Summer Institute Focuses on Technology in Teaching

by Aviva Luria

Sometimes instructors need to be students, too. For a week each summer, about 40 UC Davis faculty members convene on campus for the Summer Institute on Technology in Teaching. Known generally as “SITT,” the Institute provides faculty participants with resources, instruction, and camaraderie with the aim of promoting understanding and access to instructional technologies.

Five full days are dedicated to lecture, discussion, and hands-on lab sessions facilitated by faculty members, teaching assistants, Teaching Resources Center, and Information Technology staff. Participants are grouped according to their level of expertise in each area, so a session may serve as an introduction or as a chance to work on a particular project.

Many participants come to fill gaps in their knowledge and experience. Some serve as tutors for others. When it comes to the “cutting edge” of technology, an expert, whether a faculty member or an Information Technology staff member, will lead a presentation or discussion.

“Because people come with the understanding that they might be both students and facilitators at various times, it’s very much a cooperative learning experience,” says Frank Samaniego, statistics professor and director of the Teaching Resources Center. “Participants help each other.”

Aside from the tools and applications themselves, SITT addresses how technology affects both students and the learning process.

“One of the wonderful things that draws to a close, the commission is reading its recommendations for the uses of information technologies in academic pursuits at UC Davis.

The commission was established by Provost Robert Grey in his letter to the prospective members of the Provosts Commission on the Future of Information Technologies (PCFIT).

Now, with the academic year drawing to a close, the commission is preparing its recommendations for the uses of information technologies in academic pursuits at UC Davis.

The commission was established by Provost Robert Grey at the end of January after the 1996 Chancellor’s Fall Conference addressed the ways in which information technologies were in use in pursuit of UC Davis’ academic mission. Grey viewed the work of the commission as building on the recommendations of the Information Technology Strategic Planning Committee, chaired by Associate Vice Chancellor Carole Barone. That committee’s findings, submitted in 1992, have served as a framework for the development of the campus’ information technology infrastructure, including the installation of a fiber optic backbone as part of the Network 21 project. PCFIT would establish goals and objectives for extending new, existing, and emerging information technologies on the UC Davis campus in support of its academic programs.

How does a committee begin to tackle such a broad and important topic? Each of the commission’s 14 members participated in one or more of three focus groups, which were defined by the issues they addressed: 1) The key issues for UC Davis to take advantage of instructional technologies; 2) the technological strategies and policies of both the campus community and external arenas that will enhance the scholarly work of faculty and promote the research mission of the university; and 3) the strategies for enhancing and strengthening the campus’ public service and outreach missions, and for forming partnerships with corporations, government agencies and other educational institutions.

Seeking input from the campus community was a primary focus of the commission. As chair, Brian Higgins, a professor of Chemical Engineering and Material Science, met with members of the campus community an average of five to six times per week. The PCFIT Web site (http://pcfit.ucdavis.edu) provided an opportunity for people to communicate directly with the commission members. The commission also hosted a Town Hall meeting and staffed a booth at the Odyssey ’97 Technology Showcase, both to solicit input and discuss ideas.

What have emerged as overwhelming concerns? For students, access to computers, both on and off campus, is of primary importance. And many members of the faculty are concerned about the disparity between those with access to technology resources and those without, says Higgins.

“The issues are vastly complex,” Higgins says. The commission has discussed whether it is possible to achieve a more egalitarian system of allocating resources to campus faculty. A key issue is whether the campus should establish a campus in support of its academic programs.

Provost’s Commission Readies Report

“[T]here is no dispute that for institutions of higher learning, information technology has moved from the ‘ancillary’ to the ‘essential’ category,” wrote Provost Robert Grey in his letter to the prospective members of the Provosts Commission on the Future of Information Technologies (PCFIT).

The Client Project Team that oversees the Banner Student Information System is reviewing the results. A summary of the complete results may be viewed on the Web at http://clientservices.ucdavis.edu/bannersurvey.

