

Date submitted: September 19, 2007

Review Request will be returned to originator within two weeks from date of submission to Area Administrator

MONTEREY PENINSULA COLLEGE
Pre-Application Grant Review Request
(prior to completion of RFP)

Name of Grant: **Marine Technology Mentoring and Internship Program on Oceanographic Research Cruises**

Purpose of Grant: Financial support for student interns participating in oceanographic research cruises.

Funding Source: National Science Foundation

Amount: \$150,000

For fiscal years: 2008-2011

Application Deadline: October 15th, 2007

Name of Contact: Michael Gilmartin

Grant Writer(s): Lani Clough

PLEASE CIRCLE ONE:

Is this a: (1) new grant; (2) expansion of existing grant; (X) continuation of existing grant?

The MATE Center seeks to continue its successful internship program for community college and university students. The goal of the internship program is to provide students with hands-on experiences and to provide employers with skilled workers and potential employees.

The program began in 1999 with a supplemental National Science Foundation (NSF) grant to place student interns on University National Oceanographic Laboratory System (UNOLS) and Integrated Ocean Drilling Program (IODP) vessels. Since that time, the MATE Center has placed 192 community college and university students in at-sea and shore-based internship positions. Seventy-three MATE interns were MPC students. Interns have worked with electronics, Geographical Information Systems (GIS), chemistry, data analysis and statistics, industrial technology such as ROVs, biological and geological field sampling, water quality analysis, and more. The MATE internship program is a unique opportunity for students to participate in marine technology internships at sea and gain skills to make them readily employable in marine technology and science.

MATE preferentially selects students from MPC and MATE partner colleges, but other students are also considered and placed. Each intern's interests, knowledge, and skills are carefully matched to employer requirements. Employers provide specifications for skills, qualifications, and experiences that they are looking for in an intern by completing forms that can be found on the MATE web site (<http://www.marinetech.org/education/internships.php>). The MATE internship coordinator then compares the host's requirements with the qualifications of all student applicants, and résumés of students who best match the host's specifications are submitted to the company.

The purpose of this grant is to provide stipends and travel funds to students who participate in marine technology internships on board oceanographic research cruises and provide salary for the MATE internship coordinator to administer the program. The research vessels will support these

students by providing room and board during the internship. There is interest from both the research vessels and NSF to continue this program.

Please provide brief and succinct responses to the following and use additional pages, if necessary:

- 1. Describe how this grant supports the long-term institutional goals and/or annual objectives:*

This grant supports long-term institutional goal one and annual objectives associated with improving and enhancing educational programs and curricula by continuing exceptional, real-world internships for students from MPC and other colleges and universities. In addition, the grant will help to promote MPC as a center for marine science and technology excellence.

- 2. Describe what will be accomplished or the expected outcomes and who will be accountable for specific objectives and related tasks:*

Internships are a requirement of the Marine Science and Technology (MAST) Certificate and Degree program at MPC. This grant provides funds to ensure that these internships are supported. Students participating in the internships develop technical and non-technical skills, including communication skills and presentation skills; job search techniques; and personal quality traits, such as the ability to work as a team and think creatively. These skills improve students' employability.

The internships are also designed facilitate connections between working professionals, employers, and students. These connections lead to better student understanding of job responsibilities, employers, and career opportunities available to them, and allow employers to interact with and evaluate these students as potential employees.

Michael Gilmartin will be responsible for ensuring that the internship program follows MPC policies. Lani Clough, as MATE's Internship and Faculty Development Coordinator, will be responsible for specific objectives and tasks related to the internship program. Deidre Sullivan, MATE Center Director, will oversee Lani's work.

- 3. For what purposes will grant funds be used, i.e. in what areas will funds be budgeted:*

The grant funds will be used to support 15 student interns from MPC and MATE partner community colleges each year from 2008-2011 as they participate in marine technology internships on board research vessels. The funds will cover student travel and stipends for research cruises with scientists and marine technicians lasting one to eight weeks. It will also cover salary for MATE staff to coordinate the program.

- 4. Is district commitment required by providing the following: Space, Staffing, matching Funds, Institutionalization, Implications to current program(s), Research implications (pre and post)?*

No new district commitment – funds or otherwise – is required.

5. *What are the implications of this grant for Fiscal Services? Have you included required indirect costs when projecting the grant budget? (Fiscal Services should establish a regular %)*

There will be a minor impact on Fiscal Services. There will be approximately 30 purchase orders over any given year that will need to be processed. An indirect cost will be included on allowable expenses, currently estimated at 8%.

6. *Will this grant be designed to offset any current General Fund costs? If so, what will be offset and at what amount?*

This grant will not offset any current General Fund costs.

7. *How will MPC continue implementation of the grant activities after grant funds are no longer available?*

MPC is not expected to continue the program in the absence of grant funds. The MATE Center will be responsible for continuing activities associated with this grant when these funds expire. For example, the Center will seek new grant funds and donations from industry to cover internship program expenses after the life of the grant.

	Date	Signature
Reviewed by Area Administrator:		
Reviewed by Research Office (upon Administrator's Request):		
Reviewed by VP and P/VP:		

President: _____ Approve: _____ Disapprove: _____
Signature/Date