Education students not prepared to use computer tech, says prof

By Jason Foster
Staff Writer

Cal Poly may have a reputation for producing quality engineers and agricultural specialists, but it may also be turning out teachers that cannot properly integrate computer technology into the classroom, said an education department professor.

Professor Dennis Nulman said Wednesday that Cal Poly hasn't shown enough commitment to adequately train teacher-education students to use technology in elementary and high-school instruction.

"It (Cal Poly) is failing to efficiently use its resources because we don't have an organized plan to use them beyond the state's minimum goals," he said. "As a result, we're getting students coming out with different levels of ability in technical applications in education." As of July 1, 1988, the state requires that all students seeking a professional clear credential take two computer courses. A professional clear credential is a state-required fifth-year credential for teacher education students.

The first of these courses can be any that fulfill the general education requirement for basic computer literacy. The second, Education 380X, or one of several equivalents listed in the class schedule, is designed to show specific computer applications and devices teachers can use in a classroom setting.

Nulman thinks Cal Poly should do more.

"We meet the minimum goals the state provides," he said. "You'd expect a polytechnic university to come out and meet more than the minimum goals."

Other members of the teacher education faculty, however, think Cal Poly provides enough instruction to teacher education students on educational technology.

"I would say the present (computer course) requirement is sufficient," said Professor H. Loose.

Group discusses format of spring commencement

Splitting of ceremony could remove Poly's 'black market' ticket trade

By Laura Daniels
Staff Writer

Should the Commencement Committee bring an outside speaker to address the spring graduating class? Should the ceremony be split into two separate ones? The Commencement Committee wants to know what students think about spring commencement.

Meetings are now being held to decide things such as who the speakers will be and if there will be multiple ceremonies.

Kim Waltrip and Jamie Howard were elected by the Executive Committee of Associated Students, Inc. last quarter to voice student opinions on the graduation ceremony.

"We act as sort of go-betweens between the Commencement Committee and the student committees (of ASI)," said Howard.

Bob Bostrom, chair of the Commencement Committee, said there were two ceremonies in December so students could get more tickets.

"I wanted to do away with the black market of graduation tickets," said Bostrom. "Each student would get five graduation tickets. If you have two graduation ceremonies, you'll get 10 tickets."

Last December's commencement ceremonies had agriculture, engineering and science and math students graduating in the morning, while business, liberal arts, architecture and professional studies and education students graduated in the afternoon. President Warren Baker spoke at both ceremonies.

Waltrip said she gets her ideas from students and friends, including her friends on the executive and academic committees of ASI.

When Waltrip or Howard get suggestions, the ideas are presented to the executive committee and the Commencement Committee. If the ideas are agreed upon, they become part of the plans for spring commencement.

Ideas may be submitted to the commencement committee members or left in the ASI box located in Room 217 of the University Union.
was unjustified and that Robert King's notion that there is nothing to be like the white man — bleach his skin, straighten his hair, lighten his eyes — because the white man is more beautiful is an act of violence of any form. His notion was not and is not justified on the basis of his own moral goodness on this count. To be like the white man would be like the white man — to deny or affirm the charges, he had a public life apart from his Christian ministry and should be judged on the basis of that, and finally, King's widow and children firmly believe in his moral goodness on this count. Coffman takes some of King's ideas as examples of racist behavior and not necessarily un-American to associate him with our way of life who have communist ties; nevertheless, King was always anti-communist. Martin Luther King Jr. was foremost a man. He was not perfect, but his accomplishments are overwhelming whatever faults his detractors may find.

Coffman graduated from Morehouse College with honors as valedictorian in 1953 and received his Ph.D. degree from Crozer and was at the time of his death 42 years old. He flew through the master's and Ph.D. programs at the prestigious Boston University to earn his doctorate at 26.

Before addressing Jeff Coffman's editorial in our last issue (Jan. 22 commentary, "ML. King undeserving of honor"), it may be necessary for us to remember the words of a French philosopher, "A man is his own best judge," and that his best judge is strong unless he bears within his character antitheses strongly marked." This means even the greatest men have weaknesses they would want us to overlook. Martin Luther King Jr. was foremost a man. He was not perfect, but his accomplishments are overwhelming whatever faults his detractors may find.

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No beef about it...

Prof finds cattle meaty subject

By Lee Shiffrar

As a youngster, Jack Algeo lived on a cattle ranch in eastern San Diego. Today, Jack Algeo is the head of the animal science and industry department at Cal Poly.