Use GartnerWeb for Technology-Related Research

Information Technology has obtained a campus-wide site license for an online research tool offered by the Gartner Group. GartnerWeb offers access to research by Gartner Group experts on topics ranging from distributed computing platforms to leveraging multimedia applications. Twenty-four different services are available as part of this site license, which provides free access to any campus user through March 1, 1998.

Users must register individually to use the site. For registration information, including the password, contact the Technology Support Program at tsp@ucdavis.edu.

Banner Survey Responses

Responses have been tallied from the Banner Student Information System survey. The survey was distributed in November and January, and completed responses were returned, a total response rate of 51.2%. W hat follows are some of the significant findings of the survey.

65% of respondents said they were “satisfied” or “very satisfied” with the Banner system as a whole.

Assistance from Banner support representatives was the highest satisfaction rating in the survey. 83% were “satisfied” or “very satisfied” with the assistance they received.

The largest dissatisfaction rate concerned the menu descriptions that guide users to various Banner screens (27% “dissatisfied” or “very dissatisfied”).

38% of respondents stated that their preferred method of communication about new Banner features and upgrades would be via an e-mail distribution list dedicated to Banner announcements. Until now, communication has primarily taken the form of Brown Bag presentations.

The Client Project Team that oversees the Banner Student Information System is reviewing the results. A summary of the complete results may be viewed on the Web at http://clientservices.ucdavis.edu/bannersurvey.

Use GartnerWeb for Technology-Related Research

Information Technology has obtained a campus-wide site license for an online research tool offered by the Gartner Group. GartnerWeb offers access to research by Gartner Group experts on topics ranging from distributed computing platforms to leveraging multimedia applications. Twenty-four different services are available as part of this site license, which provides free access to any campus user through March 1, 1998.

Users must register individually to use the site. For registration information, including the password, contact the Technology Support Program at tsp@ucdavis.edu.
Institute

From Page 1

about the SITT program is that it focuses on an awareness of where technology fits and whether it’s the best choice in teaching. It gives the idea that there are options. As we use technology on campus, we’re more able to assess its effects,” says Ellen Lange, a lecturer in Linguistics and the ESL (En-

lish as a Second Language) Pro-

gram who attended SITT in 1995 and 1996.

Now in its fourth year, SITT first developed as the result of e-mail communications among several faculty members with a shared interest in instructional technolo-
gies. Those faculty members were Art Huntley of Dermatology, Geoffrey Wandesforde-Smith of Political Science, Dick Walters of Computer Science, Kevin Roddy of Medieval Studies, and Frank Samaniego.

“Implicit in these early discus-
sions was the clear need for a ve-

cicle that would facilitate under-

standing and use of instructional technology for a large cross-

section of Davis faculty,” says Samaniego. “I saw the develop-

ment and underwriting of SITT as

wholly consistent with the Teach-
ing Resources Center’s mission of fostering teaching innovations and improvement.” Along with the Teaching Resources Center, spon-
sors include the Office of the Pro-
vost and the Division of Informa-
tion Technology, which allocates a number of staff members to the program.

The program has evolved over its lifetime. The first program em-

phasized communications tech-
nologies, including an introdu-
tion to e-mail, bulletin boards, and the World-Wide Web, an innovation that was not yet widely used. Sub-
sequent years have largely centered on the Web as a place to house and access academic materi-
als, facilitate communication, en-

courage innovative student work, and incorporate multimedia func-
tions, such as animation and interactivity. Planners this year hope to introduce Java script, a pro-
gramming language for interactive Web pages. Technological advances that make tools and capabilities more access-
able to the average user are espe-
cially valued, Samaniego says.

The week is rigorous, but the atmosphere is personal. Partici-
pants receive a customized “text-

book,” a binder that includes ma-

terials such as a glossary, presenta-
tion supplements, lab exercises, recent journal articles, and links with their areas of expertise, and participants with their areas of interest. This allows people to seek one another out, as well as to con-
tinue their interactions and col-

laborations well after the week is

over.

