

31351

ADOPTED - BOARD OF TRUSTEES COMMUNITY COLLEGE
DISTRICT NO. 508
MARCH 1, 2012

BOARD OF TRUSTEES OF COMMUNITY COLLEGE DISTRICT NO. 508 COUNTY OF COOK AND STATE OF ILLINOIS

RESOURCE DEVELOPMENT CITY COLLEGES OF CHICAGO

THE CHANCELLOR

REPORTS

that the following proposals, contracts, and other special funding instruments are under development or have been submitted by staff at this time.

NEW PROPOSALS - \$1,789,702

Grant Name	Funder	Amount	Alignment
Enhancing Critical Thinking in STEM Disciplines: A Faculty Development Model	National Science Foundation	\$317,464 (sub-award to CCC of \$21,759)	Increase rate of transfer to bachelor's degree programs following CCC graduation Excellence in teaching and learning
College/District	Accountability	Pd #	Performance Period
District	Michael Davis, AVC STEM	120303	September 1, 2011 to August 31, 2012
<p>Northwestern University's Searle Center for Teaching Excellence proposed a collaborative project with the City Colleges of Chicago to design, pilot and study a Science, Technology, Engineering, and Mathematics (STEM) faculty development program focused on improving learning outcomes for STEM students. The program will consist of 28 STEM faculty – 14 faculty from each institution - participating in a linked series of workshops over one and a half academic years.</p> <p>This faculty development program is designed to assist STEM faculty to:</p> <ul style="list-style-type: none">• Reflect critically on key issues in learning and teaching in higher education;• Develop their learning, teaching, and assessment practices to facilitate higher order student learning outcomes;• Redesign an existing course or develop a new course that implements new learning and teaching practices. <p>The project will: Evaluate the effectiveness at two different higher education sites with respect to changes in (i) instructional and assessment practices, (ii) faculty approaches and concepts of teaching, and (iii) student learning outcomes. In addition, the effectiveness of this program will be compared to the effectiveness of other faculty development programs.</p>			

Grant Name	Funder	Amount	Alignment
ChemEd Bridges 2: Building and Empowering a Network of Community College Leaders	National Science Foundation (NSF)	\$600,000	Excellence in teaching and learning Increase rate of transfer to bachelor's degree programs following CCC graduation
College/District	Accountability	Pd #	Performance Period
District	Dr. Thomas Higgins, Chair of Physical Science	120305	January 1, 2013 through December 31, 2014

The ChemEd Bridges 2: Building and Empowering a Network of Community College Leaders focuses on three areas: engaging emerging leaders, developing proposal-writing and implementation skills, and organizing meeting programming. The overarching goal is to improve the quality of science education by providing CCC faculty with connections, knowledge and skills needed to successfully lead initiatives aligned with the strategic direction of the institution on their campuses. The project is designed to position CCC leaders and faculty for increased success in resource development and project development in line with the strategic direction of the institution.

Project Components and Outcomes

Engaging Emerging Leaders

- Training and mentoring in leadership development, proposal writing curricular and pedagogical innovations, and program planning
- Opportunities to develop and practice skills through planning and implementation of campus projects and the preparation and submission of proposals, to design and lead workshops/ symposia at national and regional meetings, and to serve as mentors to other CC faculty

Developing Proposal-Writing and Implementation Skills

- Intensive workshop on NSF programs and proposal preparation for leadership cohorts.
- Follow up mentoring of workshop participants to assist in the completion and submission of an NSF proposal.

Grant Name	Funder	Amount	Alignment
Acquisition of an Anasazi 90 MHz EFT FT-NMR for Research and Research Training of Community College Undergraduates	Major Research Instrumentation Program: National Science Foundation	\$150,400	Increase rate of transfer to bachelor's degree programs following CCC graduation Excellence in teaching and learning
College/District	Accountability	Pd #	Performance Period
District	Dr. Thomas Higgins, Chair, Physical Sciences	120306	January 1, 2013 through December 31, 2013

In response to the success of the Undergraduate Research Program, (previously funded by a NSF grant), increased research interests of CCC students, the clear connection to preparation for Bachelor Degree

programs and the critical mass of research-active students and faculty, HWC and CCC propose to acquire an Anasazi 90 MHz EFT FT-NMR (NMR) to augment its research projects in organic synthesis and the hands-on portion of the research training program. Acquisition of this NMR will achieve three goals, all of which are consistent with the goals of the Major Research Instrumentation Program:

- Enable the research activities of current, research-active students and faculty who are pursuing the synthesis of novel organic molecules or novel synthetic routes for known molecules;
- Lower the barriers for other faculty to become research active by providing on-site instrumentation; and
- Support the research training and inquiry-based chemistry curriculum in the District.

Grant Name	Funder	Amount	Alignment
Collaborative Research: Increasing Diversity in Physics- Urban Centers for Physics Learning	National Science Foundation	\$1,017,543	Increase number of students earning college credentials of economic value Increase rate of transfer to bachelor's degree programs following CCC graduation
College/District	Accountability	Pd #	Performance Period
Harold Washington/District	Dr. Anthony A. Escudro, Professor, Physical Sciences	120307	July 1, 2012 through June 31, 2017

Physics Education Research has had a major impact on the way we view student learning and has played a major role in the way physics is taught at colleges and universities throughout the country. Research has demonstrated the effectiveness of interactive engagement methods through nationally known programs that have influenced the manner in which introductory physics courses are taught. It is important that this successful research be examined in the context of understanding the needs of students in urban centers of learning. Through collaboration with traditional four year institutions, urban four year institutions and the City Colleges of Chicago, this project seeks to make a major impact on research leading to best practices in teaching and learning of physics and other science disciplines at the community college level. The goal is to develop best practices through research, curriculum development, and dissemination of instructional materials.