"It's interesting to come back to the university after having years of experience in the industry under your belt," Algeo said. "I've spent most of my working life in the industry (animal science and doing work place western states)," he said.

Algeo's first job was teaching animal science and nutrition at Cal Poly in 1949.

Algeo graduated from Washington State with a master's degree in Animal Science Nutrition and a bachelor's degree in Animal Science.

Before returning to Cal Poly about four years ago, Algeo worked in the animal science industry in many capacities. He worked as a resident nutritionist for a Santa Maria company, where he was responsible for livestock nutrition and research. He said people in this company were innovators in the mechanized feeding of livestock. From there he opened his own consulting firm working as an animal scientist in nutrition.

Algeo then decided to sell his firm and return to Cal Poly after taking "a 30-year Sabbatical," Algeo said the animal science and industry department at Cal Poly is unsung by any in the country.

"Cal Poly and our system is absolutely the best for undergraduate training," he said. "The Cal Poly Foundation makes the system go."

Algeo is also working on the Beef Safety Assurance Task Force. This task force, which has representatives throughout the United States, is a means to assuring that store owners and consumers have safe and wholesome beef products.

Algeo said the animal science industry has been a mature and stable industry.

"You will see better products on the market that are consumer oriented — a product that's as safe as humans can make it," he said.

Algeo said one of the most important things in the industry in years is to breed a leaner animal.

"We produce a leaner, more healthier product than we have ever before," Algeo said. "Today, there's 2 to 7 percent fat content within a loin steak. In years past there's been 20 to 25 percent fat content. There's a push to produce a nutritionally dense product that's high in vitamins, iron and protein."

Throughout his travels across the United States, Algeo has noticed that the one big question the consumer asks him is, "How come you use hormones and antibiotics in cattle?" Algeo said people are misinformed when told that the hormone estrogen could cause cancer.

Estrogen production in the human body is 130,000 parts per 1 billion (ppb) daily, said Algeo. In the nonpregnant female it's from 200,000 to 1 million ppb's daily. A steak from a non-implemented animal is about 2.4 ppb, and 3.2 for an implanted animal.

"How can it be any big thing when a steer has only 3.2 ppb?" he said. "There's a lot of false information on this. It is safe."

He said that less than 5 percent of beef producers are feeding antibiotics to their cattle. "There's more effective ways than feeding antibiotics to cattle," Algeo said.

Antibiotics are used mainly when animals are sick, he said, adding that antibiotics are used to keep the animal alive. In addition, it costs too much to always feed the animals antibiotics. Algeo said the industry tried hard to meet stringent FDA and USDA standards.

Algeo said he's enjoyed working at Cal Poly and in the industry.

"I tell my students to do something they like to do," he said. "When you do something you like to do, you invariably do it well."

Management conference to feature alumni

By Glenn Horn

A human resource management conference scheduled for Friday is the senior project of Christopher Bradbury, John Algeo and Tracy Westneate, who felt the business department needed a more specialized seminar planned "The New Age of Human Resource Management." The conference is scheduled for Friday, from 9 a.m. to 4:30 p.m. at the shore Cliff Lodge in Pismo Beach.

Human resource management "is a growing field, and it's going to be more important in the next decade," said Westneate. "We want to make it a little bit more well known."

Working in the Alumni Relations Office, the students began the project in September by searching the data base of more than 8,000 business alumni in the database of 6,000 business alumni to find panelists experienced in personnel or resource management departments of large- or medium-sized companies. Other experts were found through acquaintances and inquiries.

More than 100 students, businessmen and local representatives are expected to turn out for the event.

"It's generating quite a bit of interest on and off campus," said Westneate. "Hopes, from alumni relations for the School of Business and Social banks and local agencies are also planning to send teams to the conference."

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Committee seeks to change image, emphasis of Poly Royal weekend

9-step plan may downplay parties, alcoholic activities

By Larre Sterling

This year’s Poly Royal Committee has decided to change the image and focus of the 58-year-old Poly Royal weekend.

There is a growing concern that past Poly Royal weekends have focused more on “party royal” than on exhibiting Cal Poly’s educational achievements.

“Among the alumni, there’s an appreciation for the tradition and the exhibits, but among many students and prospective students, it’s a party,” said Scott Hablou, superintendent of Poly Royal. “Many other university students come because San Luis Obispo turns into one big party.”