Planners this year are working to further customize the program to individual participants by means of a questionnaire and personal inter-
views. Small groups will then be formed so that people can work to-
together and help one another over the

course of the week.

SITT has consistently received about 50 applications each year for 40 places. With summer school in

session, there is limited access to computer labs, but the program tries to accommodate as many people as possible, says Samaniego. Priority is given to faculty members who are directly in-
volved in teaching and developing tool for teaching. Others are ad-
mom on a space-available basis.

Some participants, like Lange, do return. “The first time, I was be-

hind as far as technology is con-
cerned. I could only focus on what was new. The second time, I could focus on what I wanted to do. I was able to receive the Web for the summer’s program. Lange was introduced to HTML during the first SITT she attended in 1995. The next summer’s program was particularly helpful with Web site design is-

sues, she says.

Before SITT, one of the few choices available to faculty mem-

bers like Lange were expensive seminars that required travel and

hotel stays.

“We decided to do it ourselves, on a very manageable budget, dedicating instructional improve-
ment funds and contributions from several other offices. We think our institute is as good as any out there. And it’s easier for faculty to participate because its right here on campus. That also makes the program directly relevant to this campus technological environ-
ment,” Samaniego says.

The deadline for applications is in early spring of each year. For more information about SITT, con-
tact Professor Samaniego or Wini Anderson at the Teaching Re-
sources Center (752-6505) or on the web at http://tr.ucdavis.edu.

Commission

From Page 1

lish a core set of technological stan-
dards, with guarantees, for in-

stance, of access to the Internet and basic computer hardware.

“There will always be some level of disparity when it comes to research activities. And the needs of

departments differ. For example, the sciences often have more access to extramural funds for

campus hardware and soft-

ware. But now we are recognizing that a computer is an indispens-
table tool for all faculty members to accomplish their work,” says Higgins.

Members of an academic envi-

ronment are accustomed to mov-
ing resources from one pool for use in another, and the need for

minimum levels of resources for teach-
ging and research purposes may re-

quire such a reallocation, Higgins says.

But all proposed solutions have been open for discussion, and the commission, composed of 14

members with differing areas of ex-

pertise, often has ended in a

lively exchange of ideas.

Distance learning is one ex-

ample. “Everybody with an inter-

est in distance learning has a dif-

ferent point of view,” Higgins says.

“But conflicting viewpoints are viewed as positive in an academic environment. We deliberate on

these viewpoints, and a theme emerges.”

“On other issues, priorities may be quite different,” he contin-

ues. “For a student without access to computer resources, or a fac-

ulty member who can’t connect to

the Internet, the issue of distance learning is important.”

The commission plans to sub-
mit its recommendations to Pro-
vost Gray by July 1.

ANS to Sponsor Colloquium on Scientific Computing

Information Technology’s Ad-

vanced Networked and Scientific Computing (ANS) will hold the fifth annual Colloquium on Scien-
tific Computing on September 24th at UC Davis. This all-day event will feature informational pre-
sentations by both campus and off-
campus researchers who use bio-

logical applications, remote sen-
sing, geospatial information sys-
tems (GIS), symbolic mathematics, and scientific visualization to accomplish their work.

Last year’s colloquium featured presentations by researchers from Stanford University, the University of Nevada, and the IBM Watson Research Center, as well as UC Davis researchers in a variety of fields, from molecular and cellular biology to anthropology. An over-

view of the 1996 colloquium can be found at http://ansa.ucdavis.edu/ colloq/.

Many of the software applica-
tions demonstrated at the collo-

quium are available at the ANSA Visualization Laboratory at 301B Surge IV. To find out more about the lab, visit http://ansa.ucdavis. edu, send email to vislab@ucdavis. edu, or call 752-6285.

Look for more information about the 1997 colloquium in a fur-

ture I.T. Times.

