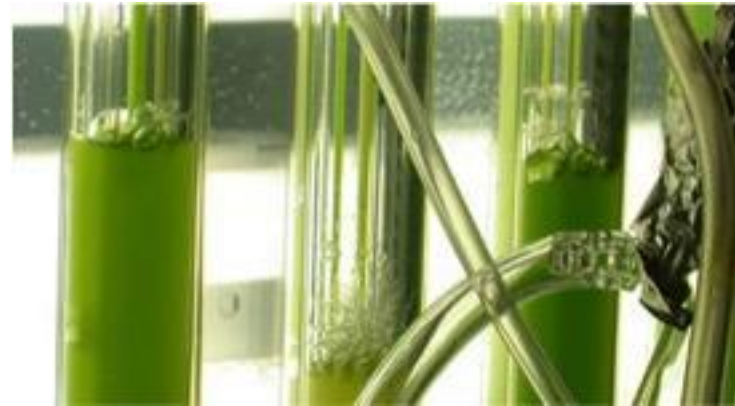
# Department of Microbiology

- 16 Faculty spanning a wide range of expertise in Microbiology
- Microbial Pathogenesis, Environmental Microbiology, and Molecular Microbiology
- 196 Undergraduate Majors – AB & BS in Microbiology, BS in Medical Laboratory Science, AB in Public Health – Human Disease & Epidemiology
- 24 Graduate Students – MS and PhD in Microbiology



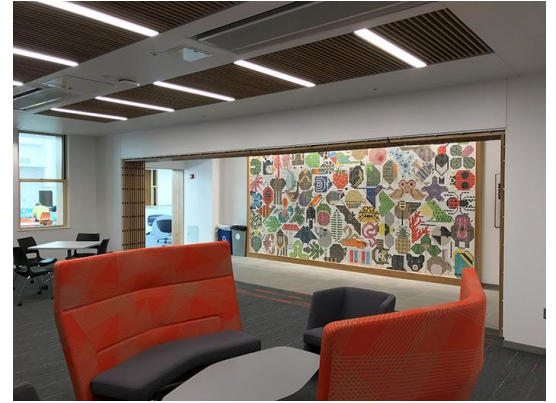
# Department of Microbiology

- Placement rate is 97% for employment and graduate/professional schools
- Careers in clinical microbiology, environmental and biomedical research
- Over 60% of undergraduates gain research experiences in a faculty member's lab
- Outstanding laboratory facilities and equipment for teaching and research
- Internationally-recognized, externally-funded faculty



# Pearson Hall Renovation

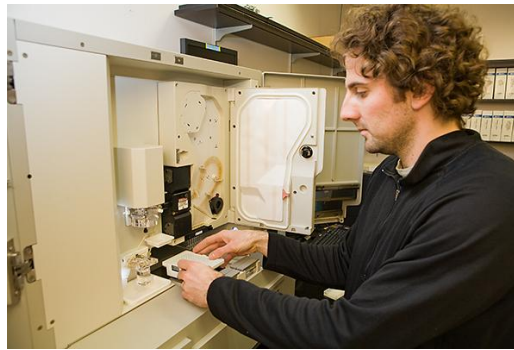
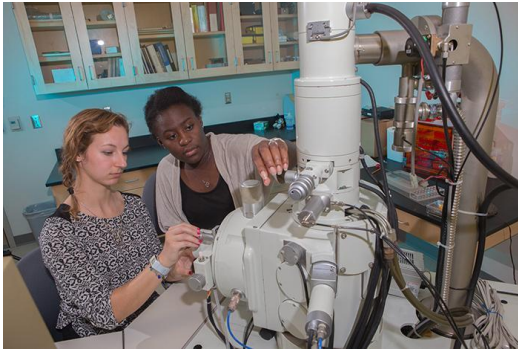
- Departments of Biology and Microbiology
- New flexible teaching and research labs
- More open, collaborative environment
- Student study spaces





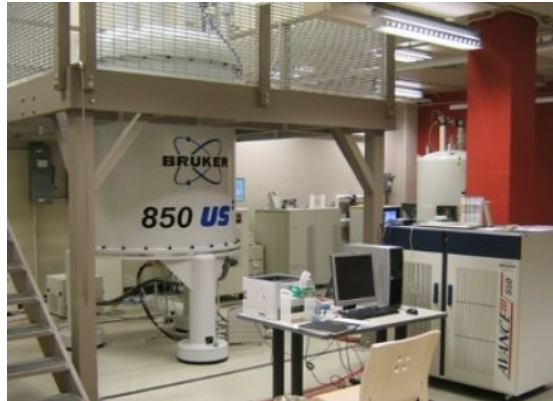
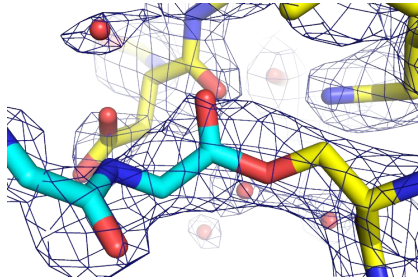
# College of Arts and Science Facilities

- Center for Advanced Microscopy and Imaging
- Center for Bioinformatics and Functional Genomics
- Ecology Research Center
- Mallory-Wilson Center for Healthcare Education



