



SHaRE Faculty Fellowship Program 2001

Purpose and Program Description

These fellowships are intended to provide outstanding university faculty access to the SHaRE User Facility at Oak Ridge National Laboratory. This user facility is equipped with state-of-the-art electron microscopes, atom probe field ion microscopes, and mechanical properties microprobes for materials science microanalysis. These appointments are intended to assist faculty by enhancing their materials science research through extended access to SHaRE's state-of-the-art microanalytical facilities, and through collaborations with appropriate researchers at ORNL. It is anticipated that at least one junior and one senior university faculty will be appointed as fellows.

The duration of each fellowship is expected to be between six and twelve weeks. It is anticipated that fellowships will be taken during the participant's summer semester or quarter terms. However, this is not a requirement for participation.

Eligibility

Applicants must be full-time permanent faculty members at accredited U.S. colleges or universities.

Stipends and Allowances

Stipends paid to participants are based on, but may not exceed, their regular college/university salary. The cost of travel for one round-trip between the academic institution and ORNL will be reimbursed if the distance is greater than 50 miles. Reimbursement is made according to the standard travel policy of the Oak Ridge Institute for Science and Education (ORISE).

Fellowship Applications

Application may be made by submitting a written proposal, approximately four pages in length, to the below address. The proposal should:

- Set forth the scientific or technological significance of the proposed research.
- State the relevance of this research to the U.S. Department of Energy, and ORNL.
- Include a statement of work which describes the major research tasks to be performed, specifies needed research instrumentation, and indicates any anticipated specimen preparation at ORNL.
- Summarize the applicant's previous work in the field of the proposed research, including relevant expertise on the research equipment being proposed for use in this research.
- Identify a researcher at ORNL who agrees to collaborate in the research. SHaRE can assist faculty personnel in identifying appropriate ORNL collaborators.
- State the intended start date and duration of the appointment.
- Include a one-page professional resume.

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Application Submission

Five copies of the fellowship proposal should be submitted to:

Mr. Thomas R. Richmond
SHaRE Faculty Fellowship Program
Oak Ridge Institute for Science and Education
P.O. Box 117
Oak Ridge, TN 37831-0117

or a single copy submitted as an email attachment to Dr. Neal D. Evans (evansnd@ornl.gov).
Supported file formats are ascii, PDF, Word, and WordPerfect (any version).

Review Process and Deadline

- Appointments are based on competitive evaluation of the applicants' qualifications, proposed plan of research, and relevance to ORNL/DOE research programs and activities
- Appointments are made by recommendation of the SHaRE Executive Committee
- Proposals for FY 2001 fellowships should be received by January 30, 2001

Additional Information

For additional information regarding either SHaRE or these fellowships

- <http://www.ornl.gov/share>
- contact Neal Evans evansnd@ornl.gov 865-576-4427

SHaRE Faculty Fellowships are contingent upon the availability of funds, collaborating personnel, and research facilities.

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