



ASNT FELLOWSHIP AWARD 2011

INFORMATION SHEET

BACKGROUND

The American Society for Nondestructive Testing, Inc. (ASNT), the professional society devoted exclusively to nondestructive testing technologies, annually sponsors the ASNT Fellowship Award competition. The purpose of the competition is to identify up to five educational institutions that may receive one of the \$15,000 awards for NDT research.

Nondestructive testing is the science of examining components and systems in a manner that does not impair their further usefulness. NDT is a complex, multidisciplinary field offering exciting career opportunities. Current areas for applying new and advanced nondestructive testing technology include power plant life extension, aging aircraft, and deteriorating civil engineering structures.

PURPOSE

To fund research activity in nondestructive testing (NDT) at the graduate level, either master's or doctoral.

ELIGIBILITY

ABET accredited academic institutions with graduate educational research programs are invited to submit proposals; however, no more than one (1) application per faculty member will be considered.

PROPOSED FORMAT

Length: The proposal, with all support materials, should not exceed twenty (20) one-sided sheets.

Title Page: Should list the title, the school name, the faculty member submitting the proposal, the name of the potential student recipient (required), mailing address, telephone and fax numbers, and e-mail address.

Table of Contents: Should contain a list of the major parts of the proposal and the page numbers where they may be found.

Research Proposal: This should contain a description of the graduate research project indicating the objectives, planned approach, the anticipated starting date, and the estimated date of completion.

Program of Study: This should provide a brief description of the actual or typical program of study of the potential student recipient. A brief catalog description of the indicated courses would be helpful.

Research Facilities: Should include a description of the research facilities available for use on this project.

Budget: Should indicate the resources dedicated to this project. The proposed use of ASNT Fellowship funds should be indicated explicitly. None of the ASNT Fellowship Award funds can be used for overhead or indirect institution expenses.

Research Advisor: Background information on the faculty advisor of the student recipient must be included. If possible, use ASNT's Biographical Data Form for this information.

Recipient: Background information on the graduate student is required. If possible, use ASNT's Biographical Data Form for this information.

EVALUATION OF PROPOSALS

A critical review will be made of all proposals by recognized authorities active in the area of NDT.

The following evaluation criteria will provide the basis for the selection: soundness of approach, value of potential contribution, potential for successful completion, qualifications of potential student recipient, qualifications of advisor, adequacy of program of study, and adequacy of facilities.

CONDITIONS OF THE AWARD

- A written report on the completed study or activity must be submitted to the staff of ASNT no later than twenty-four (24) months after program initiation as indicated in the proposal.
- The report must be in a format suitable for publication in *Materials Evaluation*, ASNT's archival technical journal.
- The Fellowship student must present the findings at an ASNT national conference. ASNT will provide an airline ticket and hotel room for the conference, and will waive conference fees.

AWARD

The award is presented during the Society's annual awards ceremony at ASNT's National Fall Conference 2011, to a representative of the selected institution. No financial support is provided for attending the awards ceremony. (*Support is provided only for presentation of the student's findings. See above.*)

Funding will be available July 2011.

SUBMISSION

Proposals are due on **15 October 2010**. An original and eight (8) copies of the proposal shall be forwarded to:

THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING

Attn: Administrative Assistant

1711 Arlingate Lane

P.O. Box 28518

Columbus, OH 43228-0518

Phone: (800) 222-2768

Fax: (614) 274-6899

E-Mail: sdille@asnt.org

The original of the proposal must be signed by the faculty member and by an official authorized to commit the institution in business affairs.

As it has in the past, ASNT expects that funds from the ASNT Fellowship Award will be used for support of the student and the student's research, and not for overhead or indirect institutional expenses.