IT TIMES
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UC Davis information and educational technology news
Summer 2002

The Evolution of Educational Technology

Mediaworks Embraces Digital Age

BY JEFF VAN DE POL

Photo by Caroline Cardwell

State of the Arts

James Fong, site manager of the Mondavi Center for the Performing Arts building project, overlooks a stairwell to be placed in the Main Theatre of the new performance hall. Mediaworks Photographer Caroline Cardwell captured this photo as part of an archival project documenting the complex process of building the state-of-the-art performance center. By the time the center opens its doors to the performance season (October 2002) Cardwell will have taken over 2,000 photos to be used for instructional and historical purposes. The Art and Photography group in Mediaworks is "exploring all the possibilities for digital archiving and storage of photos," Cardwell explains. For more information about the upcoming season of events at the Mondavi Center, visit *http://cfa.ucdavis.edu*, or call 1-866-UCD-ARTS.

A few years ago, Simone Monnier Clay would have laughed at the idea that she would become actively engaged in the use of educational technology at UC Davis. Back then, her computer "was just a word processing machine that was a little more convenient than a typewriter," shares Clay, a lecturer in the French and Italian Department. Expanding her computer skills seemed a daunting task. "It's frightening when you haven't handled technology much."

Since then, Monnier Clay has come a long way, learning all sorts of educational technology skills, including how to build a Web site, use automated class lists, and incorporate interactive software and MyUCDavis to supplement her French classes. In fact, she became so adept with educational technology that she was asked to do a presentation at last year's Summer Institute for Technology in Teaching (SITT). She then participated in the Educational Technology Partners Program which pairs technology-trained students with faculty members. Next, Clay intends to present at the upcoming SITT conference.

Of course, learning so much in such a short period of time is quite an accomplishment, especially since Monnier Clay also teaches. How did she manage to do this? With a lot of hard work and much assistance from Mediaworks staff. "The Arbor staff were so patient and helpful, and as I started working on one thing, it led to another," she says, "and with the help of my ET Partner, I got excited and wanted to do more and more."

Mediaworks, the campus resource for instructional technology and digital media is celebrating its second year on campus. Its evolutionary path over the past two years has been similar to Monnier Clay's.

A Look Back at Mediaworks

The formation of Mediaworks traces back to 1999, when Acting Associate Vice Chancellor Jerry Hallee proposed creating a new "Technology and Media Services Unit" to provide more focused educational technology and media services support for faculty. The proposed unit was intended to address concerns that surfaced during the Administrative Unit Review of the Division of Information Technology.

Upon his appointment in September 1999, Vice Provost John Bruno moved forward with the creation of the Information Technology and Digital Media Center (or ITDMC for short), combining two IET units and creating a group of educational technology specialists. In July 2000, Dr. Harry Matthews was appointed to serve as the Director of the new center, which was later renamed "Mediaworks."

Over the past two years, Mediaworks has successfully made a series of important accomplishments, particularly in the field of educational technology. "Working with key campus partners like the Teaching Resources Center (TRC) and the Library, we have established a proposal review process for educational technology grants, and helped develop hybrid online courses to help deal with classroom overcrowding," states Dr. Matthews. "We have also partnered with students to develop the new Educational Technology Partners Program to train faculty in the effective use of technology."

Educational Technology Grants: Using Technology to Improve Instruction

To encourage the use of educational technology, the TRC and Mediaworks have awarded over $100,000 in Educational Technology Grants (*http://mediaworks.ucdavis.edu/edutech/ETGrants/*) for course enhancement projects. This program is in addition to the grants already offered by the TRC and the Vice-Provost of Undergraduate studies. Dr. Naomi Janowitz, a professor in the Religious Studies department, is a recent recipient of an ET grant. She solicited the talents of the audio/video group in Mediaworks to film each of her lectures. Mediaworks then digitized her filmed lectures so they could be made available to students via DVD, public access television, and streaming video files posted on Janowitz's Web site. "As an instructor, I get about 30 hours per quarter with my students. I decided to use these hours for discussion, rather than lecture," explains Janowitz. Having viewed the lectures in the format of their choice, the students were able to use precious class time to directly engage Janowitz in a discussion of the material covered in the lecture. One student remarks: "Everyone has times when they are too busy, or sick, or just not motivated. With the video lectures, I was able to watch when I had time and motivation to learn from them. If I became confused on a certain topic, I could go back and watch it again, and the professor was then available in class if I had any questions."

