

INSIDE THE EDGE

Tracking Technology: From the System Office.....	2
Conference Calendar.....	3
@ONE Spring Technical Institute.....	3
Grant Writing Webcast Available Free to CCC System.....	3
Faces of Technology: Deborah Ludford, IT Director, NOCCCD.....	4
CCCTran: Electronic Transcript Update.....	5
CVC Online Teaching Awards Recognize Online Courses.....	6
CVC Scholar/MERLOT Fellow to Focus on Webcasting.....	6
CCCSAT: Programming as Unique as the System	7

OTC to Showcase Excellence in Distance Ed

by Sandoval Chagoya,
Editor, CCC TechEDge

The 2007 California Community Colleges (CCC) Online Teaching Conference (OTC) will take place June 11-12, 2007 at Ohlone College in Fremont, California. Register early for special pricing for in-person attendance. The conference theme this year is "Going for the Gold: Achieving Excellence in Online Education."

The annual Online Teaching Conference is a two-day conference featuring sessions with leaders in online education, mixed with presentations on new technologies and methods to improve quality in distance education. The conference also allows time for in-person attendees to meet with others in their own disciplines, to compare notes and make new friends.

New this year and in step with the conference theme is the CVC Online Teaching Awards Program. The awards program was created to acknowledge and reward excellence and hard work in distance education within the CCC System. Three finalists from the 21 initial awardees will be asked to share their online courses by presenting at the conference. More



information about this new program and where to find a list of the 2007 winners is available in this issue.

Online teaching luminaries expected to present include Keynote Speaker Jim Farmer, Chairperson, Instructional Might and Magic, Georgetown University, and former Vice President of Information Technology, Los Rios Community College District. He will discuss successes of online education, technology for the next two-three years and the long-term promise of online learning.

>> more: OTC, page 7

The CETC Technology Ambassadors Come Out Swinging

by Laura Gropen,
Marketing Services Manager,
CCC Confer and CCCSAT

It looked just like the winning line-up for the World Series of systemwide technology advocates, but it was really the California Educational Technology Collaborative (CETC) Ambassadors signing on for another season. That's right, the CETC Ambassador Program brought back a team of 65 incredibly dedicated and talented individuals. By December 2006, another 12 had joined the program; there are plans to bring the numbers to 85.



The returning Ambassadors have kept up the word on CETC project resources on their campuses with flex-day activities, technology events, Webinars, newsletter articles and a variety of unique contests. New Ambassadors have been busy learning their roles through fall training, as

well as bringing new ideas to the game. All have attended a variety of meetings to share stories and to provide feedback from the campuses to the projects. To keep all the players up to date, a special section was created on the CETC Web site.

"There are so many campuses in the system that now know more about the CETC projects and services because of these hard-working individuals," said CETC Ambassador Coordinator, Leslie Wallenius. "A number of campuses have some exciting and informative activities to look forward to this spring."

>> more: CETC, page 7

NOTE: Current TechEDge style uses 'System Office' to refer to the state agency also known as the CCC 'Chancellor's Office.'

TechEDge is published quarterly, with additional special issues published throughout the year. It is distributed to distance educators, information systems officers, business leaders, the California legislature and other interested parties. A current editorial calendar is available at <http://www.ccctechedge.com>.

Funded by a grant from the California Community Colleges System Office and published by the California Community Colleges Technology Center, its purpose is to provide timely and relevant news about telecommunications and technology in California's 109 community colleges.

TechEDge welcomes relevant submissions and feedback, and we will gladly add you to our mailing list by request. Direct all correspondence to the TechEDge editor, Sandoval Chagoya, at:

editor@ccctechedge.com.

