

**NATIONAL SCIENCE FOUNDATION COURSE, CURRICULUM
AND LABORATORY IMPROVEMENT ADAPTATION AND
IMPLEMENTATION TRACK**

SIGCSE SPONSORED TUTORIAL PRESENTATION

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BACKGROUND

The National Science Foundation (NSF) completely redesigned their undergraduate education funding programs last year. One of the new programs is the Course, Curriculum and Laboratory Improvement (CCLI) program. CCLI has several tracks, or sub-programs, one of which is the Adaptation and Implementation (CCLI/A&I) track. This program has many elements of the previous Instrumentation and Laboratory Improvement (ILI) program, but there are significant differences that can make the new program more attractive.

The next deadline date is June 7, 1998, making the seminar very timely for people interested in writing a proposal.

THE PROGRAM

Projects submitted to the A&I track of CCLI are expected to improve education through adaptation and implementation of exemplary materials, techniques, laboratory experiences, and educational practices. Projects can encompass a broad range of

activities, from individual courses and laboratories through comprehensive projects that impact entire curricula or programs across multiple departments or institutions. Proposers are encouraged to adapt and implement high-quality educational materials and effective educational practices developed through one or more NSF-funded projects or elsewhere. Funding can be requested for all items normally supported by NSF, such as equipment and personnel.

TUTORIAL TOPICS

The tutorial will cover a wide variety of information that will be useful to people considering applying for funding through this program. The following is a list of the kinds of information that will be discussed.

- Description of the program
- How it is different from the old ILI
- What motivated the changes
- What "adapt" really means
- What kinds of projects are appropriate and inappropriate
- How to find "exemplary projects" to adapt
- What costs are fundable, and which require matching funds
- Maximum funding limits
- What were the "hot topics" in the first proposals (Nov. 1998)
- What are the current NSF funding trends
- Deadline dates

Additional topics can be addressed as driven by the audience's background, interests and questions.

TUTORIAL FORMAT

The tutorial will allow for interaction with the participants. The tutorial will start with a presentation of the topics, which will be open for questions at any time. After the presentation there will be some time for brainstorming ideas with other attendees and the NSF program officer.

TUTORIAL FACILITATORS

Dianne Martin is the computer science program officer for CCLI and other Division of Undergraduate Education (DUE) programs. She is currently on leave from George Washington University. Margaret Reek has been a reviewer for many NSF DUE programs for over ten years and has facilitated many workshops and seminars on NSF funding.