Board of Governors
California Community Colleges
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2006 CALIFORNIA COMMUNITY COLLEGES AND THE FOUNDATION FOR CALIFORNIA COMMUNITY COLLEGES TECHNOLOGY AWARDS

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SPECIAL PRESENTATION

Presentation: *Patrick Perry, Vice Chancellor*
Technology, Research, and Information Services

Issue

This item presents the *2006 California Community Colleges and The Foundation for California Community Colleges Technology Awards.*

Background

The California Community Colleges Technology Awards Program (CCCTAP) was established in 2000 and is sponsored by California Community Colleges System Office and The Foundation for California Community Colleges. The CCTAP honors campus projects and individual leaders that have identified and solved significant problems in a manner worthy of emulation. The program bestows two types of awards:

- *Technology Focus Awards*
- *Excellence in Technology Leadership Awards*

The *Technology Focus Awards* recognize excellence that evolves out of a comprehensive planning process closely linked to the institution's mission and vision for the future. The award commends strategic and integrated uses of technology that empower faculty and/or students through sources within reach of all campus constituencies, and often the wider community.

The *Excellence in Technology Leadership Awards* recognize individuals within the educational technology community that resolve common institutional and instructional management challenges with ingenuity and resourcefulness. The California Community Colleges System Office wishes to acknowledge the contributions of individual leaders and to spotlight projects and initiatives that may serve as models for others.

The 2006 Technology Awards Recipients

The individual leaders and project team recipients of the *California Community Colleges System Office Technology Awards for 2006* are:

Excellence in Technology Leadership Awards

Dr. Ian Walton – Mission College

Dr. Ian Walton has devoted nearly 30 years to California's Community Colleges. He has been a mathematics instructor at Mission College since 1978, where he has been a ceaseless advocate of technology-mediated learning. Dr. Walton has a bachelor's degree in Pure Mathematics from the University of St. Andrews. He came to California as a Fulbright scholar and has a Ph.D. in Differential Equations from University of California at Santa Cruz. He has taught mathematics classes, including technology-mediated and online algebra, at Mission College for nearly three decades and has received numerous teaching awards.

Dr Walton's commitment to address important issues through leadership and perseverance is reflected in the many recognitions he has consistently received throughout his career. Although the list is lengthily, some noted recognitions are Faculty Member of the Year, Faculty Excellence in Teaching, Faculty Excellence in Publication, Courageous Leader Award, and multiple Excellence Awards from the National Institution for Staff and Organizational Development. Dr. Walton also has a long list of publications, produced 29 videos, authored nine workbooks, produced many mediated learning and interactive mathematics materials, and has spoken widely on a national and statewide level about teaching with technology and technology leadership in the 21st century.

Dr. Walton serves as a technology advocate through his role as President of the California Communiyt College Academic Senate and assisted in authoring technology and education focus papers adopted statewide by the Academic Senate. Dr. Walton served as a member of the statewide Telecommunications and Technology Advisory Committee (TTAC) for six years, and was also the inaugural faculty member of the Systemwide Architecture Committee (SAC) serving two years and advising TTAC and the CCC System Office on technology issues and evaluations of systemwide technology projects.

For his visionary leadership, initiative and his far-reaching dedication to advance the use of educational technology, the California Community Colleges System Office recognizes Dr. Ian Walton with a *2006 Excellence in Technology Leadership Award*.

Mission College: www.missioncollege.org

Dr. Allan MacDougall – South Orange County CCD

Dr. Allan MacDougall has been a professional educator for 38 years and devoted 33 of those years to the California Community College system. From 1977 to 1984 he served as the Dean of Research and Information Systems at Southwestern College and has served the South Orange County Community College District (SOCCCD) since 1984. He is currently the Director of Information Technology at the district, and under his leadership the South Orange County CCD has made significant progress in delivering cutting edge technology to students, faculty and staff.

The SOCCCD has been recognized with multiple awards due to Dr. MacDougall's visionary leadership. In 1998 the SOCCCD was given a Community College Public Relations Organization (CC PRO) award for the district web site. Under Dr. MacDougall's tenure, the SOCCCD has been awarded two state *Technology Focus Awards* – one for the MySite web portal in 2001 and again for the SmartSchedule online class schedule in 2005. The innovative nature of these systems was also recognized on a national level with a Digital Education Achievement Award in 2004 from the Center for Digital Education.

