



Support
Your
Local
Police

California Tech

Associated Students of the California Institute of Technology

Take Lt. Newton
Home for Lunch

Volume LXVI.

Pasadena, California, Thursday, May 27, 1965

Number 30



Ditch Day: Frosh unveil their extension of the Pasadena Freeway, built to give third-term seniors easy access to the beach.

Seniors ditch as Frosh foil plans

Senior Ditch Day has come again and gone again. The seniors disappeared early in the morning of Thursday, May 20, leaving their rooms well-stacked and the frosh eager for the taste of victory. While they were indulging themselves at Redondo Beach their rooms were attacked and fell beneath the onslaught of frosh, who were armed with Ch 1 and Ph 1.

Ruddock

Ruddock House saw the most activity, with three rooms under attack. Turechek outfitted his door with a solenoid lock controlled by a thermostat, with sensor located in the channel iron that blocked the space underneath the door. He and quasi-roommate Simpson planned to undo the lock by pouring liquid nitrogen under the door to activate the thermostat.

Kubitz takes Conger Prize

The first place award of \$50 in the 54th Annual Conger Peace Oration Contest yesterday went to Kermit Kubitz for his oration entitled "Those Who Are Responsible." Receiving the second place award of \$25 for the speech "Walk Together" was Fred Lamb.

In addition to receiving the prize money, the names of the first and second place winners will be printed in both the Commencement program and next year's catalogue.

Judges for the contest were Dr. Robert Oliver, associate professor of economics; Dr. Ernest H. Swift, professor of chemistry; and Mr. Carer Barber, chief editorial writer for Pasadena Star-News.

But the mechanism could not stand the vigorous all-day attacks of the frosh; expert coat-hanger maneuvering and door kicking caused the solenoid pin to fall out. The frosh then cleared the room and laid asphalt down, painted a double yellow line down the middle, and appointed the place with street signs. The same solenoid was used to close the room later, but this time it had to be activated by a voltage between one phone wire and a random wire emerging from the room. The frosh managed to convince the two returning seniors that the room had not been entered: when smiling Turechek poured the magic liquid under the door he turned on a recorded tape loop of the frosh chorus singing "Seniors Eat It."

Africa

Greenfield had a pin blocking his latch, with a supporting string to be released by drilling a small hole in the window putty; but when he left, the pin failed to engage fully, and it was shaken out by frosh shoulders. Most of the furniture in his room was removed to the tree in front of the House, where it formed a rather nice African bachelor's pad. And conversely: a tree was put in his room, along with a bench and appropriate wallpaper supplied by the Computing Center printers. With IBM chips in the medicine cabinet, water in the light fixtures, and the doorknob reversed, the room was ready.

Brown's room also had a pin in the latch, released by a rope through the heater from Greenfield's room. The frosh replaced the pin, intending it to be released by a fuse from the window burning the supporting string, but that system failed. A coat-hanger under the door pulled out the pin.

(Continued on page 2)

Snake, VR, and TBP Frosh Awards Given at Assembly

Honor and athletic awards were presented at the Spring Awards Assembly yesterday evening in Tournament Park. Fleming swept away the big metal by taking the Snake, Interhouse Rating, and Discobolus Trophies. Ruddock copped the Varsity Rating Trophy. The two-hour program featured Dr. William Corcoran as emcee.

The honor keys and certificates were presented by Fred Brunswig, ASCIT President. Next Dr. Eagelson awarded the Goldsworthy Interhouse Scholastic Achievement (Snake) Trophy to Fleming for the highest overall

GPA. John Tucker then announced Greg Kourilsky as Tau Beta Pi Frosh of the Year.

The Caltech Outstanding Athlete award was presented by Mr. Emery to two Techmen — Walter Innes and John Frazzini. The co-winners were selected by the Athletic Department staff. The award is given to those athletes making the greatest contributions to Caltech intercollegiate sports in terms of ability, leadership, loyalty, and interest.

