All The News That Fits

The CALIFORNIA Tech

Pasadena, California, Friday, April 26, 1974

We Print

Number 25

Volume LXXV

Nixon Defended by Loyal Special Assistant

by Chris Harcourt

Wednesday night, the Caltech presented another of its "Evening Spotlight" series. The speaker was the Rev. John McLaughlin, S.J., Deputy Special Assistant to the President. The topic of his speech was "In Defense of the Presidency."

It might have been good. Of course, the initial presentation was artfully disguised drivel, but then the meat of the evening should have come in the question and answer period. Not knowing quite what to expect, I attended. "I convey the warm personal

greetings of the President," he said. I've been drafted?

From here it degenerated. Arguments included the fact that prior Presidents have committed impeachable acts "My proposition to you this evening is that President Nixon is part of a group subject to vituperation ... which he does not de-serve" and the somewhat defensible statement that evidence searches begin to resemble ex post facto impeachment.

However, when things should have improved, i.e. during the feedback, Father McLaughlin came into his own. He neatly and efficiently made asses of about a hundred Techers. What the Techers did not seem to realize was that they were attempting to argue with a man doubly trained in sophistry-he is both a lawyer and a Jesuit. He did not, of course, answer questions, he rebutted them. If this was to be done by an irrelevant fact, then it was done. The object was not to answer, but to dodge and silence. Naive members of the audience blindly followed these irrelevancies to their dooms. At one point, a Techer found himself arguing that Nixon should be impeached for being injudicious.

Father McLaughlin at one point noted that he has very little success on college cam-**Continued on Page Three**



DR. JOHN McLAUGHLIN pauses in his defense of the President during a program sponsered by the Caltech Y. Photo by R. Gruner

All This for \$5 **Copier Boldly Robbed**

by SMC Sweeney

Millikan Library's first-floor copier was the victim of an attempted robbery last Friday evening. Two non-Techer types allegedly tried to abscond with over \$5 in nickels, dimes and quarters from the cheapest copier on campus.

The youths entered Millikan about 7:20 p.m. and were immediately stopped by the library-sitter and prohibited from going upstairs. They claimed they wanted to use the copier, but upon discovering that it was a nickel copier, asked the sitter if any other copiers were on campus. The sitter replied that the machine was the cheapest copier around, unaware of the pair's intentions.

After fishing around for change, the thieves began simul-

taneously making copies and unlocking the padlock on the change box. One of the youths positioned himself between the sitter and the machine, thus preventing a visual discovery of their deed.

The sitter was first alerted when he heard the change box rattling. Deciding to discreetly investigate, he got up to adjust the volume of the music he was listening to. The sitter then noticed (as he walked back to his desk) that the change box padlock had been tampered with. He immediately notified Security, which responded just as the youths were leaving the library.

The two headed east after leaving Millikan, but the sitter, in confusion, told Security that they went west. However, most of the force was already on the east end of campus; consequently, westward-heading Security ran right into the eastward-fleeing pair.

Security gave chase and apprehended both suspects shortly after sighting them. Pasadena Police arrived soon thereafter and took the two into custody. PPD complimented Security on their performance in apprehending the youths.

No damage was done to the helicopter.

Students Make Constructive Solution

Students seeking to alleviate the Caltech parking crises swung into action last Monday and erected a parking lot on the Olive Walk. The lot consists of several yellow lines and some car-stops. Materials were provided through the generosity of a large West coast foundry and software company sympathetic with the plight of car owners everywhere.

The car-stops are lettered with the names of popular Caltech folk-heroes as a reminder to all of our rich heritage. Dirty Dave's blacklist and secret files confirmed the identity of most of the names. A small ribboncutting ceremony marked the event, but Dirty Dave was unable to attend; he was reportedly at home in bed at the time.

No official thanks have been forthcoming from the plush, marble-enshrined administration offices, but in an apparently unofficial move, a security guard attacked and destroyed a cardboard commemorative plaque erected to note the aforementioned foundry and software's contribution to the effort.

Of course, this parking lot will do little for the average man at Caltech, but it was not designed to, says a spokesman for the

band of hearty lot-builders. We just decided something had to be done, and we had the choice of either building or wrecking a parking lot," related the student, with a gleam in his eye, "and building one was a lot easier!'

D.C. Elliot – FMOTMOA

Although many of this article's erstwhile readers may not be aware of the fact, Dr. David C. Elliot, Professor of History, was named at a recent BOD meeting the Faculty Member of the Month.

In the interests of copy generation, and in an attempt to learn the BOD's motivation in this action, Dr. Elliot recently found himself at the mercy of a Tech interviewer. It was, of course, always possible that something helpful would come of

an interview. And so the debacle began.

Tech: Are you aware that ASCIT has chosen you Faculty Member of the Month?

Dr. E: Yes--What the hell was that for?

Tech: mumblegrumble . . .

[At this point the interviewer realized he didn't know, and sent Dr. Elliot to get his mail while he called a fellow advisee, Tech

editor, and not coincidentally ASCIT Secretary. The interview continued]

Tech Prime: garblebarble inventjumbletactblark . . .

Dr. E: A good idea-it's a splendid thing to keep the reasons dark.

[Altogether, Dr. Elliot seemed fairly pleased by the way things

were proceeding.] **Continued on Page Four**

Farewell To Thee Katie

News Briefs

Now You Can Smash It Up!

The ASCIT **Bus Exists**

The ASCIT Bus is alive and well and living in Pasadena. It holds 12 people; the driver must have a Class 2 license and be an ASCIT member. To find out how to borrow it, talk to Dick Beatty (Ruddock) or Flora (Flora's Office).

Two Marilyn Monroe Biggies

Remember the final scheduled show of the Free Clinic Benefit film series: tomorrow evening Cinematech will present two more Marilyn Monroe films. The Asphalt Jungle introduced Marilyn to a loving public; Seven

Year Itch, includes the famous. skirt-lifting scene. The show starts at 8:00 p.m. in Baxter Lecture Hall, donation \$1.50. Special attraction for all you Bogart fans: Casablanca will be screened on Sunday at 7:30 p.m. in the Lecture Hall; donation 50 cents cheap.

Digitally Stimulated Organ

Prentiss Knowlton will present "Untouched by Human Hands," computer-performed organ а concert, tonight (April 26) at 8:00 p.m. at All Saints' Church, 132 N. Euclid Avenue. The church's massive Schlicker organ will be digitally programmed

with works of Bach, Mozart, Joplin, Ussachevsky, and others. The ASCIT bus leaves 110 Ruddock at 7:40.

Two workshops are scheduled for tomorrow: at 1:00 p.m. for computer trolls and at 3:00 p.m. for organists.

See a

Square

There may be a square dance class starting soon. It is tentatively scheduled for Mondays from noon to one; location will depend on how many people sign up. If you're interested, call Judy Evans, x1833.

Continued on Page Eight



KISS ME KATE played to two SRO houses in Ramo Auditorium last Friday and Saturday nights. Review on page 8. Photo by T. Sheehan

Page Two

Editorial

Let Us Elaborate

Our editorial of last week concerning the increase of house dues has not been answered.