“MelWeb” Debuts

Library staff was on hand at Odyssey ‘97 to demonstrate the MEVELY® System’s new Web in-

terface, which debuted online in April. The Web version of the li-

brary research system can be ac-

cessed at http://www.mevyl.

ucop.edu or via the General Lib-

ary’s home page, at http://

www.lib.ucdavis.edu/.

The Web interface provides an easy-to-use format for searching the MEVELY Catalog and Periodi-
cal databases and six of the MEVELY abstracting and indexing databases currently licensed for UC users. More than a “new look,” the Web interface system is easy to learn and easy to use. By complet-

ing forms on the screen, users can search databases without having to know the exact wording for spe-
cific search commands. Pull-down menus, options for changing searches, and strategy suggestions make it easier to refine searches and target the most relevant books.

Computer Room Upgrades

Information Resources Lab Management is responding to stu-

dent and faculty needs by making a number of upgrades and other im-

provements to computer labs and classrooms for Fall 1997. Here are just a few of those changes:

TB 114 will be converted from a terminal lab to an open ac-

cess computer lab housing 30 computers, both PC and Macintosh, and a printer. The lab will be available on a drop-in basis, and will not be shared with classes, thereby helping

and articles.

The Web interface has other

advantages to traditional Telnet ac-

cess. It offers the capability of link-
ing the electronic text of an article to its citation in a database, so that the user can view the entire article from a computer on campus or at home. These links will be made available as electronic journals are licensed by UC libraries.

Telnet access to the MEVELY™ system will continue to be avail-

able for users who need features not yet supported in the Web inter-

face or who find it more appropri-

tate to their needs.

For more information, call the DLA (UC Division of Library Au-

tomation) Helpline at (510) 987-

0555, the UC Davis General Li-

brary Data Services Librarian Karl

Kocher at 752-1202, or any UC

Davis library reference service

unit.

The 241 Olson facility will b-

e arranged in a layout similar to

that of 21 Olson. Faculty pre-

fer the 21 Olson layout be-

cause the screen is visible from all parts of the room, students can work more easily in groups, and the instructor is more ac-

cessible to the students.

See Upgrades on Page 6
Editor's Note: This article features the achievements of one group of presenters at Odyssey '97.

Much of the work exhibited at Odyssey '97 has won media attention and awards for its developers. Yet when they volunteered to showcase their multimedia materials for teaching German, graduate teaching assistants Caroline Schaumann, Sabine von Mering, and Christina Frei hardly expected to receive an award. In addition to their outstanding teaching, the video and multimedia computer program helped earn them a Teaching Award for Outstanding Graduate Students. The award, which is co-sponsored by the Graduate Division, the Teaching Resources Center, and the Academic Senate Committee on Teaching, has never before been awarded to a group.

The three have been working as a team since Spring of 1994, first creating a 10-minute instructional video entitled "Die Konditorei," a dramatized lesson set in an Austrian cafe in downtown Davis. Pleased with its success among their students, Schaumann, von Mering, and Frei planned another project. This time the video would have a coherent plot and would feature as actors undergraduate students (rather than fellow teaching assistants). Ein blaue Schal (A blue scarf) was the result. A story of a blind date gone awry in Davis' Sudwerk brewery, the video highlights use of the passive voice, a component of German grammar which is very difficult for students to learn.

The producer, Robert Craig of Creative Communication Services (CCS) Instructional Media, suggested multimedia for their next project. Having tested instructional software available for the teaching of German and finding it lacking, they agreed to try. They applied for and were awarded a mini grant through the Teaching Resources Center, which enabled them to work on the project beginning in Fall of 1995.

Working with Craig, the three structured a CD-ROM featuring the story and images from Ein blaue Schal. The program followed the format of their German classes, and included intensive grammar, listening comprehension, reading comprehension, and culture. Explanations of grammar were provided for various levels of proficiency, and an extensive dictionary was included. Decisions about feedback, layout, and toolbars reflected the teaching assistants' desire to provide students with a positive learning experience, and to enable users to move freely from one exercise to another.

