

Attention First Year Science Majors: EXPLORE RESEARCH OPORTUNITIES

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. Four 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 URO (Faculty \$300 award; Student Book award: \$300)

This option allows students to work with a faculty sponsor on a research project for 6-8 hours a week. In addition, they attend weekly/bi-weekly training workshops. This is an academic year long commitment; interested students should contact dixonlj@muohio.edu no later than August 31, 2009.

(2) 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.*

(3) 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.*

4. FYRE TEAM RESEARCH *This option allows teams of students to conduct a research project during the academic year. Awards range from \$500-\$1,000). Maximum number of students per team is 6; at least 2 members must be first year students.*

Students interested in applying for these programs will

- Interview at least two faculty members of their choosing and briefly summarize the reasons for choosing the lab (e.g. interest in the topic, relevance to career aspirations etc). Each description should be 100-150 words.
- Team Research Groups will develop a one page proposal including, goals, background and significance, project design, and expected outcomes for a single project. The responsibilities of each team member should be clearly stated.
- Agree to terms of the award guidelines
- Submit a completed application by Monday September 21 (Office for the Advancement of Research and Scholarship, 102 Roudebush)

TimeLine:

Obtain information about faculty research projects (August 24- September 11)

www.muohio.edu/undergradresearch

- Visit departments and peruse research posters in the hallways outside the research labs.
- Attend Undergraduate Research Information Fair (September 8, 2009 (noon-2:00 pm (Shriver MPR-A).
- Interview two faculty members
- Develop Proposals/Applications (September 11-21)
- Submit Completed Proposal/Application to: Office for the Advancement of Research and Scholarship, 102 Roudebush). *Application available at: www.muohio.edu/undergradresearch*

For information, contact Martha Weber weberme@muohio.edu

FYRE 2009 – APPLICATION FORM

Miami University First Year Research Experience (FYRE) Program

First, read all information carefully (at <http://www.muohio.edu/undergradresearch>). **Second**, choose the type of research experience you are interested in and interview at least two faculty members of your choosing (August 24 – September 11). **Third**, complete and submit this application to OARS (Office for the Advancement of Research and Scholarship), 102 Roudebush by September 21, 2009 at 5:00 PM.

OARS Program Contact: Martha Weber (weberme@muohio.edu)

Choose: FYRE STEM
 FYRE Research Shadowing
 FYRE Team Research

Student Name:

Banner ID#:

E-mail Address:

Local Phone:

Major:

Please read and sign below:

I have read the guidelines for the FYRE Program and agree to set aside 4-6 hours of research per week and participate in a seminar and workshops for the 2009-2010 academic year.

Student Signature

Date

First Faculty Member Signature

Date

Second Faculty Member Signature *Date*
(FYRE STEM and FYRE Research Shadowing Only)

For FYRE STEM and FYRE Research Shadowing

Name of First Faculty Member Interviewed:

Briefly summarize the reasons for choosing this lab (e.g. interest in the topic, relevance to career aspirations etc). Each description should be 100-150 words.

Name of Second Faculty Member Interviewed:

Briefly summarize the reasons for choosing this lab (e.g. interest in the topic, relevance to career aspirations etc). Each description should be 100-150 words.

For Team Research

Name of Faculty Member:

Please provide a one-page proposal including goals, background and significance, project design, and expected outcomes for a single project.