In 1988, Cal State Chico’s 75-year-old Pioneer Days were canceled by the university’s educational achievements. “Among the alumni, there’s an appreciation for the tradition and the exhibits, but among many students and prospective students, it’s a party,” said Scott Hablou, superintendent of Poly Royal. “Many other university students come because San Luis Obispo turns into one big party.”

In 1988, Cal State Chico’s 75-year-old Pioneer Days were canceled by the university’s president due to excessive partying.

The Poly Royal Committee is implementing a nine-step plan in an effort to change the focus of Poly Royal.

There will be no alcohol paraphernalia, such as beer mugs, shot glasses and T-shirts, sold on or off campus during Poly Royal.

There was a meeting with beer distributors to stop the printing of “party royal” advertisements, and to increase a “Drink Responsibly” campaign.

There will be an increase in night-time activities sponsored by on-campus organizations.

The Poly Royal Committee is working with apartment complex managers in an effort to regulate parties and prevent riots. The committee is not trying to stop parties, but downplay them, said Hablou.

“We are trying to gradually stop it so that it doesn’t get too big that it has to be canceled,” said Hablou.

As concession booths increase, the amount of educational displays decrease. To change this, all 300 concession booths will receive a 5 percent discount on the university’s portion of profit if they set up an exhibit explaining the purpose of their organization.

“The key to preventing the problem from perpetuating is really in the attitudes of the students,” said Hablou. “If they don’t take pride in their school, their clubs, and hence, Poly Royal, we can talk until we’re blue in the face and it won’t do any good. The clubs need to take pride in themselves and put their best foot forward.”

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Hockey should be on network TV

Hockey is one of the most exciting sports to watch, live or on television, yet last weekend's All-Star game was the first network TV appearance by the NHL in years. What's the problem?

For starters, the pace of a hockey game doesn't lend itself to network television. You can't put away for a block of three commercials, because it kills the pace of the game. Each team only gets one timeout the entire game, so that can't be relaxed upon for a consistent commercial break. On cable networks such as Prime Ticket, they'll take a break after, say, an offside call and before the face-off to resume play, but they won't cut away for more than a 30-second spot. Even 30 seconds is too long, because like I said before, the pace of the game is ruined.

Another problem with the NHL is that the league is managed poorly. Hockey sedan on the verge of something big after, say, an offside call and be- seconds is too long, because like a contract renewal. Instead, the contract was awarded to TSN, a sports cable network that is on the verge of something big after, say, an offside call and be-

"United States. So the NHL is that the league is near the end of the 1990s, we could have full-scale national television coverage of hockey."

Men's Basketball

3-game winning streak ends

By Rob Lorenz

Poly losses two to Chapman, CSU Dominguez Hills

The men's basketball team lost out its three-game CCAA winning streak.

Playing their first league game away from Mott Gym, the Mustangs fell to Chapman College 86-76 on Friday night.

Coach Steve Beacon said the Mustangs led by one point with about 2:00 left in the game when Chapman's Beau Pack hit a three-point shot. Then Mustang point guard Simon Thomas intentionally fouled Chapman's Von Shuler as he scored on a breakaway layup. Shuler hit both free throws, and suddenly the Mustangs were down by six, and Chapman took it from there.

The Mustangs committed 15 turnovers in the game.

"We were playing a quicker team," Beacon said, "and we made some poor decisions on passes. We were a little bit careless." Stuart Thomas scored a game-high 27 points and grabbed nine rebounds for the Mustangs.

On Saturday, the Mustangs lost to Cal State Dominguez Hills 58-56. Beacon said his team's play improved from Friday night, but it wasn't enough.

"It's an uphill fight from now on," Beacon said.

Getting along swimmingly...

By Heather Dowling

After winning eight straight Division II national titles, the Cal Poly head coach for women's cross country said that his team is one of the top 10 programs in the United States.

Lance Harter — who was recently named as an assistant coach to the U.S. women's track and field team for the 1992 Olympics in Barcelona — also led his track team to a national championship last year, and five of the past nine years.

Harter said this success could not have been possible without the right recruiting.

"I think the reason we've had successful recruiting is that we have gone after a certain type of athlete that fits our personality as a coaching staff," Harter said.

"When you have both the athlete and the coach on the same wavelength, and have the same drive to be successful, then most likely the two of them are going to be compatible and work together at achieving the goals for the athlete."

Harter, who believes he is the first Division II coach named to the Olympic team, said that he has always been motivated to do the best job he can.