The German booth at Odyssey '97

Programming was provided by Brian Sher of CCS/Instructional Media.

In November, Schaumann, von Mering, and Frei will present their work, which they've titled "Community- and Student-Centered Technology: The UC Davis Project," at the annual conference of the American Council for the Teaching of Foreign Languages (ACTFL), the largest national conference for foreign language instructors.
Technology at UC Davis: A Distinguished Visitor’s View

I was honored to be invited to Odyssey and to share my observations with the campus,” said Dave Seibel, head of Administrative Information Systems at Lawrence Livermore National Laboratory. Seibel was one of three speakers invited to campus as part of Odyssey ’97.

One of the major themes of Seibel’s May 13 presentation addressed viewing technological advances as part of a culture of ongoing change. “Success” for the Administrative Information Systems department at Lawrence Livermore has been “a close integration and partnership between the user community and technical people,” Seibel says.

While he acknowledges that the organizations of Lawrence Livermore and UC Davis have their differences, he sees a number of similarities as well. Training, for instance, is a crucial issue for all staff working with information technology. “We’re all drinking out of a fire hose in terms of changes in technologies,” he said. “We have to continue to deliver satisfaction to the customer, but sometimes we have to pull people away from their day-to-day tasks to give them training. We have to develop competencies before we can deploy good systems.”

In his tour of the campus, Seibel was particularly enamored with the Center for Advanced Information Technology (CAIT), housed on the first floor of Shields Library. “I was really impressed with the equipment, capabilities, resources, and technology tool assessments going on there. It was a real surprise and I was pleased. Information technology development at UC Davis seems to be going in the right direction.”

One observation that saddened Seibel in his tour of the campus were the “traffic jams” outside student computer labs. “I was shocked to see students lining up for access to technology,” he said, adding that he worried about the unavailability of technologies to students.

On the whole, his impression was a positive one, and he called UC Davis “very, very innovative in its use of technology. On the educational side and in running the campus from a business perspective, people should be pleased with the uses of technology in both educational and administrative arenas.”

Editor’s Note: Mr. Seibel was one of the invited speakers who made a special presentation during Odyssey ’97.
New Accounts Will Use Eudora

If you’re a faculty member or teaching assistant whose class material instructs students to use PINE to access e-mail, you’ll want to note the following changes. As of July 1st, new campus computer account holders will be assigned a POP server for e-mail storage and retrieval. New users will continue to receive permits to access ISUN machines, but will be encouraged to use Eudora to access their e-mail from POP servers. Campus users with existing accounts will not be affected by this change.

New POP Servers

Sol, which replaced Peseta as the main e-mail server, will continue to provide e-mail services to the majority of campus users. POP servers are being put in place to lighten Sol’s load and distribute e-mail services among a group of servers. While Sol is a network server that communicates with all interactive servers, it is a single point of failure that can slow down e-mail services. Distributing the E-Mail Load

POP servers are dedicated to e-mail service for a small number of users (2,000 - 3,000). When each POP server has reached its capacity, a new server will be purchased. The result is a group of small servers that do not require as much maintenance.

Reducing System Overhead

Currently, every new campus account holder receives a permit to access the SUN servers. This means that a large number of users retrieve and send their e-mail via Eudora and never use their SUN permits to log in to an ISUN server. These permits entail an overhead that the system maintains whether or not the account is used. Removing the number of users with SUN permits saves disk space and other computing resources. It also reduces security risks. It is more likely that a break-in to an account will be undetected if the account is never used.

Adding permits is easy. By toggling to “modify,” an accounting and e-mail server, information is added to SUN accounts. However, users can only add permits to accounts for which they have access to.

Distributing e-mail permits to all accounts is a wasteful use of systems resources. It is not necessary that users choose to use SUN servers.