Janowitz explains, "the technology Mediaworks offers is powerful, since it allows me to experiment with different modes of delivering instruction to a wide variety of students who all have different learning styles."

Hybrid Online Courses: The Best of Both Worlds

Mediaworks has also helped tackle the problem of growing student enrollment and classroom overcrowding. The unit has helped several campus departments put high-demand general education courses online. Made possible through the UC Davis-Mellon Project (*http://moby.ucdavis.edu/Mellon/*), students in certain Anthropology, Viticulture, Statistics, and Asian Art History classes (among many others) now have the choice of taking these courses either via computer or within a classroom setting.

Technology Evolves continues on page 4

By Bob Ono, IT Security Coordinator

Attack of the Klez

Almost everyone who uses email knows about the infamous Klez virus that made its appearance on campus this spring. This computer virus infection spread by email and infected email attachments and files in shared directories. The virus could randomly change the subject and body of an infected email message, disable anti-virus programs, release confidential information as an email attachment, and forge the apparent email address of the originator. You may have been shocked with accusations from co-workers or peers that you had sent them a Klez-infected message without your even knowing it. Even worse, after the initial Klez outbreak, many campus units reported outbreaks of Klez clones. As you know, Klez hasn't been the only threat this year. A number of viruses are constantly threatening the availability of the campus email servers.

New Anti-Virus Software to Benefit Campus, Departments

In May, Information and Educational Technology (IET) took a major step towards improving virus control by purchasing specialized anti-virus software that—beginning in July—will scan and delete infected inbound and outbound email coming through the central campus servers, which process an estimated 70 percent of campus email. This means that individual email recipients on campus won't ever see the viruses that were attempting to infect their computer systems. These new email anti-virus servers will act as sophisticated nets, catching viruses before they spread their damage. The senders of the infected email will be informed of a possible virus infection and requested to remove any virus conditions.

"These new email anti-virus servers will act as sophisticated nets, catching viruses before they spread their damage."

While the costs for this new anti-virus service are not trivial, IET believes it must take steps to reduce the virus infection rate on campus. The time and money spent to recover from viruses is so high that this email anti-virus software will pay for itself within as little as two years. Virginia Tech, a University that is also ahead of the curve when it comes to security measures, installed a similar anti-virus system last summer. According to Randy Marchany, who runs the security lab at Virginia Tech, "Just three months into it, we intercepted our millionth virus"

For the full story, log on to http://ittimes.ucdavis.edu/.

How You Can Help: A Security Checklist

If you are a computer user:

- ☑ Configure your computer to seek virus definition updates from your anti-virus vendor on a daily basis. For more advice, contact IT Express at 754-HELP.
- ☑ Use caution when considering whether to open any email attachment with an unusual subject line or suspicious file name. Remember: some viruses like Klez can forge themselves to appear as if they are from someone you know.
- ☑ Periodically check *http://security.ucdavis.edu/* for security alerts pertaining to new virus outbreaks and virus infection prevention measures.
- ☑ Back up your data files and keep the backup media in a safe location, preferably in a different location from the computer. Periodically test the recovery capability from your backup media.

If you are a unit manager or systems administrator

- ☑ Promote the use and regular maintenance of anti-virus programs within your area.
- ☑ Implement anti-virus programs at the desktop, network server, and email/groupware server. If your unit operates its own email server, verify that email anti-virus programs are a part of your email server configuration. If your unit is not running email anti-virus programs with your email/groupware server, we strongly encourage you to use the campus Trend Micro software or alternative anti-virus software of your choice. Additional anti-virus software for desktops, network servers, and email/groupware servers are available through existing campus software licenses with Symantec. For further information, check the Internet Tools Web site, for available anti-virus programs (*http://itexpress.ucdavis.edu/online/*) or the Software Licensing Coordination Web site (*http://slc.ucdavis.edu/*).
- ☑ Consider pushing anti-virus updates to the workstations on your departmental network.
- ☑ Periodically check *http://security.ucdavis.edu/* for security alerts pertaining to new virus outbreaks and preventive measures.
- ☑ Test and apply all operating system and application security patches.
- ☑ Back up your unit's critical and essential data and keep the backup media in a safe location, preferably in a different location from the computer. Periodically test the recovery capability from your backup media.