Contributors:

David Albrecht
Juri Brilts
Bill Doherty
Donna Eyestone
Karla Garcia
Joe Georges
Laura Gropen
Deborah Ludford
Catherine McKenzie
Pat Pascale
Patrick Perry
Lenny Robison
Lynn Strand Marks

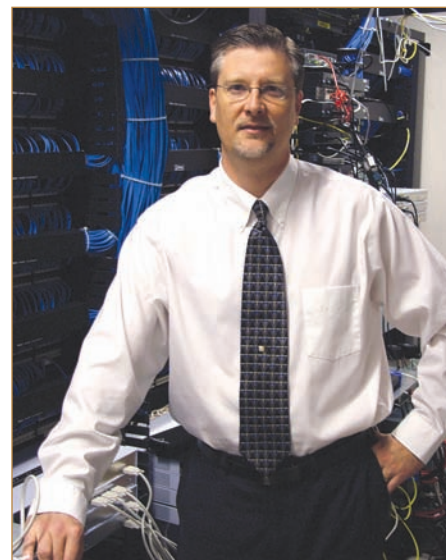
Tracking Technology: From the System Office

My column has been absent from TechEDge for a number of issues, with good reason: I have been working two jobs for eight months—one with the California Community Colleges (CCC) System Office, the other with the Foundation for CCC. After a bit of soul-searching, I decided to return to my position as Vice Chancellor of Technology, Research & Information Systems (TRIS) with the System Office late last year. I am both happy and grateful for being given the opportunity to explore another career path, but it was not my time to leave my Management Information Systems and Research constituents. There are a slew of very important and challenging initiatives going on in the TRIS Division, and I want to see them to fruition.

In the Technology realm, the system has identified more than a dozen initiatives that are to be pursued in the next 3-5 years. These initiatives have become the backbone of the Tech III Plan, a strategic planning document designed to guide system initiatives that will benefit students, faculty and technology staff systemwide. While still in its final drafting stages, the Tech III Plan was used to submit budget proposals for the 2007-08 budget cycle. By the time the budget's May revision comes out, we hope to begin to see the fruits of our labor.

In the MIS arena, we have already completed a major rewrite of the CCC system's apportionment program, as driven by SB361 changes. Using the help of a well connected and knowledgeable retired annuitant, former CCC System MIS Director Bill Hamre, a new and greatly simplified apportionment process was created. The new process promises great transparency for the field, as the entire program was written in Excel. Additionally, we are undergoing a back-end database platform conversion from NCR-Teradata to MS-SQL in early spring 2007. While the conversion should be transparent to the field, as all Chief Information Service Officers know, these transitions can be a major undertaking behind the scenes.

In the Research Unit, two years worth of accountability work is nearing completion. In March 2007, the CCC System will submit its first Accountability Reporting for Community Colleges



(ARCC) report, a mammoth 700-plus page document featuring 13 accountability metrics, extensive peer grouping analysis, college profiles and individual evaluation responses from each campus. While accountability reporting can be tricky, the new ARCC report represents a light-year's jump forward in reporting from our Partnership for Excellence days. The report has already been praised by the state as a valuable dashboard tool and an example of an effective collaboration between the colleges, CCC System Office and the state.

In 2007, the TRIS Division plans to make as many field visits as possible to spread information on the use of centralized technology applications, data resources and reports, and research performed on behalf of the system. All in all, we plan on making more than 50 official appearances at sponsored trainings, constituent conferences, workshops and committee meetings. The TRIS Division is committed to using and leveraging the centralized resources it has and can make available to others to improve the experiences of our students. We look forward to seeing all our colleagues in 2007.