Outstanding athletes

Coach Preisler gave the Vesper Basketball Trophy to a varsity member demonstrating sportsmanship, improvement, moral influence, and scholarship, as voted by the varsity squad: Jerry Yudelton. Also announced was James Pearson, next year's basketball captain. Coach Jensen awarded the Carl Shy Basketball Trophy to freshmen Terry Bruns, captain of this year's frosh team, and James Stanley.

Then Coach Emery announced that the members of the varsity swimming team had selected Larry Anderson as winner of the Campbell Swimming Trophy on the basis of sportsmanship, ability, and improvement. Anderson will be varsity captain next year; Henry Dewitt was named 1965 frosh swimming captain.

More glorious jocks

Peter Wyatt, 1965 captain, and Walter Innes received the Goldsworthy Track Trophy from Coach LaBrucherie. The track squad made the award on the basis of sportsmanship, team spirit, and proficiency. The 1965 frosh track captain was Simon Levinson.

The winner of the campus-wide Scott Tennis Tournament was announced by Coach Lamb: John Hoshor, also last year's winner.

Coach Preisler awarded the Alumni Baseball Trophy to Gerald Gowen, team captain. The award winner was chosen by the squad on the basis of sportsmanship, moral influence, playing

ability, and individual improvement. The frosh John C. Peterson Baseball Trophy was granted by Coach Jensen to Edward Chapyak, this year's team captain who was voted most valuable player by his teammates.

Walter Innes, winner of the Soccer Trophy, was named by Mr. Emery as the most outstanding player.

Finally, Mr. Musselman presented the Varsity Rating Trophy, based on the relative number of House members contributing to varsity and frosh teams, to Ruddock.

Election Results

The final class election results are as follows:

Soph.	
Pres.	Les Fettig
Veep.	Sam Logan
Sec.	Dick Wright
Treas.	Mike Saulney
Ath. M.	Ralph Kimbrell
Junior	
Pres.	George Sharman
Veep.	John O'Pray
Sec.	Martin Smith
Treas.	Bob Miller
Ath. M.	Don Blair
Senior	
Pres.	Doug Holford
Veep.	Walt Davis & Joe Tymczyszyn
Sec.	Pat Miller
Treas.	Jerry Yudelton
Ath. M.	Doug Gage

The BOC results are:

Blacker	Ed Robertson
Dabney	Sean Solomon
Fleming	Mike Saulney
Lloyd	Grey Jennings
Page	Alan Porter
Ricketts	Martin Olye
Ruddock	Rob Dickinson

The BOD appointments of last Monday, May 24, were:

Ex Comm. Ch:	Dave Close
	Stu Davey
	Dick Quint
	Norton Greenfield
	Ed Robertson
	Greg Shuptrine
Election Comm. Ch:	Stu Davey
Summer Game Room Ch:	Bill Broste

Notices

RESEARCH EXHIBITS

An exhibit of Institute research projects is mounted in the patio of the Athenaeum for showing today, between 12:45 and 3 p.m. Also included is a display of about 50 books written by faculty members in recent years. All students, faculty members, and employees are invited to see the exhibit.

CHRISTIANS, MEET!

George Gorman of Fuller Seminary will speak on "Relationships of Science and Religion from a Historical Viewpoint" Friday noon in Chandler. All welcome.

STEVE & ERIC,

popular campus folksingers, will appear at the Ice House, 24 N. Mentor at 9 p.m. this Sunday, May 30. Their new release is on sale at the Bookstore.

GLEE CLUB RECORDS

This year's Caltech Glee Club record, including selections by the Quartet, the Madrigal Society, the combined Chorale and Glee Club, and of course the Glee Club itself, is now available from Mrs. Arnette in 209 Dabney Hall or from Steve Elliot in 51 Dabney House for only for only \$3.00.