We stated that we wanted to know what the financial situation of each house is. We stated that we wanted to know why a fifty percent increase was justifiable. We stated that we wanted to know why the members of the student houses didn't get this information before any action was taken.

What we got was a letter from two house presidents that states that each of the houses was polled by its president. We *know* that already.

Mr. President (a generic term), suppose we make it a little clearer to you. We object to the heavy-handed manner in which you made your decision. We object to the fact that you presumed to ask the opinion of people who had no idea *whatsoever* of the true financial situations of the other house. We object to the fact that you didn't care enough to distribute *quantitive* explanations of your action.

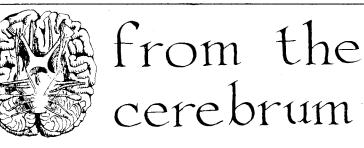
Mr. President, when you come to us and ask us whether we would prefer to have house dues raised to fifteen dollars a term or wind up with financial problems next year you've already loaded the question. What the hell do you *expect* the answer to be?

Mr. President, you were elected to represent us, yet you take it upon *yourself* to make decisions without any *real* feedback at all. Your attitude is not that of a representative, but rather that of a dictator of policies.

More to the point, didn't anyone do some kind of analysis of the financial situation of the houses? If not, why not; how does anyone actually *know* that the increase was needed? If so, why didn't people see it: do you presume yourselves to be the only competent undergrads on campus?

In case you don't realize it, Mr. President, you're damned either way.

–Dennis L. Mallonee R. Gruner SMC Sweeney



by Gavin Claypool

Applications for faculty committee positions close today, which means the IHC should begin the long interviewing procedure shortly. It is my contention that the IHC needs to revamp their procedures, or get out of the business.

Generally, the interviewing subcommittees consist of the house presidents, IHC chairman and secretary, house vice presidents, and one or two others. The house presidents and vice presidents are a reasonable choice, since they will undoubtedly know most of the members of their house, and probably a goodly number of other houses. Hopefully, the IHC chairman and secretary will be as similarly qualified.

However, I see no reason why the subcommittees should be limited to these few, and several reasons why not. A change in the structure to include some of the student members of the appropriate faculty committee is imperative. It seems ridiculous not to include someone who has actually served on the faculty committee and knows what the position is all about. I feel that they are certainly more qualified to conduct an interview than someone who has never served in

that capacity.

An example: I was interviewed for the curriculum committee last year. Unfortunately, my interviewers apparently did not know the distinction between the duties of that committee and the academic policies committee. My opinions were asked concerning questions totally irrelevant to the curriculum committee (like about A-B-C-No credit, and Pass/Fail grading). This type of interviewing must not be allowed to continue.

Friday, April 26, 1974

One would think that the large time-sink these interviews take would prompt the IHC into involving more people. There are 18 committees, and generally I to 5 interviewers. Each person averages three subcommittees, and sometimes gets on four or five. Since the IHC tends to be brand-new each year, however, there may be no personal interest in the matter once it's over with.

Involving more people should speed up the selection process, since more interviews could be conducting simultaneously. Besides keeping people in suspense for a shorter period, it would (just possibly) get the names to the ASCIT Board of Directors for final approval before everyone leaves for the summer.

Frosh Pick Their Poison; Engineering Beats Out

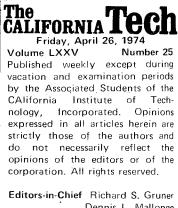
by Alan Silverstein

There was a surprising upset in this year's *n*th Annual Frosh Pigeonholing Tourney as Engineering overwhelmed Physics, Biology, Chemistry, and Math 42-33-24-23-23, respectively. As of this Tuesday, 194 of the 204 Frosh surviving from the 217 starters had turned in their option choices, with two abstentions (not returning next term) and eight delinquents (you know who you are). Eng&AppSci improved 10 over last year's score; the only other major league gainers were Ph and Ch, with slight increases. Astronomy, in its fourth year of exponential growth, brought in 16, a good four more than its traditional dozen. APh and AMa held the line with 12 and 5, in that order; ChE and Ge suffered sharp blows with 6 and 2 each over last year's 9 and 7, but these are more a return to normal than a serious decline. Meanwhile, GePh interested three, a 300% better showing than in the last two years, but GeCh probably scared 'em off with its name, receiving no votes this year (nor the last).

by Phil Frank

Among the dark horses of Humanities, History was one better the in the last lap, with two, while Economics and English showed a typical one apiece. Social Sciences was hardly in the running again; it appears that no one has *ever* opted for it as a frosh.

Not to be forgotten here is the one courageous soul who signed up for and presumably was allowed to major in the Independent Studies Program.



Editors-in-Chief Richard S. Gruner
Dennis L. Mallonee
SMC Sweeney
Associates Peter W. Beckman
Eric H. Eichorn
Entertainment Editor Marc Donner
Features Editor Greg Simay
Sports Editor Bob Kieckhefer

Staff David Callaway, Flora Constanten, Tim Groat, Mama Gronkel, Chris Harcourt, Karl Kuhlmann, Phil Massey, Jim Mullaney, Dan Muzyka, Mary Beth Ogilvie, Dick O'Malley, Pater Wathe Etable Cohered

THE CALTECH FORUM

Presidents' Reply

As Presidents of Houses whose treasuries are adequate, we take issue to the editorial of last week concerning the raising of House dues. The vote in favor of increasing House dues was 5-2-0; we voted against it.

The vote itself was postponed so that public opinion could be gathered. Our House members were, and are, fully aware of the financial situation of our Houses; we would assume that the other House Presidents polled their

Houses with respect to the financial situation of their respective Houses, and from this arrived at a decision whether or not to support the proposition. If this is an incorrect assumption, then we would suggest that the editors communicate with their respective House Presidents.

-Russell Desiderio; Fleming John S. Best; Ruddock

Tech is inaccurate

we would assume that the other I have been maligned, mis-House Presidents polled their quoted, and generally miserably treated on page 1 of your issue number 24 of *The California Tech*, Friday, April 19, 1974. I have never said, "There's nothing as useless as physics except for chemistry." What I do say is (when I'm talking about biology) "that's just chemistry, and therefore it's uninteresting," and alternatively when the worth of cartieved on Page Seven

Continued on Page Seven

FRANKLY SPEAKING



Green Berets

THE ASCIT FRIDAY NIGHT MOVIE

at 7:30 and 9:30 p.m. in Baxter Lecture Hall

Admission: 50¢—ASCIT members and their guests; \$1.00—anyone else

Next Week:

only Loveman knows for sure

Alan Silverstein, Nick Smith, I.M. Wett.

Photographers Ray Feeney, R. Feldman, Gerald Laib, Dave Peisner, C. N. Pow, Terry Sheehan.