Patrick Perry

Patrick Perry
Vice Chancellor,
Technology, Research & Information Systems,
California Community Colleges System Office



Conference Calendar

CENIC '07: Making Waves

La Jolla, California **March 12-14, 2007**

Corporation for Education Network Initiatives in California <http://www.cenic.org>

ADEC Summit XVIII: Connecting Leaders to Solutions

San Francisco, California **March 14-17, 2007**

Alliance for Distance Education in California <http://www.adec-cal.org>

The 2007 CISOA & RP Group Conference: Using Research and Technology To Improve Student Success

Orange County, California **March 25-28, 2007**

CCC Chief Information Systems Officers Association <http://www.cisooa.org>

The Research and Planning Group for CCC <http://www.rpgroup.org>

2007 TechEd International Conference & Exposition: Inspiring the Vision

Ontario, California **March 25-28, 2007**

The Community College Foundation <http://www.techedevents.org/2007>

2007 Secure IT Conference - 5th Annual Information Technology & Network Security Conference

Sacramento, California **March 27-29, 2007**
<http://www.secureitconf.com>

EDUCAUSE Western Regional Conference 2007 Next-Gen IT: New Leaders, New Students, New Directions and Expectations

San Francisco, California **May 7-9, 2007**

EDUCAUSE <http://www.educause.edu>



Spring Technical Institute

Presented in Partnership with Mt. San Jacinto College

Monday, April 2 - Thursday, April 5, 2007

by Lynn Strand Marks, Marketing Services, @ONE Project

What happens when you spend a week away from your day-to-day IT duties to learn new skills? You return with knowledge that will enable you and your campus to embrace new technology with confidence. That's what the @ONE Spring Technical Institute is all about. The @ONE Spring Technical Institute offers hands-on, high-quality workshops that are tailored to California Community Colleges (CCC). Workshops, including lunch each day, cost just \$50.

This year, @ONE has expanded to THREE workshops, to best meet the needs of CCC administrators, faculty and staff. The workshops offered this spring include:

Workshop I: Wireless Networking with 802.11

Wireless networks are becoming an increasingly critical part of college IT infrastructure—and it's no small task keeping one up and running while maintaining adequate security. Come to learn all about networking with 802.11, starting with the basics of setting up a robust, secure network and progressing into advanced topics that will help provide you with the knowledge and tools to establish and maintain a scalable, wireless network.

Workshop II: Microsoft Vista - Towards a Seamless Migration

Microsoft Vista is now available, and with it comes questions from end-users and IT professionals alike. In this workshop, you'll get the knowledge you need to make informed decisions about moving to Vista, and the practical experience to deploy it on your campus.

Workshop III: Core Web Application Technologies with Microsoft Visual Studio 2005 Workshop

Interested in creating Web apps? Here, you'll learn to develop Microsoft ASP.NET 2.0 Web applications using Microsoft Visual Studio 2005. The workshop focuses on user interfaces, Web site structure and functionality, and implementation.

In addition, you can use these workshops to boost your career. Academic credit is available for an additional \$100 through Fresno Pacific University when you enroll separately and complete a small demonstration project after the institute. <>

To register, visit <http://www.ccone.org>.

Grant Writing Webcast Available Free to CCC System

California Educational Technology Collaborative (CETC) member Juri Brilts has published excerpts of his workshop "The Tao of Grants: Writing in a Non-Academic Voice." The 10-minute video and audio presentation is available free of charge to CCC administrators, faculty and staff.

As Manager of Grants Research and Development for the CCC Technology Center at Butte College, Brilts supports the statewide technology efforts of the CETC. Dan Barnett, CETC Technology Ambassador and Philosophy Instructor, helped Brilts choose excerpts from his workshop, which was video-recorded by Peter Dahl of the Broadcast and Electronic Services Department at Butte College.

Then the video was merged with the PowerPoint presentation and modified so that it can be downloaded and stored as a video file onto a computer, to be viewed on a cell phone, Personal



Juri Brilts

Digital Assistant, or MP3 player.

To view the ten minute video and audio presentation, please visit <http://www.butte.edu/itunesu>. If you do not have iTunes, you will need to download it for free to access the workshop.

For more information about the statewide technology grant efforts of the CETC, please visit <http://www.cccetc.org/grhome.htm>. <>

Faces of Technology

Deborah Ludford, IT Director

North Orange County Community College District

Leveraging Technology to Enhance Student Success

Deborah Ludford serves the California Community Colleges (CCC) as District Director of Information Services for North Orange County Community College District (NOCCCD). NOCCCD serves more than 65,000 students, including about 35,000 enrolled in the District's School of Continuing Education.