The goals of the UCPL will be to:

- conduct research on student learning that specifically addresses the needs and resources of students underrepresented in the STEM disciplines;
- produce two to three papers each year through collaborations between project PI's and undergraduate student researchers;
- Create a network of physics educators and researchers that work with a targeted population to create large-scale improvement of physics and natural science education;
- Establish workshops and summer institutes for faculty in urban centers of teaching and learning.

NEW PROPOSALS – CONTINUATION FUNDING - \$1,312,500

Grant Name	Funder	Amount	Alignment
Upward Bound	U.S. Department of Education	\$1,312,500 (\$262,500 for the first year of a five year project)	Increase number of students earning college credentials of economic value Increase rate of transfer to bachelor's degree programs following CCC graduation
College/District	Accountability	Pd #	Performance Period
Malcolm X College	Hubert Dure, Upward Bound Director	12308	September 1, 2012 through August 31, 2013
<p>Malcolm X College submitted a TRiO Upward Bound (UB) proposal that seeks continuation funding and IS designed to enhance the current UB project. The funding is designed to help students who face formidable barriers to educational achievement complete a rigorous secondary program of study, graduate from high school, enroll in a program of postsecondary education, and attain postsecondary degrees. The project addresses competitive preference priority 3 – Improving Productivity. The response to competitive preference priority 3 is designed to dramatically improve outcomes for UB participants. MXC's UB program will serve sixty three (63) low-income, potential first generation students.</p> <p>Services will address the identified needs of eligible students with academic year and summer programming. In addition to providing all required and permissible services, MXC's Upward Bound will implement strategies that have demonstrated results, changing the status quo relative to low-income, first generation and under-represented students succeeding in higher education and careers.</p>			

NEW AWARDS - \$432,719

Grant Name	Funder	Amount	Alignment
Head Start Support Services	Chicago Department of Family and Support Services	\$398,331	Increase number of students earning college credentials of economic value
College/District	Accountability	Pd #	Performance Period
Harold Washington College	Mary Kaleta, Head Start Support Services Director	120301	December 1, 2011 to November 30, 2012
<p>The Head Start Support Services grant supports the Department of Family and Support Services staff and Teacher Assistants in Head Start to meet the requirement of the Head Start Re-authorization Act by achieving a Child Development Associate (CDA) credential.</p>			

Grant Name	Funder	Amount	Alignment
Grow Your Own Project	Illinois Board of Higher Education via Illinois State University	\$31,418	Increase number of students earning college credentials of economic

			value Increase rate of transfer to bachelor's degree programs following CCC graduation
College/District	Accountability	Pd #	Performance Period
Malcolm X College	Tasha Williams, Associate Dean, Student Services	110531-YR2	August 16, 2011 through August 31, 2012

Grow Your Own (GYO) is a project which is funded by the Illinois Board of Higher Education to encourage individuals to go into teaching careers in the communities in which they reside.

This project is funded by a sub-award agreement from a grant provided by the Illinois Board of Higher Education to Illinois State University. These funds are used to assist in tuition/fees and books for Grow Your Own candidates and a portion of the Field Coordinator's salary.

Grant Name	Funder	Amount	Alignment
CPB – Archive Agreement	Corporation for Public Broadcasting (CPB)	\$2,970	Increase number of students earning college credentials of economic value Increase rate of transfer to bachelor's degree programs following CCC graduation
College/District	Accountability	Pd #	Performance Period
WYCC	Paul Buckner, WYCC Station Manager	12304	February 13, 2012 to March 31, 2012

The American Archive was conceived to support the restoration and digitization of existing public media content throughout the United States. To ensure that our audio and visual materials are safe and accessible, and to help us set priorities for the restoration, preservation, and digitization of public media's legacy, CPB is conducting the Project, which is a system-wide inventory of public media assets.

For this project WYCC (the Grantee) will:

- Locate and identify existing public broadcasting television and/or radio content held by WYCC that is older than one year, including, but not limited to original audio and moving image recordings, finished programs, unedited footage or "outtakes," audio or video collected for production research and master material;
- Locate and identify existing electronic or paper inventories of archival materials (eg. Excel, Access, Filemaker, XML, CSV, Text, Word, ProTrack etc.);
- Convert paper inventories to electronic records. WYCC will also consider scanning or photographing paper records as part of this workflow;
- If necessary, enhance existing inventories with additional data to meet the minimum inventory requirements defined by the American Archive Content Inventory Project.

GIFTS OR DONATIONS

Moving and Storage Trailer PD# 120302

Berger Transfer & Storage, Inc has donated a 1996 Kentucky Trailer, with an estimated value of \$7500, to Olive-Harvey College for use in the Transportation, Warehousing and Logistics program.

THE CHANCELLOR

RECOMMENDS

that the Board of Trustees approves acceptance of any gifts, grants or other funding which may be forthcoming from these proposals and authorizes the Chancellor, the Vice Chancellor for Institutional Advancement, or the District Director for Grants and Contracts to serve as *authorized representative or official representative* of the District in the submission of proposals for funding and to execute all documents for the acceptance of this funding or these gifts and the operation of the funded projects; said acceptance to be subject to the terms and conditions set forth by the grantor, including specified subcontracts and purchases, and said funds not to be expended by the Board for any other purposes.

Respectfully submitted,

Cheryl L. Hyman
Chancellor

March 1, 2012