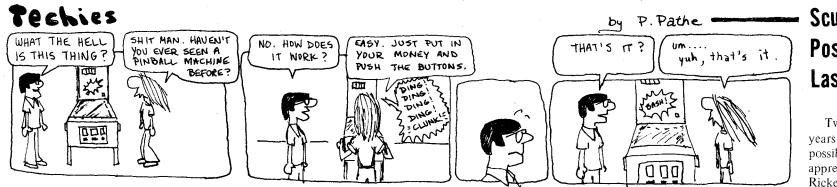
Business Manager . Gavin Claypool AssociateDave Peisner Circulation Manager ... Rob Olshan

The California Tech Publication Offices: 107 & 115 Winnett Center (105–51), California Institute of TEchnology, 1201 East California Boulevard, Pasadena, CA 91109. Telephone: (213) 795–6811, x2154. Printed by News-Type Service, 1506 Gardena Avenue, Glendale, CA. Represented for national advertising purposes by National Educational Advertising Services, Inc. Second class postage paid at Pasadena, California.

S	u	b	s	a	ij	ot	ic	DI	ns	5					.\$1	.50	per	te	erm
•		÷	•	•	•		•		•	,	•	•	•	•	. \$4	.00	per	У	/ear

© COLLEGE MEDIA SERVICES-BOX 9411-BERKELEY, CA. 94709

Friday, April 26, 1974



Quotations of the Special Assistant

by David Callaway "I convey the warm personal greetings of the President," said

McLaughlin

Continued from Page One puses. Given the opposing tracks of rhetoric on which he and his audiences run, this is not at all surprising.

MUSIC

and COMEDY

Dr. John McLaughlin, Deputy Special Assistant to President Nixon, Jesuit priest, and holder of degrees from various prestigious institutions to begin his presentation in Winnett Center.

"The United States is facing adversity today at the time of its bicentennial, but it faced adversity at the time of its centennial,

PASADENA

24 N. Mentor

Reservations Phone

at the ICE HOUSE

Mag Wheel & The Lug Nuts ^{681–9942}

Now Thru Sunday

Monday: Toshiko & Lew Tabackin's

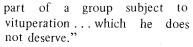
16 Piece Jazz Orchestra

April 30 --- May 5: Randy Boone

too...brother turned against brother... impeachment faced Andrew Johnson . . . "

"Washington was dubbed by his subjects as a Caesar . . . Jefferson was called a coward, mulatto, Mad Tom, philosopher. Andrew Jackson was called the wild man of the frontier. Lincoln was called a baboon...Grover Cleveland was accused of fathering an illegitimate child. Franklin D. Roosevelt was called the megalomaniac in the White House. David Lawrence called flatly for Truman's impeachment.'

"My proposition to you this evening is that President NIxon is



"My mail surprises me. Of forty or so letters I receive every day, thirty-five are in support of the President. Although the President was favored in only 31% in the polls, Truman was favored in 22%, and our Congress in about 21 to 22%. If we call upon Richard Nixon to resign, we should call upon Congress to resign first, if we judge upon the basis of the poll."

"There is real annoyance at Watergate and the aftermath, but it has been bloated by the unsympathetic media . . .

"In the New York Times several weeks ago, there was a three column headline accusing Nixon, and a refutation on an inside buried page ... I call that corrupt journalism."

"A tax isn't a voluntary contribution but enforced exaction . . . the President did not have to pay the taxes as the statute of limitations had run out . . . if it were myself I would have fought it to the Supreme Court."

'Richard Nixon is being treated unjustly ... he doesn't even

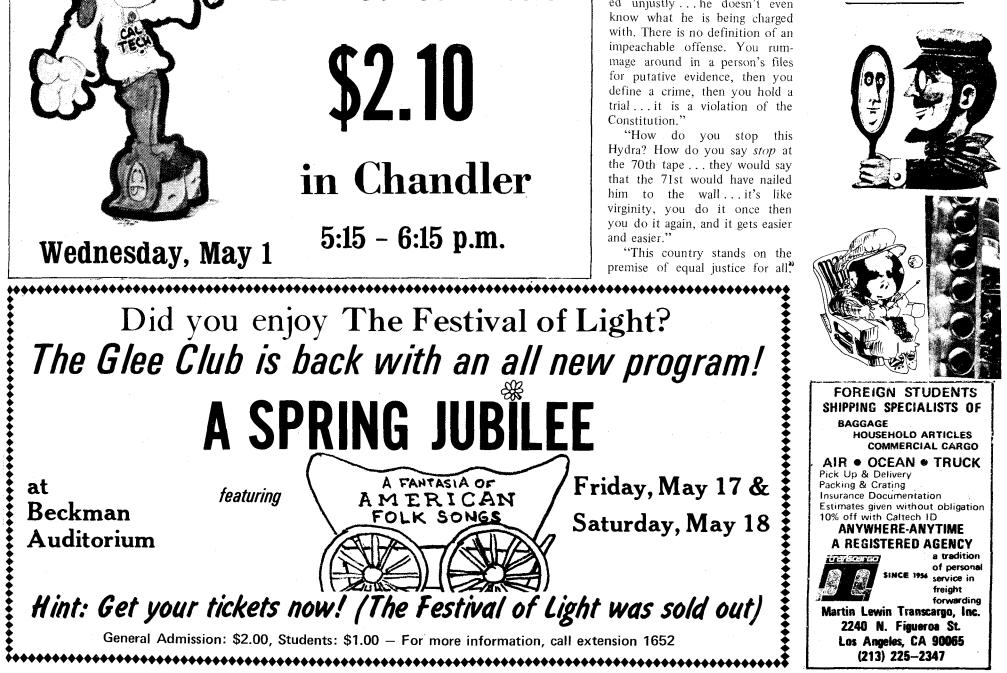
Scurves Catch Possible Thief Last Wednesday

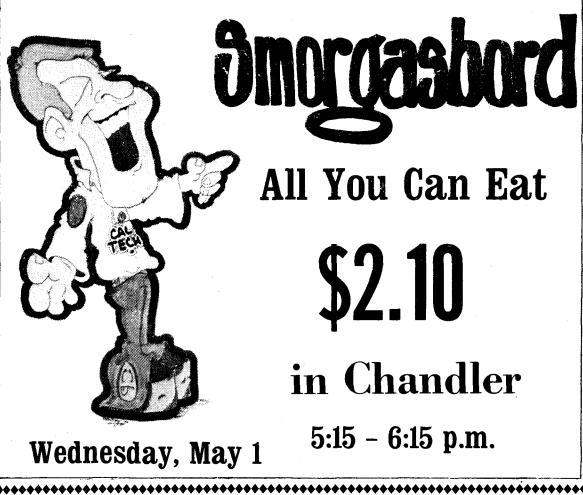
by Alan Silverstein

Two youths about sixteen years old have been identified as possible campus thieves. One was apprehended Wednesday night in Ricketts and later released by campus security after questioning. Members of the house reported that one black and one white were seen leaving an upstairs alley and were followed to the Athenaeum lawn, where the black disappeared. The other youth was stopped by several Scurves while removing a bicycle from a rack, and pinned to the ground after giving some resistance. He was turned over to campus security for trespassing.

Lee Chapman, Director of Security, told The Tech the next day that the youth could not properly identify the bicycle he was taking as his own. He was released after identifying himself and his friend and receiving his "first and last warning about trespassing." Chapman said that the details of the case were passed on to Pasadena police, who are checking to see if the bike has been reported stolen. If so, either or both of the suspects may be rearrested for theft and prosecuted.

