



University of Missouri Research Reactor Research Fellowship Award (MURFA) Application Procedures

Purpose

As part of the MURR Center's Research Mission to provide leverage for the expertise and talents resident in other departments, colleges and institutions throughout the University System, MURR supports a broad spectrum of basic and applied research in science and engineering. This research is conducted at partnering departments within the University as well as at MURR itself. Our focus on interdisciplinary research and development contributes to the University's educational mission by providing a wide range of research and training opportunities for postgraduate, graduate and undergraduate students. An important goal of this program is to support interdisciplinary research programs and advance the education of future scientists in these identified areas of research.

The objective of the MURR Research Fellowship Award (MURFA) is to encourage the training and development of young scientists in areas of strategic interest to MURR and the University by providing financial support to talented students to enter a period of study and research in the areas relating to any of the following fields: Radiochemistry, Cancer Bioscience and Biotechnology, Trace Element Research, Biological Physics, and Materials Science. This program facilitates opportunities for graduate students to gain practical research experience with MURR Investigators and researchers at the University of Missouri campuses (Columbia, Rolla, Kansas City and St. Louis) and other colleges, universities and institutes in the USA.

Program Description and Eligibility

The MURR Research Fellowship Award (MURFA) program supports pre-doctoral fellows in research areas of strategic interest to MURR. These programs will provide support for tuition and stipend for **graduate students of MURR Investigators** across campus in multidisciplinary research including: Radiochemistry, Cancer Bioscience and Biotechnology, Trace Element Research, Biological Physics, and Materials Science. An important goal of this program is to support interdisciplinary research programs and advance the education of future scientists in these identified areas of research.

Graduate students must be enrolled at MU and planning full-time, uninterrupted study toward a PhD degree in one of the identified areas of emphasis for MURR research. Students must be post comprehensive exam and have identified a MURR Investigator as a research mentor.

Support of this fellowship is limited to two years and must be renewed each year. Duration of the award is affected by the status of awardees and projected availability of funds. Renewal of the fellowship each year is based on the submission of a renewal application that demonstrates excellent academic progress and research consistent the MURR's goals in basic research.

Funding requests may not exceed \$15,000 per year. A new application can describe work to be performed over a period not to exceed three years, but approval for funding will be granted one year at a time.

Application Submission and Selection Process

The application process is coordinated by the Administrative Assistant for MURR Research and Education. Applications will be considered once each year, with a submittal deadline of **July 17**. The application should be according to the format that follows and submitted to:

Shawna Rye, MURR Administrative Assistant
University of Missouri Research Reactor Center
Research Park
Columbia, MO 65211-3400
(573) 882-5235
ryes@missouri.edu

Review Criteria

Prospective fellow is author of application

Qualifications of applicant, including applicant's potential for research career, academic record and need for training

Scientific merit of proposed studies

The fellowship application will be evaluated by the MURR Research Advisory Panel.

Progress Reporting

Fellow and sponsor are required to submit an annual assessment of progress regarding research and training accomplishments, abstracts and publications.

MURR Research Fellowship Award (MURFA)
APPLICATION

Application Format

MURR Research Fellowship Award (MURFA)

Applicant's Biographical Sketch (*include name, education, training, awards, publications*)

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Applicant's Academic Record in the Sciences and Engineering:

<u>Year</u>	<u>Course Title</u>	<u>Grade</u>
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Grading system: show level for passing

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Description of Research being proposed:

Anticipated Results:

MURR Research Fellowship Award (MURFA)
APPLICATION

Sponsor's Biographical Information (*similar to NIH or NSF Biographical Sketch*)

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Deadline for Submission

Applications will be considered once each year. The submission deadline is **July 17**.

The review process takes about four weeks.

Whom to Contact and Where to Send Applications:

**Shawna Rye, MURR Administrative Assistant
University of Missouri Research Reactor Center
Research Park
Columbia, MO 65211-3400
(573) 882-5235
ryes@missouri.edu**