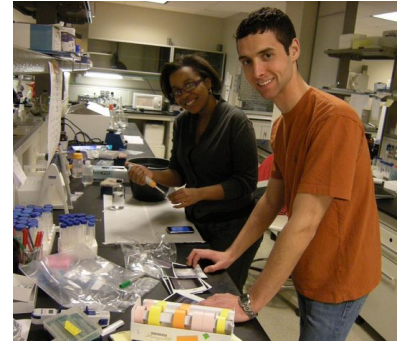
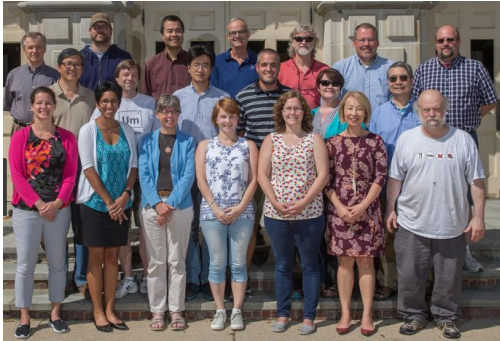
# Department of Chemistry and Biochemistry

- 24 Faculty spanning a wide range of expertise in Chemistry and Biochemistry
- Analytical, Biochemistry, Chemistry Education Research, Inorganic, Organic, Physical
- 365 Undergraduate Majors – BA and BS in Chemistry or Biochemistry
- 55 Graduate Students – MS and PhD in Chemistry



# Department of Chemistry and Biochemistry

- Placement rate is 97% for employment and graduate/professional schools
- Careers in health, industry, law, government labs
- Over 85% of undergraduates gain research experiences
- Outstanding laboratory facilities and equipment for teaching and research
- Internationally-recognized, externally-funded faculty



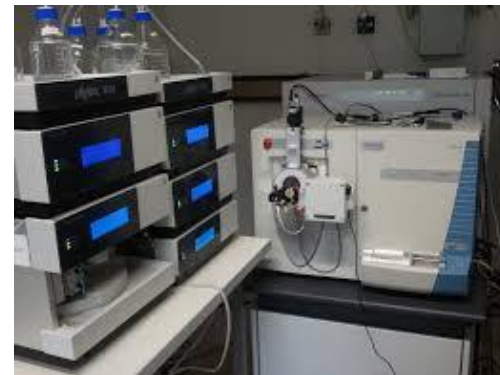
# Hughes Laboratories

- Newly-renovated classrooms and teaching labs
- New instrumentation (Orbitrap, pulsed EPR)
- Student study spaces



# College of Arts and Science Facilities

- Center for Chemistry Education
- High Field Magnetic Resonance Laboratory
- Molecular Microspectroscopy Laboratory
- Ohio Advanced EPR Laboratory



# Miami Regionals Tuition & Scholarships

## Tuition

- \$2940 per semester for 12 hours and above
- Tuition promise for new Miami students beginning with the 2018 cohort
- \$245 per credit hour for less than 12 hours

## Miami Regionals Transfer Scholarship Scores and Award Ranges

Average Transfer GPA (4.0 GPA)	1st Year Scholarship Award Range	Maximum Undergraduate Award Total
3.0-3.24	\$500-\$1000	Up to \$3000
3.25-3.49	\$750-\$1500	Up to \$3500
3.5-4.0	\$1000-\$2000	Up to \$4000

# Science Undergraduate Majors (Regionals)

- Applied Biology
- Forensic Science & Investigation
- Nursing



# Biology at Miami Regionals

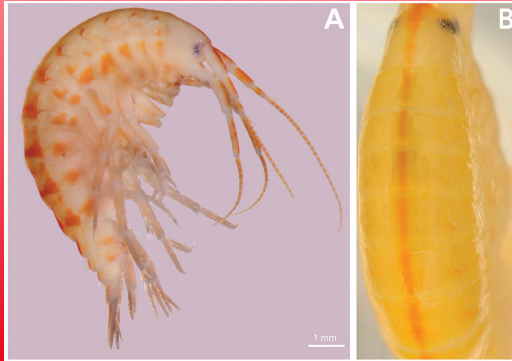
- 13 fulltime biologists
- Faculty research in Evolution & Conservation; Cell & Molecular Biology; Microbiology
- New BS in Applied Biology
- Extensive research opportunities for undergraduates





# BS in Applied Biology

- Open and affordable access to STEM education for the residents of southwest Ohio
- Pathway for diverse students to obtain STEM degree without relocation to Oxford
- Focused on the practical uses of basic biological information
- Two concentrations: Environmental Biology; Human Biology & Health Sciences
- Completion of “tools” requirement and job certifications
- Offered entirely on the regional campuses



# Bachelor of Science in Forensic Science & Investigation

## Two Majors

- **Forensic Science**  
Science-focused with application to forensics
- **Forensic Investigation**  
Emphasis on investigative techniques & policing



# Forensic Science

## Required Coursework

- 25 credit hours of chemistry, including general, organic, and analytical
- 16 credit hours of biology and microbiology
- 9 credit hours of math and statistics
- 8 credit hours of physics
- 15 credit hours of criminal justice courses

# Forensic Science

## Employment Opportunities for Forensic Science Graduates

- **Forensic Criminal Investigation Laboratories**
  - **Hamilton County Coroner's Office Crime Lab**
  - **Miami Valley Regional Crime Lab**
  - **Ohio Bureau of Criminal Investigation Labs (BCI)**
  - **U.S. Food & Drug Administration - Forensic Chemistry Center**
- **Chemistry, Biochemistry, Biology Lab Technician**

## Student Internship Opportunities

**Miami Valley Regional Crime Lab**

**competitive, unpaid, 10-week summer position**

## Miami University's Forensic Science Advisory Council

**Mike Trimpe - Director, Hamilton Co. Crime Lab**

**Tracy Sundermeier - DNA Analyst, Hamilton Co. Crime Lab**

**Dr. Adam Lanzarotta - Chemist, Trace Examination Section**

**U.S. FDA – Forensic Chemistry Center**