Dr. MacDougall has served a number of state and national organizations that further the goals of higher education technology. He was the regional representative, program chair, vice president, and president (two years) of Chief Information System Officer Association (CISOA) for California Community Colleges. He represented the community college system for two years on the state Chancellor's Consultation Council and was an appointed member of the Telecommunications and Technology Advisory Committee (TTAC). Dr. MacDougall also served as president of the Southern California Institutional Researchers Association, a CAUSE Member Liaison Committee member from 1987-1989 and as the moderator for the Educause IT Funding Working Group from 2002-2003. At Southwestern College, he was the sole community college representative on the Inter-university Consortium for Educational Computing (ICEC) – a major national initiative funded by the Mellon Foundation.

For his visionary leadership, initiative and his far-reaching dedication to advance the use of educational technology, the California Community Colleges System Office recognizes Dr. Allan MacDougall with a *2006 Excellence in Technology Leadership Award*.

South Orange County CCD: www.socccd.org

Technology Focus Awards

DARE: Disability Accommodation tRaining Environment – Long Beach City College

DARE to Care: Disability Accommodations tRaining Environment project is an interactive, Web-based, multimedia simulative training program in which faculty learn to identify and handle disabled student issues in their on-campus and distance learning classes. The project is used as the core training tool by the Disabled Student Programs and Services (DSPS) office, office of Faculty Professional Development, and Human Resources at Long Beach City College (LBCC) to disseminate information, services, and resources regarding faculty accommodation of students with disabilities. The project was developed by the Instructional Technology Development Center (ITDC) at Long Beach City College, and funded in part by a three-year grant from the Fund for the Improvement of Postsecondary Education (FIPSE) at the U.S. Department of Education.

The program goals include: 1) providing faculty with interactive, multimedia courseware to make them more knowledgeable and comfortable including disabled students in their class activities and thus contributing to disabled students' success; 2) encouraging communication between faculty, disabled students and the DSPS office; 3) providing ongoing access to accurate and comprehensive legal and practical information about students with disabilities; and 4) facilitating faculty training sessions on using the project and applying it in their face-to-face and distance learning courses. Because the program is internet-based it allows faculty easy access to the training environment and material at any time convenient for them. Additionally, Faculty Professional Development and Human Resource offices can use the program as an integral part of their training curricula without the burden of scheduling. The program is an attractive and cost-effective solution as no on-campus facilities or resources are needed.

The DARE project is available free to any faculty in the UnitedStates and the world. The program can be used by individual faculty for self-training, or by any educational institution that wishes to offer the program systematically to its faculty population. As of April 2006, in addition to LBCC faculty users, over 200 users from 96 educational institutions nationwide have already used "DARE to Care" at their institutions.

The California Community Colleges System Office recognizes the DARE: Disability Accommodation Training Environment project team at Long Beach City College with a *2006 Technology Focus Award*.

http://dare.lbcc.edu
http://www.lbcc.edu/

Curriculum Management System – Foothill College

The Curriculum Management System (CMS) project is a database and curriculum management system developed by Foothill College to house the college's official course listings, course descriptions and related schedule and catalog information. The CMS project's objective was to completely replace and update the college's system for housing official catalog and course data in spring 2004, after it became clear the college's outdated Filemaker-based system would no longer function. Faced with budget cutbacks but the critical need for a new system, the CMS project was developed in house and provides deans and faculty a whole new menu of online access, services and functionality. The system debuted in January of 2005.

The Foothill CMS offered a powerful new resource for housing curriculum information benefiting administrators, faculty and students. Administrators and faculty are now able to log into an online database where they can review and make changes to their catalog and schedule information. Those changes are then flagged in the system for review by the instruction office prior to being finalized. Students benefit by having a more powerful searchable online schedule, and fully accessible online catalog information, unavailable in the previous, outdated Filemaker database.

The main challenges faced were writing a completely new system, porting the data into it from the old Filemaker databases, and creating a system that would allow online access to deans and faculty. Beginning Spring 2004, Foothill staff created the new CMS over the course of one year. The system offered deans and faculty a paperless process for updating their schedule and catalog listings, a new place to house course "green sheets" or course outlines. In addition, a more powerful online schedule was offered to students, and the system offered the instruction office a sophisticated editing tool for managing changes to course information submitted by deans and faculty.