For questions about the new software, contact Bob Ono at 754-6484, or security@ucdavis.edu.

Student Computer Ownership Expectation Enters Sophomore Year

By Roger Ashton

When Freshman Tali Toledano arrived on campus last fall, she was probably focused on the same things most freshmen concern themselves with: picking a major, joining new clubs, securing a bicycle for the next four years, choosing friends from more than 4,000 new classmates, and locating her classes on the sprawling Davis campus. But equally important, Tali got a computer. "I'm glad I did it. It is the one crucial thing I need in Davis," she says.

This June marks the end of the first full academic year that UC Davis has implemented an ongoing expectation that every entering undergraduate student own a computer. Harry Matthews, Professor of Biochemistry, and chair of the Academic Computing Coordinating Council at the time planning for the expectation began, explains that computer ownership and literacy give students access to the information and communication opportunities that are "essential both to being a responsible and informed citizen and to performing well in a career." Computer ownership also "levels the playing field for all students and allows instructors to choose the best medium for delivering course material, secure in the knowledge that materials supplied or assignments required online are accessible to all our students," Matthews said.

Planning for this first year began in early 1999 when the Academic Computing Coordinating Council, with input from the Academic Senate, developed the statement of expectation for student computer ownership. Adopted by UC Davis in the spring of 2000, the statement announced that beginning in Fall 2001, "every entering undergraduate student will be expected to own a computer that meets certain minimum performance standards and that can connect effectively to the Internet." This statement affirmed what most undergraduate students already knew – that in the new millennium, computer literacy would need to be an essential part of every student's university toolkit.

For the full story, log on to http://ittimes.ucdavis.edu/.

What Should I Do With My Email Account This Summer?

The good news is, regardless of where you intend to spend your summer, you will still be able to access your ucdavis.edu email account. First, you will want to decide whether you will be keeping up with your UC Davis email or not. If you choose to check your email, you can use the Web-based email program (Geckomail) in MyUCDavis (*http://my.ucdavis.edu/*), or you can have all your emails forwarded to a different email account (such as your Hotmail or AOL account, for example). If you choose not to keep up with your email, you should set up a vacation message to notify people sending you email that you will be *incommunicado* for awhile. Instructions for all these options are given below.

How do I access my email this Summer?

Using Web-based email in MyUCDavis: If you have an Internet connection and are using one of the campus email servers (purple, blue, yellow, etc.), you can access your email through the Web-based email program in MyUCDavis. Simply login to MyUCDavis with your UCD LoginID and Kerberos password, click on 'MyTools,' then on 'Email,' and you will see all of your email. For more information including planned changes to the MyUCDavis email program this summer, visit *http://ittimes.ucdavis.edu/*.

Forwarding to another email account: To forward your email to another email account, go to *http://computingaccounts.ucdavis.edu/*, click on "Redirect your MailID," then on "Redirect your email address" and follow the prompts.

Setting up a vacation message: To set up a vacation message so that people emailing you will know that you are not checking your email, go to *http://email.ucdavis.edu/*, click on "vacation message setup," and read the instructions. Disable your vacation message upon your return by simply visiting the same site and following instructions.

I am leaving the university. What will happen to my UC Davis email account?

According to the UC Davis Email Postmaster, the account closure process is completely automated and begins soon after your affiliation with the University is officially terminated. Each individual is given a grace period after leaving UC Davis to transfer email messages and to inform colleagues and friends. The grace period for faculty, staff, and students lasts 180, 90, and 30 days, respectively. When the grace period elapses, you will be notified by email that your account will close in 30 days. Once your account closes, you will no longer be able to log into the system or retrieve email from it. For further questions, please contact the UC Davis Email Postmaster at postmaster@ucdavis.edu or visit *http://email.ucdavis.edu/*.

Hot Days Won't Impede Progress

Summer Technology Projects in the Works

Swimming, fishing, hiking, gardening, vacationing, relaxing? Nah, this summer the technologists on our campus will leave those proverbial hammocks behind. In addition to planned upgrades, operational enhancements, and routine services provided by Information and Educational Technology (IET) and other campus units, the following projects and learning opportunities are in the works.