Deborah is approaching the 20-year mark in her career with the CCC. She spent the first 10 years in the classroom as an associate professor teaching Computer Science and Information Systems at Glendale Community College. She also served as an associate dean and then Dean of Information and Technology Services. In July 2003 she became Dean of Business and Computer Information Systems at Fullerton College before assuming her current role with the District in July 2005.

As the NOCCCD Chief Information Systems Officer, Deborah is focused on leveraging the District's existing technology assets. During a telephone interview from her office in Anaheim, she said, "It's one of our main goals for this year. Our department intends to provide the District with the best technology for the best value. It's a way of doing more with less."

When asked for concrete examples, she provided four areas of focus intended to allow NOCCCD to do more with its existing technology infrastructure: Portal implementation, Course Management System (CMS) evaluation, bond construction and process improvement.

Portal implementation: During the next year, Deborah and her team will implement a District-wide offering of personalized Web Portal services for students, faculty and staff. The Portal will provide a single point of contact and a single access point for all college services.

Portal implementation is expected to have direct impact on student success. "The Portal helps to establish long-term relationships with our students," Deborah said. "We are able to stay with the student for the life cycle of their education and alert them to requirements and new offerings based on their stated goals. We will provide a highly personalized experience"

CMS evaluation: Recent changes in the academic arena have prompted NOCCCD to evaluate its CMS systems. The BlackBoard(Bb)/WebCT merger and the subsequent increase in usage fees have the District weighing its options.

The NOCCCD is ideally situated for this evaluation because leading into the BlackBoard/WebCT merger each of the District's three campuses used a different CMS: one used BlackBoard, one used WebCT and one used the open source CMS Moodle.

Deborah is working District-wide with faculty and administrators of all three colleges to determine the best course of action. A collaborative work group has been formed with members participating in forums, viewing live vendor demos, and



NORTH ORANGE COUNTY
COMMUNITY COLLEGE DISTRICT

conducting research. The group will work towards a consensus and make a recommendation next year of best practices concerning CMS.

Bond construction: As District Director of Information services Deborah is responsible for ongoing development of the NOCCCD telecommunications and network infrastructure supported by public bond funding. Her challenge is to keep the network technologies relevant and current, including implementation of wireless networks and support for Voice Over Internet Protocol.

"I am responsible for the network and I want it to be as responsive as possible," she said. "This is extremely important because students today demand access to technology and technological services; many have never known a world without it. This is a very rewarding part of my job to me.

The computers, hardware and network are required educational tools. They connect faculty and students to each other."

Process improvement: When Deborah started as District Director in 2005, she inherited, in her words, "an excellent infrastructure" from her predecessor, Jack Raubolt. "I walked into a very exciting position because Jack had already set up an excellent technology infrastructure, which has allowed me to focus on process improvement."

Process improvement analyzes network and service use with an eye for ways to streamline processes to better serve users.

"It's not so much that we 'do more with less,'" Deborah said. "It's that we enable our users—administration, faculty, and staff—to do more with less. We are making the District's technological tools more effective for its constituents. And through focused data collection, we are able to achieve better, data-driven decisions."

The four examples that Deborah talked about represent a small portion of an overall set of goals and objectives meant to help the District meet legal and system requirements and provide higher quality customer service, all while continually planning for the future. The goals and objectives are a direct reflection of the District's mission and its culture, a culture based in technology and research.

It is also a culture that looks beyond the borders of its own District and collaborates with other Districts and with the CCC System Office. Deborah said she had tremendous respect for Patrick Perry and

Catherine McKenzie and the work that the CCC System Office is doing in the realms of research, Management Information Systems and technology. NOCCCD is a pilot college with the CCC Electronic Transcript Exchange Project also known as CCTran, which is funded by the System Office.

