

Cuyamaca College Title III Project Early Bird Faculty Stipend Award Recipients 2006-07

<i>Recipient</i>	<i>Title of Proposal</i>	<i>Abstract</i>	<i>*Grant Components</i>
BUCKY MARVELYN & COLLS GUILLERMO	ESL Mini Reading Lab Expansion (Portable)	This project proposes to set up a second portable mini lab that contains suitable materials to accommodate 5 students at a time, allowing for a "lab station" in any reading classroom where the cart is, so that there are two carts for different levels of reading material. Building upon existing materials, the project looks to enhance reading fluency, comprehension, and vocabulary development. Personnel will also be trained to utilize the lab in fifteen to twenty minute time blocks, incorporating reading activities in their ESL classes.	FT, CD
CHANDLER TED & MCGEHEE DUNCAN	Pre-engineering program in Mechatronics Microcontrollers & Robotics	This project expands on the previous creation of four pre-engineering courses in Mechatronics, the study of combined electronic and mechanical systems. Two of these classes will be offered for the first time in Fall 06, and the other two of Spring 07. It is now proposed that the success of these four courses can be leveraged further by adding one more course to the sequence - Advanced Robotics. Ultimately, this may pave the way to another family of pre-engineering courses explicitly dedicated to prototyping.	TI, CD
HOLLANDS LUCINDA	Curriculum Development: "Elements of Dance for Non-Dance Majors"	This project will focus on DANC 102, a three unit lecture/lab course. Being one such course that will add diversity to the classes we offer, it may introduce a new population to the curriculum while expanding liberal studies programs on this campus.	CD
KOTOWSKI KATHY	Curriculum Development: "Teaching as a Profession"	A mission of Cuyamaca College and the academic master plan is to grow in the area of teacher and elementary education. The focus of this project is to develop the 3 unit lecture/lab course, ED 200 Teaching as a Profession, listed under curriculum possibilities. It is beneficial to the success and retention of students by offering diversity that may interest new populations while expanding the liberal studies and elementary school teacher education programs and facilitating the ability to complete these majors on this campus.	CD
MCGEHEE DUNCAN	Development of OCEA 113 Oceanography Laboratory	The laboratory course developed by this project will complement the <i>Introduction to Oceanography</i> course, providing further exposure and science laboratory credit. Topics covered in the course may include navigation, cartography, bathymetry, sedimentation, and satellite oceanography.	CD
NETTE KATHRYN	Development of Biology 152: Paramedical Microbiology	The goal of this project will be to develop Biology 152, Paramedical Microbiology for Cuyamaca College. This course is currently offered at Grossmont College, and is a required course for many majors in allied health areas, particularly nursing. This course is currently impacted at Grossmont College, and our students are often unable to get into the course when they need it, delaying their career plans. Topics in the course will include identification and handling of bacteria, basic principles of immunology, medical microbiology, epidemiology, genetics, growth and control.	CD
PREBISIUS ERIC	AfterMath Workshop	The goal of this project is to build upon the "AfterMath" Workshop. It will be taken to the next level by including Math 103 and 100 students in the workshop. One of the outcomes of this workshop is the natural creation of a Math Learning Community. Students involved in these workshops on a regular basis are getting to know each other, and are learning to study together in small groups - and are building an atmosphere where they do not feel threatened.	CD

* TI=TECHNOLOGY INTEGRATION FT=FACULTY TRAINING CD=CURRICULUM DEVELOPMENT