Tech Scientist Predicts IC Revolution

By Jim Reichle

The world of the integrated circuit continues to experience advancement in integrated circuit technology, according to Caltech's Professor John Andelin at the Ninth AnnualASCIT Conference in Los Angeles last week. "The Integrated Circuit Revolution Is Only Half Over," Dr. Sutherland said during a speech. "It is not merely a matter of increasing the number of circuits on a wafer or of making the circuits smaller or more efficient... The trend is toward integrating circuits into larger and larger systems, and this trend will continue."

The next step in this revolutionary trend is toward integration of circuits into larger systems. In fact, Dr. Andelin predicts that IC's will be used in every device we use: cars, televisions, watches, calculators, and other devices. He further predicts that IC's will dominate not only the consumer electronics industry, but also the aerospace and military industries.

BOD Suing Former ASCIT Treasurer Ole Anderson

By Spencer Klein

The ASCIT BOD is suing for $37,000 from Ole Anderson, the former ASCIT Treasurer. Anderson, along with the Big T Business Manager, received a 15% commission on sales of T-shirts and other ASCIT products. The two men were reimbursed for the money they had spent on advertising and other costs associated with the sale of these items.

The controversy began when Dr. Raymond, President of ASCIT, learned that the money had not been properly accounted for. When Dr. Raymond requested that the money be returned, Anderson and the Big T Manager refused to comply. The BOD then brought the matter before the small claims court in connection with Jostens Yearbook.

Theft Problem Remains but Burglary Rate Down

By Richard Wilborn

Although the burglary rate here is declining, Caltech continues to have problems with thefts, according to Lee Chapman, director of campus security. In addition to the stolen items earlier reported (see Tech, Oct. 14), items missing include the brass letters spelling out "California Institute of Technology" on the wall at Wilson Avenue and San Pasqual Street; two calculators, a small stereo, and a clock radio from the same dormitory; and a stereo system that was temporarily left in a hallway while being moved.

Not all losses, however, are made, even if fitfully. Last fiscal year, the total value of items stolen from the campus was about $37,000; three years ago, the figure was close to $60,000.

HSS Sweeps Four of Six ASCIT Teaching Awards

Six Caltech professors—Robert Bergman, William Corcoran, David Elliot, Holly Jackson, Edwin Mungar, and Rodman Paul—are the recipients of the second annual ASCIT Awards for Excellence in Teaching, it was announced today.

The ASCIT Board of Directors based the choices on data gathered for this year's Teaching Quality Feedback Report, the course-evaluation booklet. Instructors who were rated highly in the categories of clarity, enthusiasm, and interest were considered for the awards.

Interestingly, four of the six winners are from the Division of the Humanities and Social Sciences. Holly Jackson, assistant professor of English, has been here only since 1975, yet in that short time has impressed students with her enthusiasm for her subject (Shakespeare).

Professor of History David Elliot was cited for his Introduction to Europe class, which one student explained was "excellent" because of the concentration on "trends and reasons rather than dates." Rodman Paul, professor of history, was also commended for his teaching a freshman class, American Life and Thought.

For his seminars in political geography, Professor Edwin (Ned) Mungar was commended by the BOD. Mungar, a noted expert on Africa, received many enthusiastic positive comments in the TQFR.

The two winners from science are from the Division of Chemistry and Chemical Engineering.

Chem Lab Gets New Director

By Geoff Sommer

Dr. Jane Raymond, new Director of Undergraduate Laboratories, is perhaps the most aesthetic acquisition of the Chemistry department in recent years. Despite this, it is evident after meeting her that she wants people to regard her as just another faculty member.

Formerly a visiting professor at U.C. Berkeley, Dr. Raymond was approached here by Tech's Dr. Sunniy Chen. After touring this campus and meeting chemistry faculty and administration, she decided to accept the task of integrating the various chemistry departments.