At Home on the Web

The UC Davis General Library has a recently revamped web presence, and the change is quite dramatic. Online access to library materials including technical journals is growing rapidly, and here you can find out what’s available now. Many library services are also accessible, including book renewals and interlibrary loans. UC’s online catalog MELVUE is now also available. With your library card, you can access all UC campuses at Berkeley, Stanford, and UC campuses in San Diego. In addition, you can search for specific library holdings at any UC campus. The library also provides you with information on current programs, downloadable applications, and more. You can also visit the web page about ergonomics, training, and more. Office workers will want to visit the page about ergonomics. A resource guide serves as a convenient map of this extensive web site.

UDC Davis Arboretum

http://pub-web.ucdavis.edu/documen
table/Arboretum.html

The UC Davis Arboretum is one of our campus’ great attractions, a place for staff and students to unwind in the middle of a busy day. Although it is naturally better in person, you can also visit on the web to learn more about their unique plant collections and full schedule of public events.

Environmental Health and Safety

http://www.ehs.ucdavis.edu/

Better known as EH&S, Environmental Health and Safety works to ensure a safe environment for UC Davis students and staff. Their site provides a world of information about their various programs; there are separate pages concerning animal use, hazardous materials, radiation safety, safety training, and more. Office workers will want to visit the page about ergonomics. A resource guide serves as a convenient map of this extensive web site.

UDC Davis 1997 Summer Session

http://www.ses.ucdavis.edu/summerhtml

Here you can find all about UCD’s summer programs, from course listing to a description of special and international programs. Downloadable applications are also available.

Personnel Policy

http://hr.ucdavis.edu/Policy/Booklets.htm

Human Resources maintains this elec
tronic version of UC’s policy manuals, including the complete UCD Policy & Procedure Manual and other impor
tant documents. Administrators and department support personnel will find this site a useful bookmark.

Richard Darie
Richard Darie is Webmaster for I.T. Information and Events.

At Home on the Web

Editor’s Note: A Home on the Web is a regular feature of the I.T. Times. If you have a Web site you would like featured in the column, send e-mail to itpub@ucdavis.edu.

UDC General Library

http://www.lib.ucdavis.edu/

The UC Davis General Library has a recently revamped web presence, and the change is quite dramatic. Online access to library materials including technical journals is growing rapidly, and here you can find out what’s available now. Many library services are also accessible, including book renewals and interlibrary loans. UC’s online catalog MELVUE is now also available. With your library card, you can access all UC campuses at Berkeley, Stanford, and UC campuses in San Diego. In addition, you can search for specific library holdings at any UC campus. The library also provides you with information on current programs, downloadable applications, and more. Office workers will want to visit the page about ergonomics. A resource guide serves as a convenient map of this extensive web site.

UDC Davis Arboretum

http://pub-web.ucdavis.edu/documen
table/Arboretum.html

The UC Davis Arboretum is one of our campus’ great attractions, a place for staff and students to unwind in the middle of a busy day. Although it is naturally better in person, you can also visit on the web to learn more about their unique plant collections and full schedule of public events.

Environmental Health and Safety

http://www.ehs.ucdavis.edu/

Better known as EH&S, Environmental Health and Safety works to ensure a safe environment for UC Davis students and staff. Their site provides a world of information about their various programs; there are separate pages concerning animal use, hazardous materials, radiation safety, safety training, and more. Office workers will want to visit the page about ergonomics. A resource guide serves as a convenient map of this extensive web site.

UDC Davis 1997 Summer Session

http://www.ses.ucdavis.edu/summerhtml

Here you can find all about UCD’s summer programs, from course listing to a description of special and international programs. Downloadable applications are also available.

Personnel Policy

http://hr.ucdavis.edu/Policy/Booklets.htm

Human Resources maintains this elec
tronic version of UC’s policy manuals, including the complete UCD Policy & Procedure Manual and other impor
tant documents. Administrators and department support personnel will find this site a useful bookmark.