Many of the technical staff members at NOCCCD participate in the System Office technology advisory committees, and Deborah has been a member of CISOA, the statewide Chief Information Systems Officer Association of the CCC, since 2000. She is currently a CISOA board member.

"It is important to participate in pushing technology forward with the rest of the



Left to right: Rebecca, Deborah, Paul, Ted and Victoria at the National Boy Scout Jamboree.



Left to right: Rebecca, Deborah, Paul, Victoria and Ted on the lake in Arrowhead, summer 2006.

The CCC is lucky to have Deborah. When she became an associate professor for Glendale Community College, she left behind a promising business career. She has a master's degree in Management Science from the University of Southern California (USC.) Recognized early on for her analytic prowess, she worked for Atlantic Richfield after leaving USC. She also worked as a Price Waterhouse consultant, and later, as a Senior Systems Analyst and Systems Development Manager for Vons Grocery Company.

While at Vons she taught for Cerritos College through a college and business cooperative training program. It was by teaching in the cooperative training program that she discovered that she loved to teach. While her recent career has been more closely focused on administration and management duties, she still finds time to teach occasionally. "I miss teaching and I plan to go back to doing more of it when my kids are raised and out of the house."

Deborah has three children: Paul, 16; Rebecca, 14; and Victoria, 13. Paul is a high school sophomore who runs cross country and loves academics. Deborah described him as highly motivated and said the two of them are working together to plan his college years. Rebecca is an eighth grader attending Orange County High School of the Arts, where she experiences and practices art through the school's eight art conservatories. Victoria is in seventh grade, rides horses, loves animals and Deborah said she will probably be a veterinarian. The family raises three horses on the family's 1/2 acre mini-farm, including two miniature horses, one that Victoria shows competitively. Victoria is a black belt in Tae Kwan Do, and all three of Deborah's children play soccer.



Left to right: Deborah, Paul and Victoria, Rose Bowl 2007.

Deborah's husband, Ted, is a fourth-generation small business owner. His business manufactures and cans fruit juices for clients nationwide. Deborah met Ted at USC. They lived in Glendale for many years before moving to Yorba Linda in Orange County's north east corner.

Collectively, Deborah and her family are rabid Trojan fans, attending all USC football games they can, home and away. The family also has a second home at Lake Arrowhead where they enjoy sailing, power boating and other water sports.

Personally, Deborah enjoys needlework, which she said helps her to 'escape.' She said lately, though, most of her free time has been focused on enjoying life through her children and their many achievements. <>

CCC System. If we are all carrying the same standard, this will make us stronger as a system." And a stronger system will be more effective at fulfilling its mission of helping more than 2.5 million students improve their lives.

"I feel strongly about the mission," Deborah said. "We make the world a better place. We change lives and we give people hope. In my particular role, we use technology to achieve this."

CCCTran: Electronic Transcript Update

This spring a project sponsored by the California Community Colleges (CCC) System Office will begin providing electronic transcript exchange services. Having a Web-based system that enables electronic request, response and transcript exchange between the CCC and its educational partners is a significant accomplishment and well ahead of what most other states provide.

The CCC Electronic Transcript Project, also known as CCCTran, provides an electronic transcript system that allows flexible and secure transcript exchange between the CCC system and its trading partners. The centralized service will provide request, fulfillment and delivery processing, individually or in batch, manually or automated, with a high degree of local control over each aspect of the transaction.

Community colleges will be able to upload transcripts to the exchange using a structured text file. CCCTran will then present transcripts in HTML or for printing in Adobe Acrobat format (PDF). The system will also provide electronic transcript files in XML or EDI.

Colleges will have the option to automatically provide status updates to students via e-mail at selected stages of the transcript process. Transcripts can also be retained in a college's account for a locally defined period, making them accessible to college counselors that have been given access to the system. The standard transcript will include data that can be used by California State University (CSU) and University of California to satisfy their general education completion requirements.