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"My Life as a Hired Gun" Washington Exposed by Former RA

By Spencer Klein

"My Life as a Hired Gun" was the title of Dr. John Andelin's account of his experiences in Washington as science consultant to the House Committee on Science and Technology. During the Monday evening "Y" discussion, Dr. Andelin described himself as an information broker and expeditor. His job consists mainly of gathering information on various bills before his committee, censuring it, and distributing it to congressmen on the committees. He also suggests bills and modifications of bills to congressmen, and generally keeps them advised on scientific topics under consideration, his specialty being solar energy research.

He said he gets his information from many official sources—the General Accounting Office, the National Academy of Sciences, the National Science Foundation, and the Office of Technological Assessment—as well as from peers and letters to colleagues all over the nation. The thirty pounds of mail per week and thirty or forty calls per day that this amounts to is almost overwhelming, he added.

Dr. Andelin received his BS form Caltech in 1955, went to Stanford for a year of graduate work (he described it as "easy", after his undergraduate work), and returned here, finally receiving his PhD in 1965. During this period, he was a Ricketts House Resident Associate. After that he worked for Ford and Hughes doing liquid-helium research. He then went off to Harvard to work on orbiting telescopes.

Dr. John Andelin at Monday evening Caltech Y presentation. Photo—Joe DiGiorgio
**Commentary**

**Panama Canal: A Chance to Make Amends**

With the agreement between Jimmy Carter and Panama's General Omar Torrijos two weeks ago and the plebiscite in Panama this week, the reasons for quick Senate approval of the Panama Canal treaty are becoming more apparent than ever.

In his meeting with Torrijos, Carter erased doubts surrounding two key elements of the treaty. A three-paragraph statement released after their meeting affirmed that the U.S. has the right to defend the canal after 1999 and that U.S. warships have priority in using the canal in emergencies. At the same time, it provided that nothing in the treaty should be interpreted by the U.S. as a right of intervention in the internal affairs of Panama. This last provision was a much sought after face-saving concession desired by the Panamanians.

It is this problem of face-saving that seems to be at the root of opposition to the treaty in both countries. Conservative Americans charge giveaway and worry about the U.S. losing stature in the world community if we give in to Panama. At the same time, militant Panamanians, citing the fact that the canal was obtained by the U.S. in a completely unethical manner, say that the Canal Zone is legitimate Panamanian territory and demand full and immediate control of the canal.

An additional worry of many Americans is that the canal will not be in safe hands if the Panamanians control it. They cite the Suez Canal as a prime example. However, this argument ignores two basic facts. First, that since the canal ethically (if not legally) belongs to Panama, it should not really matter how well they can run it. Second, that the canal is no longer of prime importance to the U.S.

If the canal treaty is not approved, the issue of who runs it could become of no importance anyway. There are many groups in Panama that would rather bomb the canal than leave it in U.S. hands. Various reports have shown that small groups of saboteurs could effectively disable the canal, and American soldiers are no match for Panama's Panamanian people have compromised enough to support when fighting in their tropical jungles.

The American-held Canal Zone cutting through the middle of their country is an irritation to most Panamanians akin to what ours might be if the French still owned the Mississippi River. It gives America the image of a repressive, imperialistic superpower throughout the world. This is something we can ill afford in this day and age. The Panamanian people have compromised enough to support American control through the end of the century by a margin of two-to-one. An equal showing of good grace by the Panamanian people has been relatively low tuition (Table 1). To make comparison of tuition and educational expenses easier, I have constructed two indexes, graphed in Figure 2. These indexes are for tuition and general expenses less sponsored research expenses. The base period for both was taken to be 1970 through 1976.