Richard Darie
Richard Darie is Webmaster for I.T. Information and Events.
### JUNE 1997

<table>
<thead>
<tr>
<th>S</th>
<th>M</th>
<th>T</th>
<th>W</th>
<th>T</th>
<th>F</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>26</td>
<td>27</td>
<td>28</td>
</tr>
<tr>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Introduction to Microsoft Excel:**

**JUNE**

10 **Introduction to Microsoft Excel:** Staff Development and Professional Services; two-part class offered June 10 & 12, 8:30-11:30 a.m., 14 Hutchison.

**Information Provider Series: WWW Publishing: Creating Effective Web Pages:** Information Technology, 1:30-3 p.m., 1113 Academic Surge; http://it.ucdavis.edu or 754-6891.

11 **Telephone Features:** Information Technology; 10:00 a.m. - Noon, CR Customer Service Trailer, Tercero Hall Circle; 752-6888.

**Intermediate Microsoft Project Working Session:** Staff Development and Professional Services 8 a.m. - Noon, 14 Hutchison.

12 **Internet Via Modem: Windows 95** (Brown Bag Presentation): Information Technology, Noon-1 p.m., 510 Cabinet Room.

16 **Introduction to Microsoft Word:** Staff Development and Professional Services, (two-part class offered June 16 & 18), 8:30-11:30 a.m., 14 Hutchison.

17 **Intermediate Microsoft Access:** Staff Development and Professional Services, (two-part class offered June 17 & 19), 8:30-11:30 a.m., 14 Hutchison.

18 **Voice Mail System Training:** Managing Your Voice Mail Box; Information Technology; 1:30-3 p.m., CR Customer Service Trailer, Tercero Hall Circle; 752-6888.

**To enroll in a class offered by Staff Development & Professional Services, you must complete an Application for Enrollment. Applications are in the Staff Development Catalog. To request an application, call 752-7766.**

**Bovine Online for Fall 1997 will feature upgrades, additions, and improvements, and will be available both on diskette and CD-ROM. Anyone with a campus account, whether faculty, staff, or student, can use Bovine Online at home or in the office. This updated package will be available for purchase at the UC Davis Bookstore and I.T. Express—now even better! Designed as a comprehensive Internet software package, Bovine Online offers features such as:**

- New computers will be installed in 247 Olson, 307 Surge IV, 301A Surge IV, 163 Shields, and 1101 Hart.
- PowerBook computers in 247 Olson will be upgraded with PowerPC processor cards.
- The New Media Lab (1154 Meyer) will get new and upgraded equipment, including a new digital video editor and a new bulk slide scanner.
- High-resolution NEC projectors will be installed in 1102 Hart and 1131 Meyer.
- To stay current with scheduled upgrades and changes, visit http://im.ucdavis.edu/rooms/changes.html.
- Complete information regarding computer rooms can be found at http://im.ucdavis.edu/rooms/.

**I.T. Express on the Move**

**I.T. Express** will have a mobile presence in the residence halls during move-in week as well as a table in the Recreation Hall during fall registration. By setting up as many new accounts as possible in these locations, **I.T. Express hopes to reduce lines in the walk-in area at Shields at the start of Fall quarter.**

---

**Mailing List Administration Course Offered On Demand**

**I.T. Trainings:** Mailing List Administration course, open to current list owners, administrators, and individuals interested in using a mailing list to disseminate information, is now available. The course is offered on demand, meaning that a class will be scheduled every two weeks if enough people have registered. Lists of names will be kept for two weeks, and interested parties will be notified whether or not a class has been scheduled.

If you are interested in signing up for the Mailing List Administration course, contact learnit@ucdavis.edu or call 754-8091. Your e-mail message should include your name, university status (student, staff, faculty), phone number, and the electronic mailing list responsibilities you perform for your department, course, or organization.