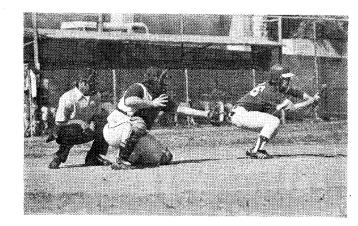
Several Techers have said that the youths have been seen around campus over the last few days, and there have been a number of thefts recently, including motorcycles and toolchests. So far nothing has been established except that the youths were trespassing.



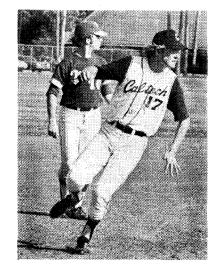


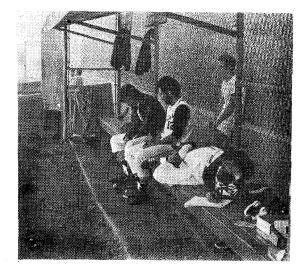
Take Me Out To The Ball Game...





Photos by C. N. Pow





Techer Helping Space Venture

Former Caltech student Ray F. Larson has been appointed vice president and command and service module spacecraft program manager at Rockwell International Corporation's Space Division.

A graduate of the U.S. Naval Academy at Annapolis, Larson did post-graduate work in engineering at Caltech in 1946 and 1947. He resides with his family in Fullerton.

In his present post he will be responsible primarily for division work on the spacecraft for the Apollo/Soyuz Test Project history's first international space mission. Scheduled for mid— 1975, the flight calls for a United States' Apollo spacecraft docking in Earth orbit with a Soviet Union Soyuz. The two spacecraft will remain docked for as long as two days, with the crews exchanging visits and possibly performing joint scientific experiments.

Larson came to Space Division in 1954 and worked in a number of engineering assignments on missle programs and study projects until joining the division Apollo team in 1962. He subsequently was named Apollo Assistant program manager, a position in which he was responsible for the management of division work on the spacecraft for the Apollo 9 earth orbital flight, and for the Apollo 12, 13, 14, and 15 lunar missions. He held that post until being named vice president of Assurance Management in January, 1970.

In October, 1969, Larson was presented a Naitonal Aeronautics and Space Administration Certificate of Appreciation for "his outstanding contributions to the Apollo program, culminating in the world's first lunar landing."

D.C. Elliot

Continued from Page One

Tech: With what projects are you currently concerned?

Dr. E: Two, one is the "California Arms Control Seminar"...

Tech: California is armed???? Dr. E: No, "California 'Arms Control' Seminar." [Dr. Elliot's concern being British Arms Control and Foreign Policy.] The other project is the politics of London during the restoration of Charles II—It's a fun thing. Tech Prime: You will soon have been here for twenty-five

<u>It's Your Own Fault</u> Seniors Are Symptomatic

by Tim Groat

The rapidly increasing number of petitions by seniors lacking some minor graduation requirements indicates that many problems exist with the current structure of option requirements. According to Dr. Floyd Humphrey, the requirements are so vaguely expressed that it is often impossible to know exactly what courses one should be taking. Inequities in the present system focus on specific individuals, such as those who have changed

years, right?

Dr. E: Yes, on July 1. Tech & Tech Prime: Ohwow.

Tech Prime: How has Caltech changed since your arrival?

Dr. E: Caltech has grown... in its organization...Things have gotten more formalized. If you will, more beauracratised. There's more red tape...I think that's the major change....And yet it's still small compared with other schools. options, and force them to take an unreasonably heavy load of courses.

Changes are occuring in this structure. The Curriculum Committee is pressuring the divisions to clarify just what their requirements and suggested subjects are ("You would have to be a Constitutional Lawyer to understand that catalogue.").

Changes in the actual requirements, however, are likely to come along slowly. A suggested Institute-wide standard of 516 units has the problem that students will tend to take the bare minimum which is not in keeping with the Institute's policy of excellence at any expense. Those divisions which require more than 516 units don't want to have their program watered down, either.

Currently, the revision of the graduation requirements is in the hands of the Academic Policies Committee. The final results will not be felt for a long time to come.

UNIVERSAL (110-220 VOLT) APPLIANCES MAJOR AND SMALL ELECTRONIC — ELECTRIC WESTINGHOUSE G.E. MARANTZ PIONEER MAYTAG CALORIC SONY DUAL AND MANY MORE! DUAL VOLTAGE PHOTOGRAPHIC EQUIP. ACCESSORIES. TRANSFORMERS CALCULATORS

Tech: Have you any sage words for the next Faculty Member of the Month?

Dr. E: Don't enquire too deeply into the reasons for it.