However, looking at the figures in another way, tuition has been increasing at the rate of 6.3% per year while educational expenses have been rising at only 4.1%. This is during a period of increasing enrollment. At the same time, Figure 3 shows that the percent of educational expenses accounted for by tuition revenue and student notes receivable is creeping upward by about two thirds of a percentage point each year. This may indicate that Caltech is suffering from the same problem as most private schools: a decline in private gifts. Administrative sources, on the other hand, claim that the proportion of non-tuition funds has been relatively constant. I was unable to find any information that would resolve this contradiction. In conclusion, tuition at Caltech is fairly reasonable and is lower than that of institutions of a comparable level. Roughly 75% of the cost of a Caltech education comes from non-tuition sources. However, it seems that the portion of the educational costs that students will be asked to pay is increasing.

**Analysis**

**Students Bear Higher Tuition Burden**

By Brett Stutz

In spite of annual increases in recent years, tuition at Caltech remains rather low. Increases have been basically justified by increasing expenses. However, it appears that tuition is providing an increasing part of educational costs.

It costs roughly $15,500 per year to educate a student at Caltech. The Institute's annual budget is about sixty million dollars. About one half of this is for sponsored research. There is a hazy distinction between this and the 28% allocated to the divisions. From this 28% come professors' salaries and other educational costs. Plant expenses and administrative costs account for the other 22% of the budget. Making the approximation that plant expense is shared in the same proportion as the rest of the budget gives a figure of 40% for educational expenses. (See Figure 1).

Caltech tends to have high plant expense because of the large amount of laboratory space. The comparatively great opportunities Caltech students have to use sophisticated equipment and do research increases the cost of a Caltech education. Even so, comparison with other top schools shows Caltech to have relatively low tuition (Table 1).

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To make comparison of tuition and educational expenses easier, I have constructed two indexes, graphed in Figure 2. These indexes are for tuition and general expenses less sponsored research expenses. The base period for both was taken to be 1970 through 1976. The graphs show that increases in tuition have followed increases in tuition fairly closely.

However, looking at the figures in another way, tuition has been increasing at the rate of 6.3% per year while educational expenses have been rising at only 4.1%. This is during a period of increasing enrollment. At the same time, Figure 3 shows that the percent of educational expenses accounted for by tuition revenue and student notes receivable is creeping upward by about two thirds of a percentage point each year. This may indicate that Caltech is suffering from the same problem as most private schools: a decline in private gifts. Administrative sources, on the other hand, claim that the proportion of non-tuition funds has been relatively constant. I was unable to find any information that would resolve this contradiction. In conclusion, tuition at Caltech is fairly reasonable and is lower than that of institutions of a comparable level. Roughly 75% of the cost of a Caltech education comes from non-tuition sources. However, it seems that the portion of the educational costs that students will be asked to pay is increasing.

**Thuncan by P.M.**

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**Figure 1. Institute Budget**

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<td>60</td>
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**Figure 2. Comparison of Changes in Tuition and Educational Expenses**

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<th>Educational Expenses</th>
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<tr>
<td>1976</td>
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<td>160</td>
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</table>

**Figure 3. Tuition Revenue and Student Notes Receivable as Percent of Educational Expenses**

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</tr>
<tr>
<td>Yale</td>
<td>4400</td>
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</tr>
</tbody>
</table>

**Table 1. Tuition at Leading Universities**

**Figure 1**

- **Title:** Institute Budget
- **Legend:** Divisional Operations 100%, Sponsored Research 50%, Plant and Administration 22%

**Figure 2**

- **Title:** Comparison of Changes in Tuition and Educational Expenses
- **Legend:** Tuition Index

**Figure 3**

- **Title:** Tuition Revenue and Student Notes Receivable as Percent of Educational Expenses
- **Legend:** School

**Table 1**

- **Title:** Tuition at Leading Universities
- **Data:** School, Tuition

**Conclusion**

In conclusion, tuition at Caltech is fairly reasonable and is lower than that of institutions of a comparable level. Roughly 75% of the cost of a Caltech education comes from non-tuition sources. However, it seems that the portion of the educational costs that students will be asked to pay is increasing.
**News Briefs**

**Sign Up to Get Out!**
All seniors are advised that they should stop by the Registrar's Office not later than Monday, November 7, to review their course records and sign declaration of candidacy forms.