Following the spring introduction of CCCTran, Web demonstrations and conference presentations are planned to provide product information. Offering CCCTran to the system at large represents years of collaborative planning, design, development and testing phases between the CCC, CSU and Xap Corporation.

The CCC project team consists of

Information Technology and Admissions & Records professionals from each of seven pilot colleges, CCC Chancellor's Office staff, and Xap representatives. The seven pilot colleges are Crafton Hills, Cypress, El Camino, San Jose City, LA Pierce, Sacramento City and Santa Rosa.

Representatives from six pilot CSU campuses are also working in tandem with the community college team to prepare the university system for receipt of CCC transcripts. The six pilot CSU campuses are Sacramento, Fullerton, Northridge, San Diego, San Jose and San Francisco.

The project chose Xap Corporation as the service provider for the centralized transcript exchange. Xap is also the service provider for the highly successful California Community Colleges Electronic Application System, also known as CCCApply, as well as <http://www.CaliforniaColleges.edu> and the CSU Mentor systems. More information about Xap Corporation is available at <http://www.xap.com>.

After CCCTran has been offered to the colleges initially, the project team will continue to work on enhancing electronic transcript services. For example, the team is working with California School Information Services and the California Department of Education to expand CCCTran to include high school transcripts. The expanded service is supported by a federal grant and expected to be available late 2008.

The per-college cost for CCCTran is minimal. The annual license fee per community college for 2006-07 is \$5,000. Multi-college and small college discounts are available. There is an additional \$5,000 installation fee, however colleges currently using CCCApply, or installing CCCApply concurrently, have the fee waived. Colleges interested in licensing CCCTran are encouraged to contact Romy Teh, at romy@xap.com, for more information.

The CCC System Office Technology, Research and Information Systems Division funds CCCTran. For more information about CCCTran contact Lenny Robison, Project Manager, at lenny.robison@sbcglobal.net.

"Faces of Technology" is a regular feature of TechEDge newsletter. Each issue it will highlight an individual making contributions to technology in the California Community Colleges.



Online Teaching Awards Recognize Online Courses

by Joe Georges,
Department of Political Science,
El Camino College

The California Virtual Campus (CVC) Online Teaching Awards Program is a new online mini-grant competition for California community college faculty. The program encourages faculty to submit either a development plan for a new online course that has been approved through the curriculum peer-review process at their college or a plan for improving an existing online course.

The goal of the program is to recognize faculty members teaching online for their hard work in new-course development and to encourage them to improve existing courses, perhaps by adding new technologies that enhance learning.

Each CVC mini-grant winner is awarded \$1,000 for their course. Of the 21 winners chosen for 2006-07, three will

be selected by a panel of judges in May for an additional stipend—\$2,500 for first place, \$1,500 for second place and \$500 for third place. These three winners will be asked to present their courses at the annual CVC Online Teaching Conference in June. Their travel costs will be covered by CVC.

The first place winner also agrees to submit their course for consideration by the MERLOT International Conference (MIC) Planning Committee as a possible presentation at the next MIC. This year's winner will present during the summer 2007. If the MIC Planning Committee accepts the presentation, CVC will pay the presenter's travel expenses for the MIC.

All full-time and adjunct California community college faculty are eligible to apply if their online courses or proposed online courses meet certain requirements. To begin with, a course must have been approved for online delivery using the

developer's college curriculum peer-review process. At least two-thirds of the instruction must occur online.

Web-enhanced courses, in which most of the instruction occurs in the classroom, are not eligible. The course must also meet federal Section 508 requirements for accessibility, and applicants must certify that they have appropriate copyright permissions for their course materials. Courses developed or improved under this grant should consist substantially of content created by faculty authors, rather than content from textbook publishers.

