

Tennessee NSF EPSCoR

2011 Summer Research Opportunity Awards for Faculty

Tennessee Solar Conversion and Storage Using Outreach, Research & Education (TN-SCORE)

Background

The TN-SCORE program is a National Science Foundation Experimental Program to Stimulate Competitive Research (NSF EPSCoR) Track 1 infrastructure grant that seeks innovation of alternative energy solutions to positively impact the state's educational foundations, economy and workforce development. The current focus areas include:

- **Thrust 1** Advanced Solar Conversion and Innovation,
- **Thrust 2** Components and Devices for Energy Storage and Conversion and
- **Thrust 3** Nanostructures for Enhancing Energy Efficiency.

Research Opportunity Awards for Faculty Objectives

Research Opportunity Awards (ROA) for faculty is designed for faculty at 2-year and 4-year institutions to establish long-term collaboration with a researcher in one of the TN-SCORE thrust areas. The information, techniques and experience gained can be spread to the faculty award winner's campus, students and colleagues. All universities involved in the EPSCoR thrust areas are eligible to host faculty under this program. The summer experience may involve research at the scientific level, or focus on developing educational outreach programs.

Eligibility

Tenure track faculty members at any two or four year college or university in Tennessee are eligible to apply. Proposals submitted must be in the area of alternative energy and directly related to the program of one of the TN-SCORE thrust areas.

Funding Awards

The faculty winners will be provided with a summer stipend of \$12,500 as well as a \$7,500 startup grant for use at their home institution to help translate the experience to the home institution. A travel subsidy will be provided to attend the TN-SCORE annual conference. Three faculty partnerships will be awarded statewide.

Application Details

The absolute deadline is April 22, 2011, however applications will be reviewed as received with rolling awards decisions.. Applications should be emailed to jfranco3@tennessee.edu. Included should be:

1. Application Form

2. A brief description (2 page maximum) summarizing the proposed project that includes:
 - How the project relates to one of the TN-SCORE thrust areas
 - How this opportunity is consistent with faculty member's career goals, and
 - How it will benefit the faculty member's institution.
3. A letter of support (2 page maximum) from a tenured faculty member/department chair (sent independently) at his or her home institution that describes:
 - What qualities/skill set makes this applicant unique and special,
 - The level of research in the faculty member's home department, and
 - The potential benefit to the awardee's home institution.

Selection Process

Applications will undergo careful review by a panel of TN-SCORE administrators and faculty researchers based on the following:

- Research activity: relevance of proposed research to alternative energy issues and TN-SCORE program objectives, and
- Potential benefits translated to faculty member's home institution by the experience, and
- Faculty support: level of commitment from faculty member and consistency with their ongoing research activities.

Requirements of Participation

In addition to performing the research on the project, all award beneficiaries are required to:

- Submit a brief report (5 pages maximum) summarizing the summer research accomplishments due by September 1, 2011
- Present their research and benefits of the experience at the annual TN-SCORE Conference

Final awards will be announced on April 29th. Any questions and faculty support letter should be directed to:

Joshua Francois

Outreach Coordinator, TN-SCORE

jfranco3@tennessee.edu

865.974.8085

TN-SCORE Summer Research Opportunity Award for Faculty

Name: _____

Home Address: _____

City: _____ State: ____ Zip: _____

E-Mail Address: _____

Home Phone: _____ Mobile Phone: _____

Current College or University: _____

Academic Dept(s): _____

Years in Current Appointment: _____

Previous Colleges or Universities Attended and Degrees: _____

List any Awards, Grants or Published Papers relevant to this Award: _____

List Activities or Group, Society or Association Memberships relevant to this Award: _____

Please rank your TN-SCORE thrust interest/preference (1-3, with 1 being most desirable):

___ Thrust 1 ___ Thrust 2 ___ Thrust 3

Please rank location preference (with 1 being most desirable):

___ Vanderbilt ___ University of Tennessee

Are you either a U.S. Citizen or Permanent Resident? ___ Yes ___ No

Gender (optional): _____

Ethnic/Racial Status (optional): ___ African American ___ Asian ___ Caucasian (non-Hispanic)

___ Hispanic/Latino ___ Native American ___ Pacific Islander

(check all that apply)