**The Pumpkin Falls At Midnight**
From the south end of Millikan on the night of Halloween. Come and be festive. Another Danby House production.

**Black is Beautiful**
There will be a Black Mass this Saturday midnight in Rickert. Christians are especially welcome.

**Now Just Find a Ballroom**
Ballroom dancing will begin on Friday the 28th (that's tonight) at 7:30 pm in Winnett Center. Lots of women are promised.

**Starship Captains Wanted!**
The Caltech Gaming Society will present a scenario of Alien Space this Saturday at 7:30 pm in Danby Hall. New players are welcome.

Speak Out on Financial Aid
The Faculty Committee on Scholarships and Financial Aid is anxious to have undergraduate student opinion on all aspects of financial aid at Caltech—including the size of the self-help package, loan policy, and prize scholarships. Anyone with an opinion (as distinct from a gripe about some detail of his or her case) will do us all a favor by bringing it to me, Peter Fay, (Baxter 236, I'm here most of the time and the door is literally open) or to the two undergraduate Committee members, Bert Wells and Maria De Jesus (both of Rudderock).

**Big Bucks for Future Fatgrads**
California State Graduate Fellowship applications are anticipated to be available in the Placement Office in early November. The deadline date for the 1978-79 competition will be February 6, 1978.

**Got Your PhD? Now Get a Job**
The following companies will be on campus for possible employment during the period Nov. 1-Nov. 4.

- Dabney Hall, Nov. 1—Standard Oil, Continental Oil Co., Union Carbide, Allied Chemicals
- Nov. 2-3-M Co., Shell Development, Atlantic Richfield, DuPont
- Nov. 4-JPL, Harvard University, Graduate School of Business Administration

**Beyond Mars: Voyages to the Outer Planets**
A two-part symposium for students and the public will be presented on Sunday, October 30, 1977, from 1:00 pm to 6:30 pm at the California Museum of Science and Industry at the G. E. & Martin B. Kiesey Auditorium. The keynote address will be by Gentry Lee, the section manager of the mission design section at JPL. Several talks will be given by persons from JPL, Caltech, and TRW. The symposium will also include a music program featuring "The Sounds of Earth," a recording sent into space aboard the Voyager probes for the benefit of potential extraterrestrial listeners.

**National Research Council Fellowships**
The National Research Council is pleased to announce the NRC Research Associateship Programs for 1978. These programs provide opportunities for post-doctoral research in many fields of science and engineering. Appointments are awarded on a competitive basis to recent recipients of the doctorate and, in some programs, to senior investigators. Certain programs are open to non-U.S. nationals as well as to U.S. citizens. Stipends (subject to income tax) will begin at $17,000 a year. Grants will be provided for family relocation and for professional travel during tenure.

**Food Co-op Hungry For New Members**
The Caltech Food Co-op seeks new members. We buy fresh fruits and vegetables, cheese, eggs, and other good food weekly at wholesale prices. For further details, call Joel Rubenstein, 795-8983 between 4 pm and midnight.

**Caltech Y Presents...**
Today: The Caltech Dixieland Band will be entertaining in the quad. Bring your lunch and enjoy this informal concert at noon. Tomorrow: Bill Schaefer and Dave Wales will lead a day hike to Mount Baldy. Come by programs office today and let us know if you're interested.

**Come as You Were (in a Past Life)**
You're all invited to a costume dance party tonight in Dabney Lounge at 8 pm. A dollar donation is requested. The theme is: "Come as you were (in a past life)." For information call Moses Ma at 792-0086.

**Let's Get This Over With, Part II**
Nominations are now open (again) for the offices of Junior Class Secretary and Treasurer. This may be your last chance to enter the race for these coveted positions.