"Being a democratic type of person as a coach makes for a lot more work," Harter said. "It's a lot easier to be just totally autocratic."

Not only is Harter concerned about the athlete on the track, but off the track as well. "I think

I'm still the same guy, I just get an extra pair of sweats that say U.S.A. on the back," he said.

Harter's position as an Olympic coach has already started. He has such responsibilities as paperwork and phone contacts. He will also travel to international competitions in an attempt to establish solid relations between athletes and the 1992 Olympic coaching staff.

"So when we go to Spain, we're one solid identity. They know who we are, who we know they are, and we're comfortable with each other," Harter said.

After the Olympics, Harter plans to continue coaching at Cal Poly, even though he has had many other offers.

"There are very few jobs I'd even consider," he said. "We (my family and I) are very content here."

Harter finds Cal Poly to be a beautiful place to recruit, due to the unique blend of academics first and athletics second — a philosophy that is not necessarily practiced in a lot of universities across the United States.

"Dominguez played a super game," Beacon said.

Coby Naes led the Mustangs with 18 points, while Cal State Dominguez Hills' Raymond Bennett scored a game-high 26 points.

The Mustangs are now 13-6 overall, 3-3 in the CCAA.
COMPUTERS

From page 1
Bernard Strickmeyer, coordinator of the single subject credential program that trains students to teach at the high school level, said Strickmeyer, a mathematics professor, said the state Commission on Teacher Credentials sets a limit on the number of hours that can be required for a clear credential. Therefore, he said, increasing requirements is difficult.

"Whenever you increase requirements in one area, you have to reduce in other areas," he said. "You can't just add hours and hours.

Bernard Troy, coordinator of the master's degree program in computer-based education, said Cal Poly could "ask students to get better in technology," but that they also could be asked to get better in a lot of areas.

"Teaching students to deal with multi-ethnic and bilingual groups are priorities, too," he said. "Schools and teachers also have to meet needs they never had before, such as dealing with drugs, abused kids and latch-key kids. We could demand a lot more of everything."

"We're doing a pretty good job," said Ken Palmer, interim head of the education department. "I feel our students are coming out with enough skill to adequately in the classroom." Lucy Falcon, currently working toward her master's degree in education at Cal Poly, disagrees. Falcon received a liberal studies degree from Cal Poly in 1986. She said that the liberal studies program, which is designed to prepare students to reach at the elementary school level, didn't train her enough to use computers in the classroom.

"In my first year of teaching, I had a computer in my room and I didn't know what to do with it," she said. "Now I'm learning--two years after I started teaching."

"Two (computer) courses is adequate for the clear credential, but one should be required for undergraduates," said Falcon. "It would have been more of a use to me and given me more understanding on how to use it in the classroom."

Nulman said another problem is that no one in the teacher education faculty has really discussed what computer applications are appropriate for classroom instruction. Nulman added that most committees, such as the single- and multiple-subject credential committees, have never addressed the issue.

"There's no perception that there's a need for change," Nulman said. "The people responsible had having having to change it, so they leave it up to the individual teachers to do what they want with it."

"There's a lack of consensus leading to a lack of consistency in what is taught to the students."
From page 3
censful, it may become an annual
event, said Hughes.
The HRM concentration is still
relatively new and small," said Bradbury. "And I think it was
important to bring these
businessmen to students, and
to also inform other business
students what the concentration is about."
Free to all students, the con-
ference focuses on personnel
relations and will feature three
keynote speakers and six panel
discussions, led by Cal Poly alumni and businesspeople from throughout California.
Jan Duffy, professor of
business law at Cal Poly, will
discuss legal issues in the 1990s.
Harry Wilson, vice president of
administration in the Applied
Technology Division of Litton
Industries, will examine cor-
porate restructuring. James
Linhart, district sales manager in
Southern California for Eastman
Kodak, will cover the history and
potential of human resource
management.
Workshop topics will include
innovative benefits for the 1990s;
office politics: managing the
workplace; employee stress; how
to get the most out of employees;
the legalities of hiring and firing;
and the growing pains of expan-
ding businesses.
Conference participants will
include representatives from San
Luis Obispo County, Dart
Marketing Associates, Seagate
Technology, Sun Microsystems
and J.C. Penney.
The final day to sign up is
Wednesday in the Dean's Office,
located in the Business Ad-
ministration and Education
Building.

CONFERENCE

From page 3

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