MyUCDavis Portal: Technology in Support of Academic and Business Needs

These last few months have seen the beginning of the expansion of MyUCDavis, located at *http://my.ucdavis.edu/*, into an enterprise portal capable of supporting complex business and academic functions. A number of initiatives are underway to help the campus integrate major systems, build a strong enterprise directory, provide secure online transactions, enable access to streamlined processes on the Web, and overall ensure a smooth integration of business and functional needs. This summer, various project teams will continue to work on those initiatives. By the beginning of Fall, expect these changes:

- New course management features for faculty, their designees, and students. Enhancements will include improvements to the Quiz Builder, the Website Builder, and communication features such as threaded discussion lists and chatrooms.
- Instructors who previously participated in the WebCT pilot will be able to seek assistance from the Teaching Resources Center to move their WebCT-created course material onto MyUCDavis. New faculty with existing WebCT course material can also receive assistance transitioning to MyUCDavis.
- Access to the portal's Web-based email program will be simplified. You will no longer have to enter your password twice when you access Geckomail in MyUCDavis. And your email will still be secure.
- The MyUCDavis Development Team has been working to increase the portal's speed and functionality. Testing of the streamlined portal has revealed that Mozilla (downloads available at *http://www.mozilla.org/*) is the browser that works best with the enhancements. A link to download the most recent version of Mozilla will be available from MyUCDavis when the changes are integrated. The team is investigating other options as well.

Network Security: Thwarting New Attacks, Protecting Our Turf

Like most everybody else on this campus, you no doubt have witnessed the damage brought on by the increasing number of hostile network and computer intrusions. This summer, IET, under the leadership of the IT Security Coordinator, will continue to put in place the components of a multi-pronged approach to ensure the availability, integrity and confidentiality of our electronic data.

- **Blocking Email Viruses:** Anti-virus software will be installed on the campus email servers (those operated by IET and named after colors). See story on page 2.
- **Securing Access to Computer and Network Resources:** If you use email, do online transactions, access DaFIS or the Payroll Personnel System, or check your stock ratings on MyUCDavis every morning, chances are you are faced with the cumbersome process of maintaining a growing list of loginIDs and passwords. A project team was formed in February to investigate whether a campus-wide authentication service could be developed to simplify authorization processes and security management and provide other ancillary benefits supporting digital signatures and encryption services. The team's report is expected this summer.
- **Responding to Security Breaches:** Like all other higher education institutions, UC Davis is a target of unauthorized attempts to view, manipulate, or damage campus computer systems, networks and/or data. Such security incidents can be very serious, sometimes resulting in information theft, financial fraud, and/or sabotage of computers or networks. Recognizing these risks, a UC Davis Incident Response Team will be formed this summer to investigate and reduce security vulnerabilities and establish mechanisms to limit the spread and impact of an incident.

Video Services: Just When You Thought You Couldn't Be in Two Places at the Same Time

In these times of budget constraints, meeting with distant colleagues, collaborating on research projects, bringing that coveted guest speaker to campus, and deciding which candidates to interview for your critical job vacancy are all becoming increasingly challenging. Fortunately, the world of videoconferencing now offers exciting new possibilities, thanks to the dramatic expansion of the communication infrastructure and the increasing power of PCs. You can now turn your desktop computer into a powerful, yet cost effective videoconferencing system. Recognizing these new trends and possibilities, a project team formed by Vice Provost Bruno has been investigating videoconferencing over the Internet as a potential service to the campus community. Watch for the project team's report and recommendations later this summer.

Soak up More Than Just the Sun! Technology Learning Opportunities on Campus

The 9th Annual Summer Institute on Technology in Teaching (SITT) takes place this July 15-19 on campus. Each year, the Teaching Resources Center (TRC) partners with Mediaworks

Summer Projects continues on page 4

2001-2002: The Year in Numbers...

