

PERALTA COMMUNITY COLLEGE DISTRICT
Board of Trustees Agenda Report
For the Trustee Meeting Date of October 23, 2012

ITEM TITLE: *(Please define the subject; e.g., change order – Berkeley City College)*

Intent to apply for the November 1, 2012 application deadline for the 2013 MENTOR-CONNECT Technical Assistance and Mentoring Support Workshop in participation for the October 2013 National Science Foundation Advanced Technological Education (NSF ATE) grant program—Merritt College.

SPECIFIC BOARD ACTION REQUESTED:

Approval and authorization.

ITEM SUMMARY: *(PLEASE DISCUSS THIS ITEM. IF A VENDOR IS INVOLVED, PLEASE INCLUDE THE COMPANY NAME AS WELL AS THE INDIVIDUAL.)*

DRAFT Summary: Establish and build a partnership among feeder high schools, Merritt College and four-year transfer institutions to prepare students (emphasis with under representative populations) for technician education to meet workforce needs that offer pathways in science, technology, engineering and mathematics. Mathematics is the foundational distinction beginning with developmental and leading to advanced levels-- statistics, calculus and linear algebra /differential equations. Pathways should provide exit and re-entry access for students with workforce and transfer career objectives. Merritt College provides occupational programs in Administrative of Justice (TSA and possible Cyber Security/CIS), Biology (Genomics, Microcopy), Business & CIS (Project Management, Networking), and Environmental Technology (Green).

Vendor is not required at this time. However a grants writer is identified and expressed desire to assist with writing the October 2013 NSF ATE grant proposal. Granter writer is currently a vendor in the Peralta Colleges Purchasing System.

SOURCE OF FUNDS (AND FISCAL/BUDGETARY IMPACT):

FOR THE TECHNICAL ASSISTANCE AND MENTORING SUPPORT WORKSHOP, NONE ARE NEEDED AT THIS TIME. HOWEVER, IF AWARDED THE APPLICATION WORKSHOP FUNDS OF \$600 @ PERSON, SOME SUPPLEMENT FUNDS MIGHT BE NEEDED TO COVER THE ENTIRE COST OF ATTENDING THE OUT-

OF-STATE MENTOR-CONNECT WORKSHOP IN JANUARY 2013. THESE SUPPLEMENTAL COSTS COULD BE COVERED BY THE COLLEGE DISCRETIONARY FUNDS.

BACKGROUND/ANALYSIS:

With an emphasis on two-year colleges, the Advanced Technological Education (ATE) program focuses on the education of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions and employers to promote improvement in the education of science and engineering technicians at the undergraduate and secondary school levels. The ATE program supports curriculum development; professional development of college faculty and secondary school teachers; career pathways to two-year colleges from secondary schools and from two-year colleges to four-year institutions; and other activities.

DELIVERABLES AND SCOPE OF WORK:

- STRENGTHEN TECHNICIAN EDUCATION TO MEET STEM WORKFORCE NEEDS.
- DEVELOP STEM FACULTY LEADERSHIP IN TECHNICIAN EDUCATION.
- PROPOSAL DEVELOPMENT ASSISTANCE FOR SMALL GRANTS FOR INSTITUTIONS NEW TO NSF ATE.
- GUIDANCE AND RESOURCES FOR FUNDED PRINCIPLE INVESTIGATORS (PIs).

ANTICIPATED COMPLETION DATE: OCTOBER 2013

ALTERNATIVES/OPTIONS: NONE AT THIS TIME

EVALUATION AND RECOMMENDED ACTION:

OTHER DEPARTMENTS IMPACTED BY THIS ACTION (E.G. ADMINISTRATION OF JUSTICE, BIOLOGY, CHEMISTRY, BUSINESS, COMPUTER INFORMATION SYSTEMS, STUDENT SUPPORT SERVICES):

YES X No

COMMENTS: SPECIAL CONSIDERATION WILL BE GIVEN TO APPLICATIONS WITH EMPHASIS ON UNDER REPRESENTATIVE POPULATIONS IN STEM OCCUPATIONAL AREAS.

WHO WILL BE PRESENTING THIS ITEM AT THE BOARD MEETING? (VICE CHANCELLOR)

(*****Board contract approval is subject to negotiation and execution by the Chancellor.)

DOCUMENT PREPARED BY:

Prepared by: Anita M. Black, Interim Vice President of Instruction
[Enter Here - Your Name and Title of Individual]

Date: _____

DOCUMENT PRESENTED AND APPROVED BY:

Presented and approved by: Presenter/Approver Signature Here in Script

Date: _____

[Enter Here - Name of College President, (if originating from a college) or Vice-Chancellor (if originating from the District)]

FINANCE DEPARTMENT REVIEW

_____ Finance review required _____ Finance review *not* required

If Finance review is required, determination is: _____ Approved _____ Not Approved

If not approved, please give reason: _____

Signature: Ron Gerhard
Ron Gerhard, Chief Financial Officer

Date: _____

GENERAL COUNSEL (Legality and Format/adherence to Education Codes):

_____ Legal review required _____ Legal review *not* required

If Legal review is required, determination is: _____ Approved _____ Not Approved

Signature: _____
General Counsel

Date: _____

CHANCELLOR'S OFFICE APPROVAL

_____ Approved, and Place on Agenda

_____ Not Approved, but Place on Agenda

Signature: José M. Ortiz
Dr. José M. Ortiz, Chancellor

Date: _____