**Get High This Week**
The Caltech Cycling Federation will be riding to Mt. Wilson this Saturday, Meet at 7:30 am at the Quad.

---

**Caltech's... Burger Continental... Invites all freshmen and new grad students to come over... and get a 25% discount with a Caltech discount card!** Just $7.50 buys you $10 worth of good food

**Offer expires October 31**

Discount cards are available for $8—still a 20% savings

**Get 5 Cards for only $37**

**Specialties**
- Shawarma, Souvlaki—Steak Delicacies
- Baklava, Bourna—Armenian Pastry
- Desserts
- Falafel—Vegetable Burger with Delicious Sauce Wrapped in Bread

**Special served every night:** Usually Steak or Prime Rib, Rice Pilaf, Salad, Vegetable, and Refills on Soft Drinks and Milk

**Burger Continental 792—6634**
Located on Lake % Block North of California
Ramona" to Premiere at Gates

The premiere performance of Ramona, a surrealistic play, takes place at the Caltech theater and a formal visual art experience, will be held on the steps of Gates Laboratory Friday and Sunday Oct. 29. The drama, presented by the SSB, a fine arts resource center at Los Angeles, is sponsored by Caltech's Baxter Art Gallery. The performance begins at 8 pm and runs approximately one hour.

In Ramona, artist-playwright Guy di Cointet and Bob Willute, also known for their graphic art and drawing, present their audience with the book in a series of symbols, cryptograms, codes and subtitles of activity that characterize their work on canvas.

The play's simple plot revolves around a young woman in a new home looking over the Pacific Ocean who is visited by friends, family members, and a stranger. However, the drama is the use of music, props, action, and dialogue to give viewers "a different way of looking at events.

Baxter Gallery selected this work for performance on the campus partly because of the author's interest in the technical side of Caltech--in numbers and systems as they are used in the Caltech environment and elsewhere.

Tickets for Ramona are $3.50 ($1 to Caltech students). For further information contact SSB (213) 386-1112 or the Baxter Art Gallery 795-6811, ext. 1371.

Cinematech Halloween Special Promises to Scare You Right Out of Your Seat

By Mike Kurilla

This week Cinematech is offering a Halloween special to scare you right out of your seats. For cultists of the horror film we are presenting The Night of the Living Dead, and for those who specialize in silents we have Phantom of the Opera.

The Night of the Living Dead opened on 42nd street in 1968 and was expected to have a very short run and die an undignified death of a typical Class C flick. To make the situation seem more bleak, the film was made in Pittsburgh by a gentleman who previously to this film had been making commercials in a studio he owned himself. With all this going against it, the underground critics jumped on it and proclaimed it a serious work of film art. They were so adamant about it that by 1970, the film was being shown at the Museum of Modern Art with George Romero, the director, present, snarling ear to ear.

The beauty of the film is in its overcoming everything against it. Being filmed on a shoestring, it is probably one of the lowest-budget films ever made. There are almost no professional actors in the film. Romero used all the local talent he could find and when he ran out of local talent, he used anybody off the streets. Also to his credit, the planning was so good that it actually came in on budget.

In retrospect it is probably one of the best experimental works of 1968. The use of atmospheric lighting and handheld camerawork is delightfully refreshing. Not attempting to create any suspense, the film goes against all the rules of horror films and begins immediately with terror and screams.

As for Phantom of the Opera there isn't much to say about this classic film. Perhaps a tribute to its greatness is that it was remake twice, but the original was never equalled. The story concerns Eric, horribly disfigured for life, who takes refuge in the sewers beneath the Opera House. He finally kidnaps a beautiful Mary Philbin and tries to turn her into the best opera singer in the world.

Loa Chaney, "the man of a thousand faces," plays Eric. His makeup in this film is about the best found in the silent film era.

Consider, what he had to work with, in a less impressive feat. The mask of Red Death that he wears as he enters the ball is all makeup. Eric's face may well be the most famous and frightening makeup effect of all time.