Friday, April 26, 1974

THE CALIFORNIA TECH

Page Five

Friday, April 26, 1974		THE CALIFORNIA TECH	· · · · · · · · · · · · · · · · · · ·	Page Five
SAL	ES & S	ERVICE	DIRECT	IORY
ANSWERING SERVICE	ARTIST – DRAFTING	DENTAL LAB TRAINING	NURSERY – PET FOOD	TRAVEL
LIN'S ANSWERING SERVICE * 24 Hour Service * Equipped L-cross connect * Emergency help for stalled elevators * Radio paging (Beepers) * Vacation Service * Wake up Service * Tow Service 681-9229 796-0151 We have the sweetest girls in town	Fine Arts-Oil Paint-Water Colors-Clay- Brushes-Acrylics-Pencils-Fine Papers- Ink-Gouache-Poster Board-Presentation Albums-Easels-Flip Charts-Pens-Matte Board- <i>isdust Cathing</i> -Sprays-Graphing Materials-Charting-lapes-Overhead Projection-Markers-Tables-Drafting Machines-Lamps-Slide Rules PDS graphics.inc. 1292 E. Colorado Blvd 793-4173	Private School for the training of Dental Laboratory Technicians Co-Ed Day & Evening classes approved for veterans call 714–532–4241 Dental Technology Institute 969 N. Tustin – Orange County	GOODES SEED & FEED STORE HAS ALL YOU WILL EVER NEED FOR YOUR GARDEN INSIDE OUTSIDE Live Plants Landscaping Fertilizers B.B.O.s Bird Seed Flagstone Patios Pet Supplies Gdn. lighting Horse, Chicken. & Duck-Feed 1272 N. LAKE AVE. 797-1611	Over 40 years experience H.B. BENNETT TRAVEL AGENCY * Airline tickets * Steamship * Tours & Cruises Information & Reservations Campus Ext. 2226 795-0291 690 E. Green St. Pasadena
ARCHERY	AUTO SUPPLIES ALLIED AUTO SUPPLY	ELECTRONIC PARTS	OPTICIANS	TRUCK RENTALS
ARCHERY HEADQUARTERS OF SAN GABRIEL VALLEY * Indoor shooting Lanes * Instruction by certificated Teachers * Complete line of equipment * Sales - Rentals - Accessories We invite you to join one of our leagues. 4591 North Peck El Monte 448–4165	ALLIED AUTO SUPPLT Parts & Accessories at lowest discount prices Complete Service Department Open Daily 9 AM - 9 PM Sunday 9 AM - 3 PM 1060 E. Colorado Blvd Pasadena (3 Blocks East of Lake) 793-1893 681-6822	Dow Radio Your Electronic Shopping Center. Electronic parts. Hi-Fi. Auto stereo - C.B. Equipment featuring Jensen Sound Producers Watch for our big complete stereo & components dept. opening soon. 1759–67 E. Colorado 793- 1195	HEIMANN LIFEES 36 NORTH MADISON AVENUE. PASADENA. CA. 91101 213-796-9177 960 EAST GREEN STREET. PASADENA. CA. 91106 213-449-33%0 200 NEWPORT CENTER D.R., NEWPORT CA. 92660 714-640-8475	THE TRUCK YOU NEED WHEN YOU NEED IT call for FREE copy of HERTZ GUIDE TO DO-IT YOURSELF MOVING call central Reservation 628–1255 main office 2300 E. Olympic
ART GALLERIES	AUTO WRECKING	FLOWERS	PHARMACY	TYPEWRITERS
POULSEN DG GALLERIES Original Oil Paintings Oriental Art • Antiques Oriainal Signed LITHOGRAPHS REPRODUCTIONS SERIGRAPHS REPRODUCTIONS ETCHINGS CUSTOM FRAMING 910 SAN PASQUAL ST. PASADENA, CALIF. 792-7410	MONROE AUTO WRECKERS TOP CASH for foreign and domestic cars STUDENT DISCOUNTS on parts 1090 Lincoln Ave, Pasadena 795 1444 • 149 3329	ROMAS FLOWERS	BROWN & WELIN PRESCRIPTION PHARMACISTS FAST DELIVERY PARKING FIRST DRIVEWAY. ADJOINING PHARMACY ON LAKE AVE. 64 S Lake	 Typewriters * Elec. Calculators * Adding Machines * Stationary * Duplicating Mach. SALES.SERVICE.RENTALS we specialize in portables J.A.
ALFA ROMEO	BABY FURNITURE	FOOD TO GO	RESTAURANT	VACUUMS
SALES SERVICE LEASING PETER SATORI CO., LTD: 325 West Colorado Blvd. Pasadena, California Los Angeles longest established import car dealer Telephone: 795–8835	Baby Furniture Ouality merchandise at discount prices Everything for your baby Layaways – Experience personnel Free Delivery – Friendly Service 1726 E. Colorado, Pasadena 684–0457 Open Mon. and Fri. nights til.9 p.m.	Campus headquarters for 24 hour eating pleasure JACK IN THE BOX Visit your nearest location Take life a little easier!	LOOSE GABOOSE A Restaurant that's truly different. Cocktails, dinner, lunch, salad bar, entertainment. Dine in Early American railroad cars. . Open every day 317 S. Arroyo Parkway – Pasadena Telephone 780–9145	Pasadena Vacuum and Sewing Center Sales and Service Most brands sewing mach, & vacuums. Courtesy discount-Students & faculty on purchases of new vacuums & sewing machines with Student Body Card. Pasadena 795–3231 - 80 E. Colorado Arcadia 446–2141 - 1216 S. Baldwin Ave.
FIAT	BICYCLES	JEWELRY – WATCHES	RIDING STABLES	WALL SYSTEMS – GIFT
SALES SERVICE LEASING PETER SATORI CO., LTD: 325 West Colorado Blvd. Pasadena, California Los Angeles longest established import car dealer Telephone: 795–8835	WORLD'S LARGEST? No, just seems like it!" 350 on display – over 1000 in stock Free assembly – Life guarantee Pasadena's only authorized Dealer for Raleigh - Motobecane - Italvega - Starfire 1726 E, Colorado, Pasadena 793–1141	Fine Jewelry • Gems • Watches Expert Jewelry Design and Repair Watch Repair by Master Craftmen B. D. Howes & Son Fine Jewelers For Three Generations 336 South Lake Avenue Pasadena 796–2653	Arroyo Seco Stables Specializing in riding instruction. Horses rented for trails & boarded Riding equipment Arroyo Seco Park 255–4333 256–9888	 Modular Wall Systems for every room in the house Executive array of tasteful gifts & decorator lamps Contemporary furniture designed to blend with any decorating scheme. INTERIOR SYSTEMS 500 South Lake Avenue Tel: 796-2564
FORD	CAMERAS	MARKET & CATERING	SAVINGS & LOAN	WATERBEDS
Robert H. Loud• SALES• PARTS• SALES• PARTS• LEASING• USED CARS• Isss fast colorado buvd. Pasadena cater correted from Pasadena cuty collige793-3154681-7614	LEE-MAC Camera Exchange Inc. Everything Photographic WE buy-sell-trade-rent •Sony tape recorders •Color finishing specialists special discounts to CALTECH Students & Faculty 39 S. Los Robles, Pasadena 792-4343 681-8961	CALTECH We Love You * Complete Super Market * Catering Service * Near Eastern Specialtics (including shish kabdo, grape laves, etc.) * Call us at 795–7741 * 4 blocks from CALTECH at 1720 E. Colorado GERTMENIANS	GLENDALE FEDERAL Try Us 722 E. Colorado Boulevard 795–9531 (Corner of Colorado and Oak Knoll)	WATERBEDS, INC. UNTERNATIONAL SHEETS · HEATERS · CUSTOM FRAMES Credit terms available OPEN MON. – FRI, TILL 9:00 P.M. SATURDAY 10:00 A.M. – 8 P.M. IN PASADENA – 796–6171 Corner of COLORADO & MENTOR
MAZDA	CAMPING - SKIN DIVING	MEN'S CLOTHING	SHOES	WEIGHT CONTROL
New and used cars Sales and Service MAZDA the car that gives super performance with super economy. PASADENA MAZDA 1285 East Colorado Blvd. 793-7143 Open 7 days a week	Alta Sport KELLY BACK PACKS Down sleeping bags Dried foods arcessories COCONNON-AP() Skin Diving Classes start March 3rd Full line of Equipment 9034 Huntigton Dr., San Gabriel 287 0737	HACKETTS Men's clothing and shoes High Quality, Low Prices In Pasadena 62 S. Lake Ave. 915 E. California Blvd.	B11 Fair Oaks Ave. South Pasadena	Baarbra Elleck A NEW BEGINNING A NEW BEGINNING REGISTERED PHYSICAL THERAPIST REGISTERED ELECTROLOGIST Facial Contouring – Individual Evelashes Food Supplement – Wigs Beauty Products – Fitted Custom Bras CALL 449–1231 Jobs East Green St. – Pasadena
V.W. – BMW	CAR RENTAL	MEN'S HAIR STYLIST	TENNIS	
TRANS-OCEAN MOTORSNight or Day Service24 Hour drop-offAfter hours park & lock your car.Fill out early bird form stating service needed, drop in box w.keys.Opin Monday & Thursday till 8:00FREE TAXI or BUS home when you leave car during regular hours.130 N. Sierra Madre Boulevard 795-9581	Has no gas problems Rent a Vega Capris V.W. Pinto For as little as \$6.00 a day & Mileage 424 E. Green St. Pasadena 449-0221	Mr. D.C. Men's Stylist 5 barbers to serve you Hair Coloring Straightening, manieure Cut & Style only \$8.50 plus shampoo if required 8:30 5:30 Daily Sat, til 4 p.m. Appointment only: 449–8110 49 S. Marengo (between Colorado & Green)	The complete tennis shop Where the "service" is always IN! 516 S. Lake Ave. 7953456 MonSat. 10:00 – 6:00	If you need help call 795–8088 we need your help too– Donations desperately needed FOOTHILL FREE CLINIC 30 N. Raymond, Pasadena

The CALIFORNIA Tech SPORTS



Page Six

It's Been 20 Years

Friday, April 26, 1974

<u>All Over The Floor</u> Page Beats In Basketball

by Bob Kieckhefer

For the *n*th consecutive year, Page House has won Interhouse Basketball, giving the Dudes a 16¹/₂-point lead in the year's Interhouse Trophy standings. Page completely dominated previously undefeated Fleming in Wednesday's showdown for the title, with the score standing at 53-30 at the final buzzer.