The California Community Colleges System Office recognizes the Curriculum Management System project team at Foothill College with a *2006 Technology Focus Award*.

www.foothill.edu/cms/
www.foothill.edu

Digital Open Media Project – Riverside CCD

The Open Campus's Digital Open Media (OCDOM) project at Riverside Community College District (RCCD) consists of three parts: 1) Online Technology Quarterly, 2) Digital Academy, and 3) Online Limitation on Enrollment. The OCDOM goals include: 1) digitizing resources to increase access, and 2) the "open source" sharing and distribution of these resources throughout the California Community College system. RCCD envisioned the need for the project largely because the District plans to move from three campuses to three separate colleges. The Open Campus is a District-level office, and was concerned about being able to provide training

services and communications across three separate colleges. Riverside saw digital distribution as a winning solution that provided increased access to resources from more places, at more times, in a greater variety of formats—while at the same time being more economical. Producing the three sections of the Open Media project has been an in-house effort. The three components of the OCDOM were produced by a combination of Open Campus team members, District Disabled Students Program and Services and Matriculation offices and the Information Services division.

The Online Technology Quarterly part of the OCDOM has leveraged recent progress in digital publishing software to construct a digitally-distributed magazine that rivals newsstand publications in look and feel. A quarterly educational technology magazine is being produced in two formats: an expanded RCC-centric format tailored for RCCD, and a shorter "generic" version. Through cooperation with the System Office, the Online Technology Quarterly is offered to all California Community Colleges for rebranding at their institutions.

The Digital Academy segment of the project uses a combination of trainer video, streaming software tutorials, a web-based help environment, and online interaction to provide the benefits of the live training environment in a way that maximizes resources while increasing flexibility for busy instructors. Previous to the Digital Academy, RCCD trained over 150 faculty to teach online or hybrid classes using a one-day "Hybrid Academy" that utilized face-to-face training. However, at the same time that faculty demand for the Academy training is increasing, Riverside's three-campus college is in the process of becoming three independent colleges. Lacking the resources to duplicate the live training in three locations, the Open Campus digitized the Hybrid Academy, providing all the training and support of the on-campus version in a variant that can be completed online. Riverside is making the Digital Academy materials freely available and has so far distributed two DVDs worth of training to over 30 institutions.

The Online Limitation on Enrollment component consists of a series of Internet-based tutorials that all prospective new online students must complete in order to register for online classes. Demand for RCC's online classes is high and they fill quickly; therefore, each student who drops can be viewed as having denied another student a chance to succeed. Feedback from Riverside's online faculty suggested that some students failed simply because they lacked basic computer skills. After study, RCC opted for a program-wide online "Limitation on Enrollment" whereby each prospective online student must first complete a series of tutorials on basic online skills before being allowed to register for online classes. The online limitation on enrollment feature (which has increased online class retention 6 percent) is being shared with other institutions as well.

The California Community Colleges System Office recognizes the Digital Open Media project team at Riverside CCD with a *2006 Technology Focus Award*.

Health Information Technology – Santa Barbara City College

The Health Information Technology (HIT) project actually began back in 1997 when Santa Barbara City College (SBCC) led a regional consortium of eight colleges to develop a distance

education Health Information Technology Program which provided access to training for careers in expanding health information fields. During the first several years the program incorporated best practices of distance learning and transformed into a fully online program known for excellence of instruction. Students were required to attend distance education orientation at the beginning of the semester at Santa Barbara City College, Cuesta College or Moorpark College. A faculty member at each site distributed applications and course enrollment forms, sold textbooks, collected fees and distributed course notebooks. The students now considered prepared for online instruction, and were expected to work online at a local campus computer lab. Although the curriculum was online, students faxed, emailed or mailed completed assignments to faculty and took final exams at one of the sites. While innovative in some respects, the program still had one foot in the on-site world. Enrollment was limited to students who could attend at one of the sites at the designated times.

The HIT was soon converted to 100 percent online, providing access to a larger student population, increasing enrollments and attracting the most qualified instructors. Students can complete coursework any time and anywhere and customize schedules around family and work. Students include those who are working fulltime, stay-at home mothers and people returning to the work force or retraining and students in rural locations.

Today, an expanded Health Information Technology/Cancer Information Management Program offers five degrees and certificates for over 700 registered students. Certification success rates exceed the national standards. In 2004, 100 percent of graduates passed the national Registered Health Information Technician (RHIT) exam. Over the last three years, 85 percent of graduates are working or continuing their education. In 2004-2005, 100 percent of clinical site supervisors expressed satisfaction with the competency of SBCC HIT students placed in their organizations for the final professional directed practices. One benefit for faculty is that for the first time SBCC campus contract faculty were not required to live in the community and can work from their homes. This fully online program has provided our faculty the same flexibility as the program's students and can ensure that SBCC can attract the most highly qualified faculty.

The California Community Colleges System Office recognizes the Health Information Technology project team at Santa Barbara City College with a *2006 Technology Focus Award*.

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