The show times are: next Saturday night at 7:30 pm in Baxter Lecture Hall in Beautiful Pancera. Downing Hall, Student Union general and $1.00 for ASCIT and CSC. Refreshments will be served during intermission.

ASCIT Friday Movie

For anyone who was really turned on by Romero's film last Saturday or anyone who missed it and deeply regrets it, this week an ASCIT movie is The Pit and the Pendulum. This film predates The Seven Samurai by about 3 years and is the film that is responsible for bringing Japanese cinema to the Western world.

Romero responded to this film by making Ostrage about 13 years later.

ASCIT Movies are also in Baxter, on Friday nights at 7:30 and 9:30 pm. Admission--50 cents for T-cards, $1.00 for anyone else.

Swords & Starships

By Nick Smith

A couple of years ago, an announcement was made in the papers that someone was planning to make a film out of Andy Mage's Dark Tower books. That person was Roger Zelazny. This was good news. Then they announced which book would make the film: Damnation Alley. That was bad news. Eventually, it was announced that the title might be changed to "Survival Run." That was worse news. Finally, it was announced that Jan Michael Vincent would be starring in the adaptation, and that was the worst news of all.

Damnation Alley is one of Zelazny's worst books, and it would be difficult to make into a movie. In fact, it is almost fortunate that the filmmakers didn't really try to use the book. Zelazny's works are mainly character studies, often weakest in the area of a plot that can be readily visualized. This one had unexplained holocausts, flying rocks, and a rotten motivation.

Somewhere along the line the people making the film may have noticed this and decided to rework the essentials. Unfortunately, they picked a pair of apparent hack writers. The result is a 1940's movies, fictioned with a few 1970's special effects.

The Original Story

In the original story, an ex-Hells Angel leader gets coerced into driving an all-terrain vehicle (ATV) into Los Angeles from the central U.S. to deliver a supply of vaccine to one of the few remaining pockets of humanity after a series of disasters. Hell Tanner, the driver, finally makes it across the country from California to the east coast, after a lot of hardships and soul-searching. Most of the actual trip involved a climate gone literally insane. This version takes the first part of the story, reminiscent of J.G. Ballard and other authors who use outrageous winds and other weather devices as a means to start a story in motion.

Damnation Alley is the movie version converts Hell Tanner into an Air Force officer who helped return missile to Scare You Right Out of Your Seat.

As it happens, the movie version of Damnation Alley did come true--especially in some decent special effects, since they had to do unusual sky scenes for almost half of the film. They also had to build an actual working ATV. Unfortunately, they spent all of their time and money on this, and thus did not achieve such things as having a simple usability of the ATV. The use is certain scenes that required two such vehicles to be shown. The omission requires a set of overlapping, since it requires a machine to play twins without using matts or a split screen, it fails.

World War III

Another weakness of the film is that almost one-fourth of the film is focussed simply on World War Three, while glossing entirely over the two years of planning and execution, as failing to explain the least possible events that occur near the end of the book. Suspension of disbelief is pushed beyond any reasonable limits here, and you just have to accept it the way it is. I did, however, grit when the writers of the script didn't bother to Continued on Page Six
HIRED GUN
Continued from Page One

Announcement from the Bookstore

NOV. 7
THE CALTECH BOOKSTORE
WILL BEGIN RETURNS
OF OVERSTOCK TO PUBLISHERS

Plan to buy Fall Quarter texts soon!!

BURGLARIES
Continued from Page One

HIRED GUN
Continued from Page One

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WINNERS

THE ASCIT FRIDAY NIGHT MOVIE

Rashomon

7:30 p.m. & 9:30 p.m.
in Baxter Lecture Hall

ADMISSION: 50c—ASCIT members
$1.00—anyone else

NEXT WEEK

2001-A Space Odyssey

HARVARD BUSINESS SCHOOL

MBA PROGRAM

An Admission Representative from Harvard Graduate School of Business Administration will be on campus

Friday, November 4, 1977
to meet with students interested in the two-year MBA Program

Contact the Career Planning and Placement Center for more details and to sign up for an information session.