Second-place Fleming looked good in the rest of its games, with the only close call being a

and took second in the mile.

Greg Hoit took second behind

Krupnik of Redlands in the 440

intermediate hurdles, but filled

out our winning relay teams.

Dale Bredeson and Duane Boman

took second and third in both

long jump and triple jump.

Bredesen also ran both relays and

Boman took second to Grant of

LaVerne in the high hurdles.

(LaVerne also showed up to the

A Five-Man Relay?

meet to get beated, 111-27.)

32-28 win over an inspired Dabney team. If Fleming had not scored eight points while Dabney's Gary Frankel was being patched up on the sidelines, things might have been different. (But then, if Frankel hadn't bled all over the gym floor, Dabney might not have been so inspired.)

Dabney finished third again this year, after surviving a couple of hair-raising games (a 37-36 win over Ruddock and a 35-32 victory over Blacker). Blacker finished fourth in basketball to retain fourth place in the year's Interhouse Trophy standings.

Ruddock, Ricketts, and Lloyd took the bottom three spots in basketball. But even UCLA has a bad year now and then.

Interhouse competition continues with Interhouse Swimming next on the agenda. Swimmers can work out from now until May 7, with five practices being required of all competitors in the 100-yard freestyle and the 100 individual medley. The swimming meet will be held on Wednesday, Thursday, and Friday, May 8, 9, and 10.

Interhouse	Basketball	Results
------------	------------	---------

Page	6-0
Fleming	.5-1
Dabney	4-2
Blacker	
Ruddock	
Ricketts	
Lloyd	

Interhouse Trophy Standings				
Page	253.5			
Fleming	237			
Ruddock	151			
Blacker	143.5			
Dabney	140			
Lloyd	111.5			
Ricketts	83.5			

Alien Space In **Page Saturday**

The Caltech Gaming Club will meet this Saturday (April 27) at 7:30. The game will be "Alien Space" with experimental firing rules, and will take place in the Page library.

The The CALIFORNIA Tech

is our friend!



Now Showing:

Records Fall, Redlands Crushed by Creswell ran 15:16 to win the three-mile

Al Kleinsasser and Doug Herbert set school records in the mile and discus and Haywood Robinson tied the 100-vard dash record as the Caltech track team stomped Redlands on Tuesday for the first time in 20 years, 87-57.

Kleinsasser, running 4:10.8 (compared to his previous 4:12.5 record), also ran his usual good half-mile to take a 1:58.7 victory and anchored a winning mile relay team. Herbert's gargantuan

heave of $151-\frac{1}{4}$ in the discus broke a previous record of 146-7½, thrown in 1963 by George Radco. Herbert also had a winning $44-1\frac{1}{2}$ throw in the shot.

The Fast Get Faster

Robinson, whose winning 220 time 21.7 was only 0.2 off his own school record, tied the 100-yard mark set by Murray Schultz in 1927 by placing to first in the 100 in 9.7. He also ran in both winning relays.

In other events, Greg Griffin

Anita Bryant Sports Menu

		Friday, April 26	
All Day	Tennis	Ojai Tournament	Away
<i>w</i>		Saturday, April 27	
All Day	Tennis	Ojai Tournament 🗋	Away
12:00 noon	Baseball (dbl.)	Pacific Christian	Away
1:30 p.m.	Varsity Tennis	Whittier	Away
1:30 p.m.	JV Tennis	Whittier	Home
1:30 p.m.	Track	Whittier	Home
		Tuesday, April 30	
12:30 p.m.	Golf	Whittier	Home
3:00 p.m.	Baseball	La Verne	Home
		Wednesday, May 1	
1:00 p.m.	Golf	La Verne	Away
		Friday, May 3	
8:00 a.m.	Golf	So. Calif. Intercolleg	giate Tournament
			at Torrey Pines
1:00 p.m.	Tennis	SCIAC Prelims	at Claremont-Mudd
3:00 p.m.	Track	SCIAC Prelims	at La Verne
		Saturday, May 4	
10:00 a.m.	Tennis	SCIAC Finals	at Claremont-Mudd
	Baseball (dbl.)	La Verne	Away
1:30 p.m.	Track	SCIAC Finals	at La Verne

Continued from Page One Interhouse

Bridge Tournament

There will be an interhouse bridge tournament held on May 11 and May 18. Four-man teams. Experience and registration nec-



The track team takes on Whittier at home this Saturday to decide third place in the conference.

high jump.

DON'T (

essary. Contact Henry David (Bl) or Pat Hagan (Da).

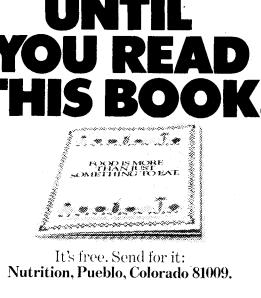
Build

A House

Tryouts for the Caltech GO Team are in progress. For information contact Don McAlister, 313 Noyes (x2577) or 351 Crellin (x2030).

Eat Your Liver, Texas

The National Educational Advertising service, advertising representatives of a large number of college publications (including The Tech) currently claims to represent five student newspapers in the state of Canada. (NEAS National College Newspaper Directory). Do they know something we don't?



A Public Service of This Newspaper & The Advertising Council U.S. Departments of Agriculture and Health, Education, & Welfare Grocery Manufacturers of Agriculture



Also playing:

''Hot Summer Night''

A completely new show every Tuesday

Caltech students - \$1.50 off regular admission with this ad

2226 E. Colorado Blvd. Pasadena

No One Under 18 Admitted

Friday, April 26, 1974

summer the Caltech participants were John Abbott, David

Dummit, Wolfgang Franzen, Greg

Gibbons, Ross Miller, Carl Muel-

ler, Steve Pohorsky and Jim

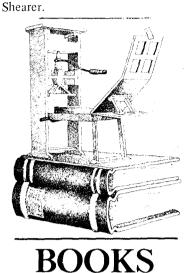
Summer Grants for Math

The Mathematics Department has announced that a few grants will be available to undergraduates to support research in mathematics during the next summer. Stipends will be at the rate of \$80 per week for a ation of the undergraduate maximum of ten weeks. Inter- research program sponsored by written request to Professor R. over the last four summers. Last

Dean before May 3. More details are available from him (x1357)or from Mathematics Secretary, Virgene Bellin (253 Sloan, x1335).