470,000: Average number of monthly searches performed in the **MELVYL** Catalog database by UC Davis library patrons. **800:** Average number of check-outs per month of the **WIRELESS COMPUTER** network cards available at Shields Library. **7,443:** Total number of **ELECTRONIC JOURNALS** available through the UC Davis General Library. **13,200:** Number of hits to the new UC Davis **MONDAVI CENTER FOR THE ARTS** Web site launched in late April. **40:** Estimated number of email-borne **VIRUS DISASTERS** per year expected to be thwarted by the campus' new anti-virus software. **25:** Minimum number of workstations and/or servers that must suffer extensive damage by a virus in order to constitute a "disaster." **10,000,000:** Number, according to current averages, of email **MESSAGES** per year at UC Davis that are infected with a virus. **500:** Number of inquiries about computer viruses to **IT EXPRESS HELP DESK** in the month of April. **64:** Average number of **VIRUS INQUIRIES** to IT Express help desk prior to the month of April. **80:** Percentage of students who **REGISTERED FOR COURSES** via the Web over the last three quarters. **90:** Percentage of students who have registered for Fall 2002 courses **VIA THE WEB** so far. **51:** Percentage of students who **FILED FOR GRADUATION** this month via a pilot online application offered by the Registrar. **52:** Number of referrals this academic year to Student Judicial Affairs regarding **PLAGIARISM OF INTERNET SOURCES** in student papers. **7:** Number of instructors this quarter who are using the Web service, Turn It In (**HTTP://WWW.TURNITIN.COM/**), which allows instructors to submit student papers (or to require students to submit their papers themselves) to undergo an automated plagiarism search. **73:** Number of cases reviewed this academic year by **STUDENT JUDICIAL AFFAIRS** in which students have provided or received unauthorized assistance on computer assignments by illegally sharing computer programming code with one another. **23:** Average number of reports per week that Student Housing and Student Judicial Affairs receive in regard to computer use problems (e.g., viruses, **COPYRIGHT INFRINGEMENT**, use of software that interferes with normal operation of computer systems). **57:** Percentage of incoming freshmen this year who selected **'DOWNLOADING MUSIC'** as one of their top five uses of the Internet. **29,378:** Current number of unique users of the campus Web portal, **MYUCDAVIS**. **424:** Number, since January 2002, of users that have accessed **DAFIS** Decision Support via the portal (out of 3,300). **239:** Number, since January 2002, of users that have accessed **PPS** Decision Support via the MyUCDavis portal (out of 900). **6,958:** Number of **COURSE WEB PAGES** created in MyUCDavis currently in use. **320:** Number of **ONLINE GRADEBOOKS** created in MyUCDavis by campus instructors. **766:** Number of **STOCKS** students are tracking via MyUCDavis. **111:** Number of classrooms on campus with complete media capability (VCR, **DVD,** Internet connections, laptop ports to overhead projectors, etc.). **700:** Number of **CALLS** instructors made this academic year to the Quick Response Team for assistance with media equipment in classrooms. **200:** Number of pages per quarter students are allowed to print from the campus computer labs without incurring a fee of **FIVE CENTS** per page. **205:** Number of printer users in Winter quarter billed for exceeding their free **PRINT QUOTA** (out of the 13,450). **84:** Average number of sheets printed per student in campus computer labs during Winter quarter. **8:** Number of lecture halls on campus equipped with Assistive Learning Devices to allow **HEARING-IMPAIRED** students to listen to lectures. **1,300:** Number of unique hits to the Web site (*http://www.culturelover.com/*) for the KDVS radio show, **"DR. ANDY'S POETRY AND TECHNOLOGY HOUR."** **29:** Approximate number of folks around campus who contributed to this list of campus technology **FACTOIDS.**

Unless otherwise specified, data from early June. For sources, contact the editor at itpubs@ucdavis.edu.

Technology Evolves

continued from page 1

According to Matthews, these "hybrid" online courses are becoming increasingly common in higher education, and Mediaworks is well prepared to provide assistance to departments looking in this direction. "Online courses, CDs, and the Web are growing elements of our services," says Matthews. "We also expect to develop additional courses beyond the Mellon Project and move toward more Web-based materials."

Faculty and Students Sharing Expertise

Another new development is the Educational Technology (ET) Partners Program (*http://ittimes.ucdavis.edu/dec2001/et.html*). Initiated by Mediaworks, this innovative program pairs specially-trained students with faculty members for one-on-one technology training. The goal: helping instructors effectively integrate educational technology in the classroom.