Harvard Business School is committed to the principle of equal educational opportunity and evaluates candidates without regard to race, sex, creed or national origin.

ROMA GARDENS

BEER & WINE

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5:12 p.m. Fri-Sat

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275-4596
LAB DIRECTOR

Continued from Page One

I laboratory courses. To this end, the position of "Director of Undergraduate Laboratories" was created.

Due to the importance of the work of the laboratories, responsibilities were assigned the new director.

Born in Oregon, Raymond studied at Reed University and M.I.T., and has taught at Reed, the University of Chicago, and U.C. Berkeley.

At M.I.T. she found that women had a hard time securing teaching assistantships, since professors considered females to be both incompetent and laboratory distractions.

Lecturing at Berkeley, however, the professor were isolated from the students. Because neither of these things is true at Caltech, she feels that Caltech offers the best of both worlds.

DAMNATION ALLEY

Continued from Page Four

learned how to read either a compass or a map before writing a set of directions into the climax. Oh, well.

The film also contains the obligatory amounts of blood and gore for either a George Peppard or Jan Michael Vincent film, although they had to give up sex entirely for their PG rating. After all, destroying 99% of the world's population during the opening 20 minutes is followed by killing off much of the rest in grey ways throughout the rest of the film, so something had to give. I still think that there is something wrong with Jan Michael Vincent's riding off into their destination with a 13-year-old boy instead of the beautiful girl, though, Anita Bryant would have a fit over the implications.

Basically, as a 1950's, low budget, black-and-white film, Damnation Alley isn't bad. Unfortunately, it was a 1970's, high-budget, color film with no excuses for a poor job. Miss this one if you can.

IC REVOLUTION

Continued from Page One

cost of computers.

Sutherland said that the widespread availability of personal computers due to this cost reduction could change our lives significantly. He devoted the last part of his lecture to demonstrations of the influence of the computer on three areas. He thinks will be most affected—speech, music, and pictures. He showed how a male voice could be made to sound like a female's using current IC technology. He also displayed an impressive collection of computer-produced art, a field in which he is a pioneer. Dr. Sutherland concluded the lecture by saying that tomorrow's computers will be able to change our lives so drastically that we may hesitate to use them.

American Cancer Society

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BOD SUING ANDERSON

Continued from Page One

matter to the BOC.

According to Bob Chess, the BOD then asked the BOC to rule on the case, but the BOC refused to get involved.

Anderson then asked the BOC to convict the entire 1976-77 BOD on the grounds that they were taking unfair advantage of him by asking him to return the money. The former BOD rejected the charge because the matter had come light only recently and because Anderson was the only one to have knowledge of the financial details at the time the incident occurred. By the time these affairs were resolved, he was a graduate student at USC, beyond the reach of the BOD, except for legal measures.

Last May, the BOD appointed Bob Chess as special prosecutor in the case. Over the summer, he sent Anderson a registered letter asking for the return of the money and threatening legal action if necessary. The letter was accepted by an "authorized agent" and it is not known if Anderson ever received it.

This full legal action was begun. Anderson was sued in small claims court. The trial is scheduled for next Thursday in municipal court. Chess has asked the country marshals to serve a subpoena on Anderson. The marshals who usually serve it USc area is on vacation, so the subpoena has not been served yet. Supposedly, there will be an attempt to serve it today.

There have been rumors that Anderson left USC and went back to Wisconsin. When asked about these rumors, Chess repulsed that it "might be worth $550 to get rid of the bum." If he is left the state, collecting the money will be a lost cause, I added.

How to convince

Mom and Dad to buy you
a pre-paid Trailways ticket home

Check boxes, clip out, mail to parents.