The selection criteria applied by a panel of judges differ to an extent, depending upon whether a course exists already or is just in a development stage. However, the criteria include educational content, course usability considerations, planned use of multimedia, degree of faculty-student and student-student interactivity and accessibility.<>

For more information about the California Virtual Campus, its Online Teaching Awards and the 2007 awardees: <http://www.cvc.edu>.

CVC Scholar/MERLOT Fellow to Focus on Webcasting

by Sandoval Chagoya, Editor, CCC TechEDge

The California Virtual Campus (CVC) Online Teaching Awards judges panel has appointed Donna Eyestone to serve as the first CVC Scholar. Her area of expertise is webcasting in support of distance education. Webcasting is using the Web to deliver live or delayed versions of sound or video broadcasts. Eyestone will also be the first CVC MERLOT (Multimedia Educational Resource for Learning and Online Teaching) Fellow.

As CVC Scholar, she will become the CCC system's champion for the development and deployment of webcasting technologies for the CVC project. She will serve as a resource for CCC colleges working with webcasting technology solutions. Ultimately, she will lead the CVC project's systemwide efforts to develop webcasting pedagogy, policies and methodologies in support of all faculty members.

As CVC MERLOT Fellow, Eyestone will work with

the MERLOT executive team to develop and deploy a Teaching Commons Area on the MERLOT Web site focused on "Webcasting in the CCC System." The Commons Area will serve as a repository for content that Eyestone will develop and assemble, all relating to pedagogical aspects of webcasting.

Her role will include efforts to share intersegmental knowledge by working with the CSU, UC and K-12 systems and the CCC colleges to develop collaborative solutions. Efforts may include working with vendors to investigate the feasibility of establishing systemwide webcasting solutions.

Eyestone teaches online at City College of San Francisco, where she is a part-time instructor in the Broadcast Electronic Media Arts Department. She is also an "online peer" for City College's Distance Learning Office, where she reviews the instructional design of online courses, and an online



Donna Eyestone

trainer for the @ONE project. Despite her many responsibilities, Eyestone is also a stay-at-home mother to a two-year old.

Eyestone's work will be featured at the 2007 Online Teaching Conference in June. For additional information about the CVC Scholar role, visit the CVC Web site at: <http://www.cvc.edu>. < >

OTC: [from page 1 >>](#)

There will also be a keynote presentation from CCC technology leaders Patricia James Hanz, Dean of Academic Success and Technology, Mt. San Jacinto College, and Dan Barnett, California Educational Technology Collaborative Ambassador and Chair of the Distance Education Committee at Butte College. They will lead a fun, interactive session underscoring the passion of teaching online while sharing wisdom and lessons learned from years of working with students in an on-line environment entitled, "The Thrill of Victory, the Agony of DE (as told by the Ancient Geeks)."

Another highlight of this year's conference is the "New Technologies Panel," featuring an assortment of experts and wizards at integrating new technologies into education. New technologies will include streaming video, new ways of using CCC Confer and CCCSAT, and a discussion of the ever-changing arena of Course Management Systems. Donna Eyestone, new CVC Scholar and CVC MERLOT Fellow, will present on webcasting.

This year's conference expands on the hybrid format first offered last year. Twice as many attendees—up to 400—will be able to participate in person at Ohlone College, and all those who would like to attend virtually via the Internet will be accommodated. In addition, the entire conference will be archived and made available for downloading from CCC Confer and CCCSAT.

Sign up by March 30, 2007 to receive the special early bird price of \$75 for in-person attendance. Registration includes some meals. Virtual attendance is free of charge for the educational community, but still requires registration.<>

Register now at:

<http://www.ccone.org/07Conference/register.htm>.