These grants mark a continuested students should submit a the Mathematics Department

two of the YEAR'S FUNNIEST FILMS. PG - 2ND RIOT -WOODY ALLEN'S "BANANAS" AEMMIE THEATRE APRIL 27-28 "OTHELLO" LAURENCE OUVIE MAGGIE SMITH



Breakfast in the Ruins (New English Library, \$1.50) by Michael Moorcock, is not exactly science fiction, but there is nowhere else to classify it. It is sort of a sequel to his awardwinning Behold the Man, in that it involves the main character from the latter. The fact that a sequel seemed physically impossible is beside the point.

Breakfast in the Ruins takes place in times and places from 1871 to 1990, in Paris, Calcutta, Havan, Kiev, Berlin, Shanghai, London, and other places. Karl Glogauer is at all of them; as a six year old boy in Paris, 1871, as an eighteen year old prisoner

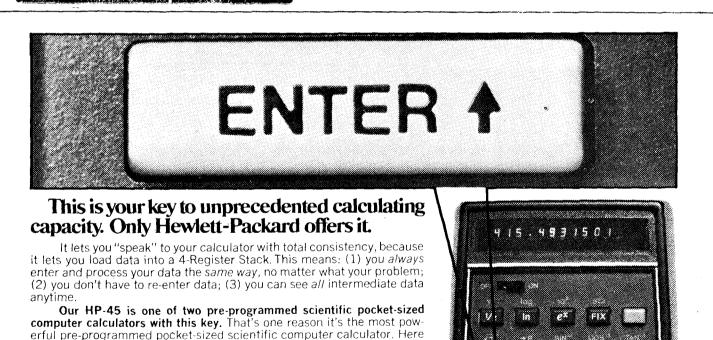


Three Musketeers has The always been one of the books called "classic" by literature instructors, and known by name to ten times as many people as who actually read it. The book dealt with political and social intrigue during the time of Cardinal Richelieu and of the Huguenots in France. Most of the book dealt with the exploits of members of the King's Musketeers, an elite unit of the French army, and also very much out of favor with Richelieu. Alexandre Dumas wrote a book capable of being both moving and humorous when appropriate. Unfortunately, poor translations and cheap film and television versions have left most with the idea that "The Three Musketeers" means either Errol Flynn or a candy bar.

The new filmed version of The Three Musketeers puts together a cast of proven talent, a screenplay writer known for his ability to make heroes into men, and a director best known for making insane comedies. The result is an excellent film, one which is drawing people to see it many times over (one friend of mine has seen it fourteen times so far).

B'ouga B'ouga

Michael York plays the part of D'Artagnan, the Gascon farm



bearing his father's sword, off to join the musketeers. D'Artagnan is the prototype for all such heroes, brave and strong, but naive. Richard Chamberlain is Aramis, a skilled musketeer and ladies' man beyond compare. Charlton Heston is Richelieu, the man who controlled France and its king. Raquel Welch is Constance, one of the Oueen's ladies. These and the rest of the cast turn in a superb job of acting in roles that include both the drama and comedy of life. Richard Lester is the director

lad who sets out from home

who put this film together. His previous claim to fame comes from having directed the Beatle films which, whether one enjoys the Beatles or not, were good comedies. The screenplay was written by George Macdonald Faser, author of the Flashman novels. (For those of you who have seen neither the books nor the Playboy serializations, Flashman is a British author whose fictional biographics take place in the Victorian empire, and whose exploits were more a result of cowardice than heroism.) Between them, they combined a story of drama and intrigue with the humor that arises from real people trying to behave in a heroic fashion. For example, what do you think would really happen if you tried to swing across a road on a rope (a la Errol Flynn) to attack someone? Or if you tried to jump out of a tree at a moving horseman? At least occasionally, you'd blow it.

The basic plot of the film revolves around the efforts of D'Artagnan and friends to prevent Richelieu from proving to the king that the queeen is having an affair with the Duke of Buckingham, Prime Minister of England. Since England and France were not on the best of terms at that time, such indiscretion might be considered not just infidelity, but treason, a rather unforgiveable offense for a queen. There are chases and fights enough to satisfy the swashbuckler fan, well done comedy, skilled drama, and even a little bit of sex thrown in (tastefully, of course; PG rating and all that). The visual nature of the film is excellent, the costumes fantastically done. An overall attention to detail helps make this one of the better films of the last few years. Overall, I strongly recommend it. Nick Smith

are three of many others

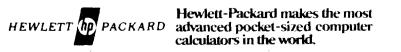
1. It's pre-programmed to handle 44 arithmetic, trigonometric and logarithmic functions and data manipulation operations beyond the basic four $(+, -, \times, +)$.

2. It lets you store nine constants in its nine Addressable Memory Registers, and it gives you a "Last X" Register for error correction or multiple operations on the same number.

3. It displays up to 10 significant digits in either fixed-decimal or scientific notation and automatically positions the decimal point throughout its 200-decade range

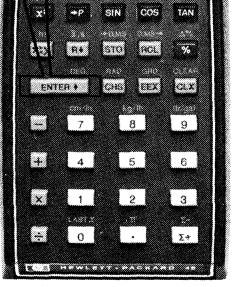
Our HP-35 is the other. It handles 22 functions, has one Addressable Memory Register and also displays up to 10 digits in either fixed-decimal or scientific notation. It's the second most powerful pre-programmed pocket-sized scientific computer calculator.

Both of these exceptional instruments are on display now. If you're looking for unprecedented calculating capacity for your money, by all means see and test them.



Caltech Bookstore

1201 East California Blvd. Pasadena, CA 91109 (213) 795-6811 X2161



F14:09

Bonner

Continued from Page Two

chemistry comes in doubt, I say "a little chemistry can do no harm." I never mention physics. The only thing I do about physics is to quote Willy Fowler, who used to say to me in the early days, "Biology? How are you ever going to make a science out of that?"

> –James Bonner Professor of Biology

Page Eight



by Dave Peisner

Kiss Me Kate by Cole Porter, this year's ASCIT musical, was presented in Ramo Auditorium last weekend and was better than previous year's musicals. Standing-room-only audiences gave the performers enthusiastic applause both nights.

The director, Shirley Marneus, worked under almost unbearable conditions: a small stage, no backstage area, and little or no set, but pulled a group of Techers together to produce a full Broadway show. (The last two musicals were not.) Techers tend to be apathetic and unemotional but most of the bodies on stage were people. They did something. They moved around. They showed expression on their faces. And they reacted to what others said. Shirley spent many nights in preparation for the show and the result was another fine show to add to her long list of successful productions.

Jim Hugg again played the lead male, Fred Graham (Petruchio) and again was outstanding. His booming preacher's voice provided strong support for the role of a famous producer. In fact, he was Fred Graham, Everything he did on stage, even during a few ad libs was the character, Fred Graham.

