



# FIRE: THE FIRST-YEAR INNOVATION & RESEARCH EXPERIENCE





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FIRE provides first-year students authentic research experience, broad mentorship and institutional connections that impact academic success, personal resilience and professional development.

## Natural Sciences Streams

- Antibiotic Resistance
- Environmental Pathogens
- Found In Translation
- Once and Future Planet
- Terrapin Genome Project
- Transgenerational Brain Initiative

## Behavioral & Social Sciences Streams

- Addiction Science
- Animal and Human Relationships
- Sustainability Analytics
- Risk Communication & Resilience

## Engineering Streams

- Autonomous Unmanned Systems

## Program Fast Facts

- > 400 Students in 2015-16
- > 11 Innovation & Research Streams

## Why would you want to join FIRE?

**Degree Relevance:** First-year courses will take on new life when paired with faculty-led research. Not sure of your major or joining UMD in Letters & Sciences? FIRE provides perspective and experiences that will allow you to explore multiple academic and professional career path options.

**General Education Credit:** FIRE curricular credits have been designed to be portable across all majors.

**Broad Mentorship:** Experience academic, personal and professional support from peer mentors and faculty members affiliated with every FIRE innovation & research stream.

**Accelerated Opportunity:** FIRE builds skills and faculty relationships that will advance your qualification for competitive internships, research opportunities and post-graduation professional positions.

**Developed Resilience:** University-level research is challenging. Learn to handle unexpected setback in an environment where you will have the mentorship to evaluate, diagnose, recover and succeed.

**Meaningful Social Network:** Find your friends and build lasting relationships.

Our dedicated faculty and staff are committed to your success, serving as indispensable resources for you during your time at UMD and beyond. You will earn General Education credit for FIRE courses and gain preparation for future research and accelerated professional development opportunities.

Please read more about the program and academic credit earned for participation at: <http://fire.umd.edu/>



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video: <http://fire.umd.edu/video>