---

**I.T. Express** provides a mobile presence in the residence halls during move-in week as well as a table in the Recreation Hall during fall registration. By setting up as many new accounts as possible in these locations, **I.T. Express hopes to reduce lines in the walk-in area at Shields at the start of Fall quarter.**

---

**Upgrades**

- New computers will be installed in 247 Olson, 307 Surge IV, 301A Surge IV, 163 Shields, and 1101 Hart.
- PowerBook computers in 247 Olson will be upgraded with PowerPC processor cards.
- The New Media Lab (1154 Meyer) will get new and upgraded equipment, including a new digital video editor and a new bulk slide scanner.
- High-resolution NEC projectors will be installed in 1102 Hart and 1131 Meyer.
- To stay current with scheduled upgrades and changes, visit http://im.ucdavis.edu/rooms/changes.html.
- Complete information regarding computer rooms can be found at http://im.ucdavis.edu/rooms/.

---

**I.T. Times is published by the Division of Information Technology, University of California, Davis. To inform the campus community and others of information, is distributed free of charge to members of the user community and to other universities. Use of trade or corporate names in this publication does not constitute an endorsement or support of these products or services by the Division of Information Technology. I.T. Times articles may be reprinted as long as the source is accurately quoted and credited.**

---

**Volume 5, No. 7 • June 1997 Information Technology Times**

---

**I.T. Express** provides a mobile presence in the residence halls during move-in week as well as a table in the Recreation Hall during fall registration. By setting up as many new accounts as possible in these locations, **I.T. Express hopes to reduce lines in the walk-in area at Shields at the start of Fall quarter.**

---

**Upgrades**

- New computers will be installed in 247 Olson, 307 Surge IV, 301A Surge IV, 163 Shields, and 1101 Hart. PowerBook computers in 247 Olson will be upgraded with PowerPC processor cards.
- The New Media Lab (1154 Meyer) will get new and upgraded equipment, including a new digital video editor and a new bulk slide scanner.
- High-resolution NEC projectors will be installed in 1102 Hart and 1131 Meyer.
- To stay current with scheduled upgrades and changes, visit http://im.ucdavis.edu/rooms/changes.html.
- Complete information regarding computer rooms can be found at http://im.ucdavis.edu/rooms/.

---

**I.T. Express** provides a mobile presence in the residence halls during move-in week as well as a table in the Recreation Hall during fall registration. By setting up as many new accounts as possible in these locations, **I.T. Express hopes to reduce lines in the walk-in area at Shields at the start of Fall quarter.**

---

**Upgrades**

- New computers will be installed in 247 Olson, 307 Surge IV, 301A Surge IV, 163 Shields, and 1101 Hart. PowerBook computers in 247 Olson will be upgraded with PowerPC processor cards.
- The New Media Lab (1154 Meyer) will get new and upgraded equipment, including a new digital video editor and a new bulk slide scanner.
- High-resolution NEC projectors will be installed in 1102 Hart and 1131 Meyer.
- To stay current with scheduled upgrades and changes, visit http://im.ucdavis.edu/rooms/changes.html.
- Complete information regarding computer rooms can be found at http://im.ucdavis.edu/rooms/.

---

**I.T. Express** provides a mobile presence in the residence halls during move-in week as well as a table in the Recreation Hall during fall registration. By setting up as many new accounts as possible in these locations, **I.T. Express hopes to reduce lines in the walk-in area at Shields at the start of Fall quarter.**

---

**Upgrades**

- New computers will be installed in 247 Olson, 307 Surge IV, 301A Surge IV, 163 Shields, and 1101 Hart. PowerBook computers in 247 Olson will be upgraded with PowerPC processor cards.
- The New Media Lab (1154 Meyer) will get new and upgraded equipment, including a new digital video editor and a new bulk slide scanner.
- High-resolution NEC projectors will be installed in 1102 Hart and 1131 Meyer.
- To stay current with scheduled upgrades and changes, visit http://im.ucdavis.edu/rooms/changes.html.
- Complete information regarding computer rooms can be found at http://im.ucdavis.edu/rooms/.