The same could not be said of Lilli Vanessi (Kate), played by Olivia Hugg, Jim's wife. She sang most of her songs quite well but her lack of experience as a performer showed during speaking parts and dances. When she forgot lines, she found it difficult to ad lib. When she danced (in *Wunderbar*), she was stiff and clumsv.

Jeff Eriksen, who played Bill Calhoun (Lucentio), also had dance problems during the Rose Dance. His solo proves he is not a dancer. He was consistently off balance during leaps and had lousy in financing student protrouble balancing on one foot, ductions. (Ask any Glee Club

and the choreography (by Charles and Nick) was a nice interlude from the rest of the show

Other actors/actresses of importance were Greg Griffin, Delores Walker, Flora Constanten, Bob Brown, Chris Harcourt, Ken Underwood, and Rich Gruner. All did excellent jobs though Flora had a little singing trouble in Another Op'nin', Another Show and Rich could not convince the audience he was sixty years old.

Under the direction of Steve Goodenberger, this year's orchestra was excellent. In contrast to last year, they were in tune most of the time and, except for weak violin and viola sections, provided appropriate accompaniments for the musical numbers. If they had rid themselves of one particular trumpet player, they would have sounded even better.

There were many dances in the show which were performed quite enthusiastically by Bob Brown, Greg Dunn, Maggie Evans, Pauline Ho, Judy Lovell, Anita and Roger Lighty, and Rob Peterson. Of special note was Too Darn Hot. Bob Brown and Judy Lovell choreographed and performed the most exciting dance ever done by students in the ASCIT musical.

Unfortunately, they did not choreograph the other dances. Jinkle Seagrave did those and her inexperience resulted in dances that did not flow.

Kiss Me Kate was an extremely difficult show to produce and it is a tribute to Greg Simay and his associates, Chris Harcourt and Flora Constanten, that the musical was successful. Unfortunately, rumor has it that the show lost money which again proves that while the institute is great in academic areas, it is waving his arms to stay upright. member what the institute did to them for the Festival of Light.) With very few exceptions, Kiss tech. It was a fast moving show that had varied musical numbers and a good plot. With few of this year's cast and crew graduating in June, one wonders what they will do next year.

NOW THRU SUNDAY

Hoyt Axton

Jimmy Buffett

Coming Next: Leo Sayer plus Larry Coryell

9081 SANTA MONICA BLVD., LA. 276-6168 COCKTAILS + DINNERS + HOOT MONDAYS + NO AGE LIMIT

DOUG WESTON'S

by Marc Donner The people doing the ASCIT Musical this year decided to take a gamble and abandon Gilbert and Sullivan in favor of the more technically demanding and difficult Kiss Me Kate. The gamble paid off! The show was a success, playing to SRO houses both performances.

Kate had a larger cast and chorus and orchestra than any previous production. The show was longer, more complex and more demanding. Each individual had to produce more and work harder. The fact that it came off as well as it did is testimony to how hard people worked.

Here a Glitch

Despite a few glitches here and there (a forgotten line, a misstep when dancing) Kate came across very smoothly. The orchestra wasn't outstanding but they did a respectable job; of making music.

Jim Hugg put in a fine performance as Fred/Petruccio with good acting and singing. The scene with the banana was one of his funniest. Floradora did well as Hattie, though possibly miscast.

There a Glitch

Charles Seagrave and Nick Webb were the show-stealers with their performances as semieducated Baltimore strong-arm men. Their rendition of "Brush Up Your Shakespeare" was brilliant all the way down to the machine gun finale.

A lot more can be said about the musical; the dancing was very pleasant and much of it was quite good. The singing was fine and the cast and chorus put their hearts into it.

good musical.





DANCERS Bob Brown and Judy Lovell star in an exciting number from Photo by T. Sheehan the ASCIT Musical Kiss Me Kate.

Books

Continued from Page Seven at Auschwitz in 1944; as a ten vear old budding revolutionary in Havana, 1898. Time has a bad havit of being a little bit stranged

out in a Moorcock book. In addition to the primary plot or plots of the book, there are sub-chapters reminiscent of John Brunner's Stand On Zanzibar. These sub-chapters present an ethical problem and ask the reader his own choice. For example: "You have three children. One is eight years old. A girl: One is six years old. A girl. One is a few months old. A boy. You are told that you can save any two of them from death, but not all three. You are given five minutes to choose. Which one would you sacrifice?"

I am not at all sure that there Altogether, Kate was a pretty is any one point to the book. One of the things which came

across to me was the idea that mankind is destructive for the sheer hell of it. Breakfast in the Ruins is not a book for the squeamish or the easily confused, but it is very good. It serves as a warning. Of what, you must decide.

Friday, April 26, 1974

Nick Smith



No more club fees! 50 Departures, also NYC, Japan & Australia. Youth Fares, too. Since 1959: ISTC, 323 N. Beverly Dr., Beverly Hills, CA 90210, (213) 275-8180.

EUROPE - ISRAEL - AFRICA Student Flights all year round. CONTACT: ISCA, 11687 San Vicente Blvd. No. 4, Los Angeles, CA 90049. Tel: (213) 826-5669 or (714) 287-3010.

Fourth year of CHARTER FLIGHTS to Europe. Call Dr. Mandel at extension 1078 or 476-4543.



For Sale: BSR McDonald 310X Turntable. \$60. Contact William McCown - 212 Page, 449-9755.

1971 Ford LTD station wagon. 26,000 miles. In excellent condition. 429 engine, AM/FM radio, trailer towing package, rack, new tires, A/C. \$2,350. Call Joan Richmond 797-4853 after 6 p.m.



TRANSLATORS

If you have unprecedented eating ability, Try Roma's spaghetti!!! **ROMA GARDENS BEER & WINE ITALIAN CUISINE** PIZZA **SPAGHETTI** RAVIOLI **10% Discount**

However, during the rest of the show, he showed his acting and singing expertise with a con- Me Kate was one of the best vincing pass at Lois Lane. His musicals ever produced at Calroutine during Always True to You in My Fashion was one of the highlights of the show.

The best actress was Chris Kuranishi. She and her infectuous smile portrayed Lois Lane (Bianca) as a flirtatious chorus girl. Chris's quartet with Ken Underwood, Jeff Eriksen, and Chris Harcourt in Tom, Dick, or Harry was the best vocal group in the production.

Two actors who livened up the show were Charles Seagrave and Nick Webb, the gangsters. 'Although they were on stage but a few times, their entrances always caused excitement in the audience. Brush Up Your Shakespeare, their duet, was delightful



with scientific training required. All languages and disciplines. Free-lance. Send resume to Box 5456, Santa Barbara, Cal. 93108

Buying or selling something? You, too, can take out an ad in the California Tech!!! \$1.50 per inch plus 25d per extra line for Classifieds. Bring ad copy to the Tech office, or phone ext. 2153.

Second Class Postage paid at Pasadena, California. The California Tech is Second Class Postage paid at Pasadena, California. The California 1ech is published weekly except during exams and vacation periods by the Associated Students of the California Institute of Technology, Inc., Winnett Center 105–51, California Institute of Technology, 1201 E. California Blvd., \star sadena, CA 91109. Subscriptions: \$4.00 per year.