CETC: [from page 1 >>](#)

The CETC Ambassador Program was the brainchild of the CCC System Office. CETC was created in February 2004 as a means for the various systemwide technology projects and services to collaborate and share resources. The Ambassadors were recruited to increase awareness of these projects and services which include:



CCCSAT : Programming as Unique as the System

by Laura Gropen, Marketing Services Manager, CCC Confer and CCCSAT

With giant satellite dishes on campus buildings in each of the 109 community colleges, it's hard to imagine that everyone in the system isn't aware that the CCC has a state-of-the-art satellite television network that delivers educational programming 24/7. The California Community College Satellite Network (CCCSAT) has been diligently doing its job for more than seven years; delivering tens of thousands of hours of courses and educational and general interest programs through its satellite downlinks, as well as through the Internet. CCCSAT programs have been used by faculty in a variety of ways, from delivering distance education courses to supplementing classroom instruction.

The line-up scheduled for spring features programs and series from a number of colleges, including Cerritos College, Palomar College and Modesto Junior College. The topics of these shows range from Statistics and Math to a speakers series on global issues. Other colleges have also provided programs that will air this spring, including Butte College with both U.S. History: 1877 to the Present and Applied Physical Science; Sacramento City College with Political Science; and Palomar College with Contemporary Legal Issues.

Not certain how to access CCCSAT? There is a list of campus outlets on the CCCSAT Web site, but in addition to a number of classrooms, libraries and other campus locations, programming is available through the Internet. CCCSAT airs on two different channels: ACN Channel 80 and Channel 90. Channel 80 features a full line-up of daily programming broken into 12 separate areas of interest including arts, professional development, shared governance,

CCC news, health, diversity, community services, CCC affiliates, and academic and library resources. All of this channel's programming is simultaneously webcast. Channel 90 features special programs, live events and distance learning series.

"CCCSAT offers programming as unique as the system," said Blaine Morrow, Project Director. "As more colleges understand that they can contribute programs that benefit the entire system, CCCSAT continues to grow as a resource for both the classroom and the community."

In addition to procuring programming from the system, CCCSAT also partners with producers and distributors in the public sector including Annenberg, the Center for Disease Control and NASA, to name just a few.

CCCSAT has been keeping up with the technology of the times and offers a variety of additional services including streaming media, podcasting, webcasting and video conferencing. Those interested in receiving the latest news from CCCSAT can set up RSS. RSS is the easy way to get information like news, sports or professional blogs, delivered automatically to a homepage. Sign up to receive a RSS—short for Rich Site Summary—feed from CCCSAT and get up-to-the minute information on programs, series and special events.

CCC faculty members also have access to a variety of other unique services from CCCSAT including the ability to store and access up to 100 MB of supplemental video material for students to access 24/7; present a live webcast to remote students or to archive for later viewing; and license proprietary distance learning series. <>

For more information on the unique world of CCCSAT visit: <http://www.cccsat.org>.

California Community Colleges Satellite Network (CCCSAT); CCC Confer e-Conferencing; @ONE Training; CCC Clearinghouse Electronic Repository; California Virtual Campus (CVC); CCC Technology Center (including TechEDge); CCCApply; Foundation for CCC; and the Corporation for Education Network Initiatives in California (CENIC).

These projects provide the system with a variety of educational technology resources, including infrastructure management; applications software support; e-conferencing services; database development and management; technology training; and curriculum development and delivery. Most of the projects are funded through grants from the System Office.<>

For more information on CETC and the Ambassador Program visit: <http://www.cccetc.org>.



FIRST CLASS
AUTO
US POSTAGE
PAID
PERMIT #45
OROVILLE CA
95965-8399

CCC System Office

CCC Technology Center
Butte College
3536 Butte Campus Drive
Oroville, CA 95965

<http://www.ccctechedge.com>



Spring Distance Education Courses Filling – Sign up now!

Would you like in-depth training on multimedia or online teaching...without leaving your desk?

Or how about making reservations for Lunch n' Learn Desktop Seminars, serving up tasty topics and usable tips right to your desktop?

Plus, these online courses are free of charge to CCC faculty and staff!

Check out the available courses at <http://www.ccone.org/de>

We'll see you in class!

- Bill Doherty, Director, and the @ONE Project Team