So far, these partnerships have involved everything from the use of multimedia software to Web site creation (*http://ittimes.ucdavis.edu/may2002/et.html*) to the assembly of a digital image archive. Using the skills and resources developed with their student partners, instructors are able to save themselves time and effort. "This program is so great..." says Miyo Uchida of the East Asian Languages and Cultures Department. "As a lecturer, I have a large teaching and grading workload. But now that MyUCDavis makes it possible to create a course Web site without needing to know programming code, and now that we have ET Partners with ongoing support at the Arbor, using this technology has actually become a reality for me."

Looking Toward the Future

While Mediaworks is proud of the many accomplishments in its first two years, Dr. Matthews is not allowing it to rest on its laurels. "We fully intend to further enhance the quality of our service delivery to clients and strengthen support of instructional technology," he affirms. Case in point, the Art and Photography group recently purchased a number of high-quality digital cameras so it can offer the speed and convenience of digital photography to its clients.

As the future brings new ideas and technologies, Mediaworks will continue to adapt and evolve as it supports instructors of all technical skill levels, from the new learners to the more experienced ones like Dr. Monnier Clay, who use technology to supplement effective teaching and learning. According to Monnier Clay, Mediaworks' vision is in line with instructors' goals: "to provide students with a way to learn that is adaptable."

For more information on Mediaworks, log on to http://mediaworks.ucdavis.edu/. To read more about the ways Mediaworks photographers and videographers are upgrading to digital services for the campus, read a companion piece to this article on the Web at http://ittimes.ucdavis.edu/.

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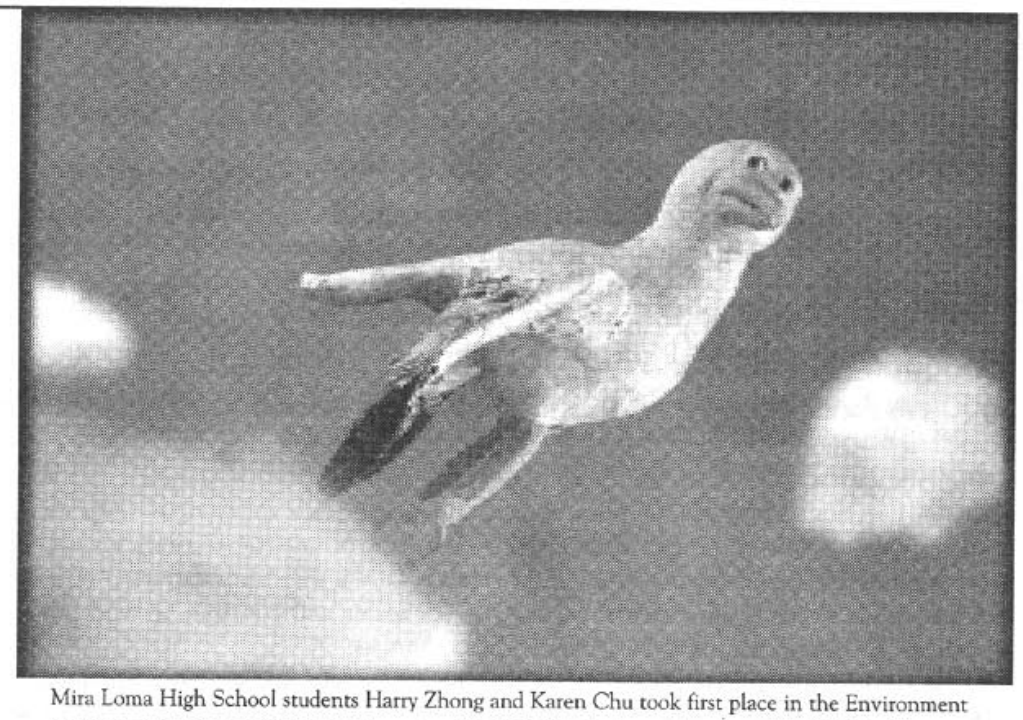
Local Organization Helps Youth Go Digital

UC Davis Experts Lend a Hand

By Richard Darsie

Young people in the Sacramento Valley have a unique resource to help them learn about digital multimedia and communications technology. The Tower of Youth is a Sacramento-based organization whose primary mission is to empower young people through "access to, and mastery of, cutting edge information and communication technologies to create a far reaching youth cultural voice." Students from as many as 70 regional high schools participate in Tower of Youth programs and events.



