



## **FYRE Program Detailed Information for Spring 2010:** **RESEARCH OPPORTUNITIES in STEM Areas**

**The First Year Research Experience (FYRE)** program provides first year students with opportunities to engage in research and to establish early contact with faculty mentors. Multiple tracks are offered to accommodate multiple disciplines and to provide flexibility for students. In addition, all tracks require students to engage in common seminar/workshop experiences, and participate in the Annual Undergraduate Research Forum sponsored by the Office for the Advancement of Research and Scholarship (OARS).

**(1) FYRE STEM:** *This option allows students to participate in an ongoing research project. Awards range from \$100-\$200, and will be disbursed to the faculty sponsor. Students will identify a faculty member in Science, Technology, Engineering and Math departments to serve as hosts/sponsors.*

**(2) FYRE RESEARCH SHADOWING.** *This option allows students to experience the research environment without fully participating in an ongoing project. Awards range from \$100-\$200, and will be disbursed to the faculty sponsor.*

**(3) FYRE TEAM RESEARCH** *This option allows teams of students to conduct a student-led team research project during the academic year. Awards range from \$500-\$1,000). First year students are invited to interview / current teams. View current team projects at:*  
[http://www.muohio.edu/oars/undergrad\\_research/first\\_year\\_research\\_experience/fyre\\_std-team-info.php](http://www.muohio.edu/oars/undergrad_research/first_year_research_experience/fyre_std-team-info.php)

**How Do Students Get Involved?** Students interested in applying to the FYRE Spring Program will:

- 1) Read faculty project summaries on the web at:  
[http://www.muohio.edu/oars/undergrad\\_research/first\\_year\\_research\\_experience/fyre\\_info.php](http://www.muohio.edu/oars/undergrad_research/first_year_research_experience/fyre_info.php)  
There may be additional faculty willing to work with you on a FYRE project. Visit departmental advisors and interview faculty about their projects.
- 2) Interview at least one faculty member of your choosing and briefly summarize (100-150 words on the FYRE application form) the reasons for choosing the lab (e.g. your interest in the topic, relevance to your career aspirations etc). Conduct interviews between Nov 1, 2009 and Jan 20, 2010.
- 3) Submit a completed application by January 20, 2010.  
If the faculty member agrees to work with you, have them sign the FYRE application form and then submit it by January 20, 2010 to Martha Weber Undergraduate Research Coordinator in the Office for the Advancement of Research and Scholarship
- 4) Agree to terms of the award guidelines which include:

**# 1 Laboratory Research Involvement:** As a FYRE scholar, you will be involved in laboratory research projects during the Fall and Spring terms. Students in the FYRE-STEM and FYRE Team Research Projects tracks will sign up for at least one credit hour of independent study in their respective departments. A credit hour is equivalent to about 3-5 hours of lab/research work. Please consult with your faculty mentor; these requirements will vary by department.

**# 2 Attendance at Seminars and Workshops:** In addition to the lab experience, the FYRE program aims to foster the development of a community of student researchers/ scholars within the first year experience who socialize and collaborate together. Several enrichment opportunities will be offered in the form of seminars and workshops. These offerings will qualify for one credit hour of independent study in the department of your major.