Dear Mom and Dad,

Things are swell here at college except, of course, the food, which is so bad that I'm down to 91 lbs. living on salted water sending samples to the biology lab hoping you'll buy me a prepaid Trailways ticket home to get a decent meal.

I sure could go for some of Mom's good ol' apple pie Riz de Veau à la Financière blood transfusions Trailways tickets paid for at your local station and picked up at mine.

Dad, next time we get together, I want to tell you about my part-time job how I suddenly realized what a truly wise and magnanimous fellow you are where I left your car last New Year's Eve thanks for making this trip possible with a prepaid Trailways ticket.

I also need some advice on a personal matter my backhand where one can hire decent servants these days how to separate you from a few bucks for a prepaid Trailways ticket.

Got to sign off now and go to class to pieces drop three or four courses to the Trailways station to see if anyone sent me a prepaid ticket to get out of here for the weekend.

Love,

P.S. Just go to the Trailways station and pay for my ticket, tell them who it's for and where I am. I pick the ticket up here when I go to catch the bus.

Trailways

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Friday, October 28, 197
In early in the game, Werner was still out when the team met Claremont-Mudd on Wednesday. (The team has really been getting a workout.) Hampered in addition by having only one substitute for the field we went down 18 to 7. Considering, however, that Claremont's third string goalie was an all-American, Tech put in a very credible performance.

The team is pulling together very well, in fact captain Chris Sexton says that the teamwork is the best in several years. With this old weakness gone the team looks confidently to the future. They go against Whittier here on Saturday at 10 am. Come by and welcome back that battling beaver, Lloyd Maxson, now recovered from giving his all for the team.

Ambassador Falls to Beavers

Water Polo Wins

By Ed Bielecki

Despite its 5-1 record of the last week the Tech water polo team is quite cheerful, and has good reason for being that way. The first game, a 19-4 loss to Oxy was reasonably well played, but against the tremendously strong Oxy team this did not, as count for much. Though weakened by the loss of Bill Pwer due to illness, the team still made good showings in their Sunday loss to Pomona-Pitzer (38 to 5) and their Monday victory over Ambassador (13 to 12).

The victory was hard-fought, with the winning goal made in the last 15 seconds by Jim Finley, who had already scored other goals in the second half. Neither of the team's strongest players Werner Pyka, was out of action due to an impacted finger.

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Soccer Beats the Leader

By LCA

The soccer team has thrown off its early season lethargy and is endeavouring to ruin Caltech's spotless athletic reputation with a three game unbeaten streak.

Neighbouring Occidental was the first to feel the bite of our aroused Beavers. Despite the tiring journey our heroes hastened to a 4-1 lead in the first half. Peter Kezios made things interesting by getting himself thrown out of the game in the second half. Forced to play one-man-down, the defense managed to hold on and Tech triumphed 4-3.

After enjoying a night among the delights of Disneyland, a surprisingly awake (well, most of them were awake) team met league leader Claremont. Quickly making mincemeat of Tech's standard strategy, our champions rolled up a quick 3-0 lead before Claremont could figure out that they really were playing Caltech. With Bruce Baker returning home to center back (after a vacation at center half) our eager Beavers easily made the early lead stand up. Bruce gave Claremont a penalty kick so they wouldn't feel totally humiliated, but they had few other chances and Tech wound up on top again, 3-1.

After the outstanding victory, the offense took a day off Wednesday against Redlands. Though they outplayed their opponents at times, they just couldn't get it in. The defense did its usual superb job, with special credit to heads-up play by Bruce Behymer. The result was a frustrating 0-0 tie.

Nonetheless the unbeaten streak was extended to three and the team attempted to extend it Saturday at Whittier. For making the best goal that wasn't a goal, and especially for being the first Caltech player thrown out of a game in over four years, Peter Kezios is named Beaver of the Week.

Yeung Tsang tries for a goal as Caltech beats Claremont 3 to 1.

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