Mira Loma High School students Harry Zhong and Karen Chu took first place in the Environment category of the Teen Digital Reel Awards with their digital claymation short, *Air Pollution Hurts*.

The major annual highlight for Tower of Youth is the Teen Digital Reel Awards Showcase. This event begins with rounds of hands-on training in the latest digital media technology for area teens. The students use this knowledge to create short (three-minute) digital videos in one of six categories (which vary from year to year). A panel of judges reviews the entries, of which there were 81 this year. The showcase then culminates in an awards ceremony at which the winners are announced – and their work shown to the assembled crowd on a very big screen: the Esquire IMAX Theater in Sacramento.

UC Davis Contributes Its Talent

UC Davis has lent a hand to the Tower of Youth (TOY) awards showcase since its inception in 1997. In fact, says Bill Bronston, CEO of the organization, "the generosity of UC Davis in making available their media labs was instrumental in getting the TOY program off the ground in the first place."

Early in the school year, the New Media Distribution Lab in Hart Hall was used as a training facility for showcase participants. Over 30 high school students—more than double the showing at similar workshops in previous years—attended a workshop on Adobe AfterEffects 5.0. To prepare for the workshop, Todd Van Zandt, manager of the New Media Distribution Lab, arranged for temporary licenses for all the necessary software and set up all the computers. The class was co-taught by Joe Castillo, a lab manager, and Jordan Woods, a UC Davis student with a strong interest in multimedia production.

After the students put their training into practice and submitted videos to the TOY competition, the judging of these videos took place right here on campus at the Arbor facility. The judging panel spent an entire day watching every one of the video entries. Two IET staff members – Joseph Coulombe, of the Arbor, and Cayce Dumont, *IT Times* editor – participated as judges.

A Mutually Beneficial Partnership

The relationship between UC Davis and TOY is a long-standing one. It has endured because both parties enjoy benefits – tangible and intangible – from the association. For UC Davis, Tower of Youth and its programs represent a natural opportunity to reach out to surrounding areas to offer educational support, share resources, and positively impact young people from a variety of backgrounds.

The benefits the teens gain from Tower of Youth are obvious. Over the years, several teens have used their presentations as portfolio items to help gain entry to prestigious universities. The grand prize winner of this year's Digital Reel Awards, Sheldon High School Senior Austin Madison, was accepted into the computer animation program at CalArts—an impressive accomplishment, considering that the average age of an incoming freshman to the first-rate program is 23.

To learn more about the Tower of Youth, log on to http://www.towerofyouth.org/, or you can visit http://ittimes.ucdavis.edu/.

IT TIMES

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Summer Projects

continued from page 3

staff and other specialists on campus to provide a learning environment for instructors interested in the latest instructional technology tools and established practices. For more information visit, *http://trc.ucdavis.edu/trc/sitt/*.

- **Training Materials:** The campus has built a video-based training library to provide technical training materials to the campus community. For a list of courses and instructions on accessing the tapes, visit *http://spt.ucdavis.edu/vbt/vbt.html*.
- **Orienting Students:** All summer IET helps the Student Advising folks orient incoming freshmen and transfer students to the UC Davis world of computing. The students will learn all about computing accounts, the UC Davis student computer ownership expectation, the wide variety of campus computing services, and the many ways in which the MyUCDavis portal will serve them up until graduation day.

Active Directory: A Forest on Campus

Earlier this year, a workgroup was formed to plan the implementation of Active Directory on campus. This service will facilitate the adoption of Windows 2000 on both servers and desktop computers. A number of campus organizations, large and small, are expected to join the UC Davis Active Directory Forest, starting this summer.

Electronic Communications

UC Davis adopted its own version of the UC-wide Electronic Communications Policy (ECP) on March 29 (*http://iet.ucdavis.edu/policies/*). The UC Davis policy has broad implications for the campus as it addresses all forms of communications that use an electronic medium (e.g., email, instant messaging, telephone, the Web). This summer, an IET workgroup will be identifying areas where interpretive guidelines and procedures need to be drawn up. In response to this policy, the campus is also working on separate policies related to mass communications (including unsolicited email issues) and the World Wide Web.

For updates on these and other summer activities, be sure to check the "What's New" page on the IET Web site: http://iet.ucdavis.edu/whatsnew/.