

TN-SCORE CUR WORKSHOP ON UNDERGRADUATE RESEARCH

APRIL 8-10, 2011 at BELMONT UNIVERSITY

OVERVIEW AND INSTITUTIONAL ELIGIBILITY

TN-SCORE and the Council on Undergraduate Research (CUR) have teamed to present a workshop for academic institutions in Tennessee on establishing undergraduate research programs at Tennessee institutions of higher education. All 2-year and 4-year colleges, both public and private, are invited to apply for participation. This is especially relevant for institutions that do not have a tradition of fully engaging in undergraduate research. The workshop will assist participants to articulate their goals for undergraduate research and to design strategies to achieve these goals on their campuses. The workshop is designed to develop a community of scholars among the participating campuses to build a statewide culture that supports undergraduate research. It also presents an excellent opportunity for diverse institutions to become involved with the energy-related research programs supported by TN-SCORE.

TEAM COMPOSITION AND EXPECTATIONS

Each selected institution will be invited to send a three- or four-member team, composed of faculty members and at least one administrator. TN-SCORE is sponsoring the workshop with CUR and will provide and hotel and meal for the selected institutions' team members to attend the workshop, *with the exception of the teams' travel to and from Nashville.*

At the workshop, institutional teams will have the opportunity to work directly with experienced facilitators who are college faculty members and who have successfully engaged students in undergraduate research and developed programs within their departments, institutions, or regions. Examples of the broad topics to be addressed at the workshop include:

- Developing a campus culture that supports undergraduate research
- Highlighting successful undergraduate research programs and models
- Promoting undergraduate research on campus
- Sustaining an undergraduate research culture

Each team will leave the workshop having developed a customized and action-oriented plan to institute an undergraduate research program on their own campus, will have been introduced to a network of colleagues in the state who are engaged in the same activity, and will have information about opportunity for involvement with TN-SCORE that can assist them with follow-up activities.

WORKSHOP LOGISTICS

The workshop logistics are organized as follows. The workshop will begin on Friday evening at dinner and run through Sunday at noon. The workshop will feature a series of plenary sessions that will introduce strategies specifically to facilitate developing a culture of undergraduate research and will present models of undergraduate research programs. The workshop will also involve facilitators, who will work directly with teams during breakout sessions to guide participants to probe their own institutional strengths and challenges and to develop a detailed action plan for implementation within their departments and campuses.

APPLICATION AND SELECTION CRITERIA

Institutions interested in participating in this exciting workshop must formally apply to be considered for participation. Details are given below:

- **Team composition** – Applications should provide the following information about team composition: 1) the members of the proposed institutional team, along with the institutional role, title, and contact information for each team member and 2) the designated team leader.

Institutions are reminded that teams should be composed of two faculty members and, additionally that participation by an administrator is required. It is recommended that participating faculty members be affiliated with a department/program that is directly related to the research of the three TN-SCORE thrust areas (e.g., chemistry, physics, engineering, materials science, computational mathematics, technology, etc.). The administrator does not have to come from a science- technology- or engineering-based discipline, but should be in a position where he or she has the ability to dedicate both human and financial resources to facilitate the development of undergraduate research on the college campus.

- **Narrative statement** – A narrative statement must be submitted by the team leader that describes 1) the current state and future goals of undergraduate research at their institution, 2) the outcome the team hopes to realize through workshop participation, 3) the rationale for why particular team members were chosen, and 4) their commitment to sustain their effort at developing and/or enhancing an institutional undergraduate research program.

Institutional teams will be selected on the basis of 1) the perceived need for the workshop, as reflected in their narrative, and 2) the commitment of the institution, as evaluated on the basis of the team composition and willingness to engage in all workshop and follow-up activities. Prior to the workshop, selected teams will be required to complete a questionnaire that will serve as a self-guided examination, or inventory, of campus research strengths and obstacles. This self-study will also be used to help the workshop facilitators prepare for the specific needs of the team and to pair institutions to work with facilitators. If your institution is interested in participating in the CUR workshop, please send the application material no later than March 11, 2011. Applications should be submitted electronically to:

Joshua Francois
Outreach Coordinator, TN-SCORE
jfranco3@tennessee.edu

For further information or answers to any questions you may have about the workshop please contact:

Joshua Francois
TN-SCORE
jfranco3@tennessee.edu
865.974.8085

Dr. Pamela Knox
Tennessee Board of
Regents
pamela.knox@tbr.edu

Dr. David Hercules
Vanderbilt University
david.m.hercules@vanderbilt.edu

TEAM COMPOSITION – “Tapping the Potential of All Students”

Name of Institution _____

Workshop you wish to attend _____

Team Leader

Name	Role	Title
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Campus Address	email	telephone
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Team Member

Name	Role	Title
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Campus Address	email	telephone
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Team Member

Name	Role	Title
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Campus Address	email	telephone
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Team Member

Name	Role	Title
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Campus Address	email	telephone
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NARRATIVE STATEMENT

Please provide a narrative statement of no more than 2 pages describing 1) the current state and future goals of undergraduate research at your institution, 2) the outcome the team hopes to realize through workshop participation, 3) the rationale for why particular team members were chosen, and 4) their commitment to sustain their effort at developing and/or enhancing an institutional undergraduate research program.