Commencement Exercises to Honor five hundred worthies

Almost 500 degrees will be awarded to graduating seniors and graduate students of Caltech in the 71st annual Commencement Exercises on the Beckman Mall, Friday, June 11. The commencement address will be given

by Dr. Frank Stanton, President of the Columbia Broadcasting System. The program, scheduled for 4:30 p.m., will honor about 110 graduates with PhD's, 134 with MS degrees, and 155 with BS degrees.

The Exercises, to which parents and guests will be invited, are a culmination of the activities of the previous day. The Senior-Faculty softball game at Tournament Park will initiate the activities at 10 a.m. Thursday morning. In addition, the Alumni pool will be open to the honored students and their guests from 10 a.m. to noon.

Full Day of Partying

Luncheon at Page House at 1 p.m. and Class Day Exercises at 2 p.m. are next on the list. The Class Day Exercises will take place in Dabney Lounge. Finally, the traditional Senior Reception at President DuBridge's house will round off the afternoon from 4 to 6 p.m. Although this is the "Senior" Reception, all students receiving a degree are invited to attend.

Increased patronage resulting from their excellent service has forced the Caltech Barber-shop to expand. Unfortunately, the TECH office is in the way. The TECH staff is making a valiant stand, but we don't know how long we can hold out against the sustained attack of 69 gesticulating, gibbering barbers wielding low-yield nuclear hair clippers. Thus we can take no responsibility for anything coming out of this office in the immediate future — blame it on the barbers . . . got to prevent defoliation of the TECH office . . . (crumble, rumble, thump, diddleplop) . . . help! . . . there goes . . . one wall . . .

Editorials

Less Math

When we spoke of the need for a less theoretical Math 2 course last week we knew that our cause was just, but we had no idea that so many students agreed with us. That editorial brought more student response than any we've written so far, and not one person liked the way the course stands now or wanted any more theory introduced.

The responses were as varied as they were numerous, but they all had one thing in common — students are being discouraged. They were good in math; they had to be to get here. What's more, a good many of them were interested in the subject and enjoyed it. Some enjoyed it because they understood the concepts. Funny what a few test averages of thirty percent or so can do to that interest. Others knew it would prove useful some day, but now they see no connection between proving an existence theorem and the real world. As a result, a large segment of this year's sophomores are getting so disgusted with math that it's really going to hinder them in the future.

And don't think we're speaking for a vocal minority of malcontents. So far as we can tell, this "back to reality" movement has a very wide base of support. Witness the petition that made the rounds last term, or the attention the EPC is giving the matter. Neither is this primarily a concern of the dumb: honors-at-entrance types complain with the rest.

Now we don't say that we will never need theoretical math. It is entirely possible that this type of course might be valuable to the scientist of the future. We'll concede this point because it's irrelevant. The major thing — the thing all this unrest proves — is that a theoretical course cannot be taught to us. Either we can't grasp it, or we are too pigheaded to believe that it will be useful, but the simple fact of the matter is that time spent in teaching a theoretical math course to sophomores will be wasted.

—Bob Berry
Norton Greenfeld



BY JACE

With the addition of the Dillard's Tuesday, the show at the Ice House has gone from good to

better. If you're a country and bluegrass fan, or just a genial folk-lover, it's a good, all-around show that shouldn't be missed.

Parker Bites ROTC Award

BY J. ROUSE

The Space Systems Division of the Air Force Systems Command hosted our AFROTC detachment at a Dining-In at SSD Tuesday evening. The third-term Dining-In traditionally honors the Seniors, and is the occasion upon which individual and group achievements are recognized. George Repasy and Mole Chapman were the big winners of the evening, walking off with cash awards totalling \$100 and \$50 respectively.

The evening's guest speaker was Major Francis Thompson, who is the Senior Project Officer at SSD and is in charge of supervising production of Atlas and Thor rocket engines. He spoke on what an engineer may well find himself doing in the Air Force, and brightened his talk with several anecdotes concerning the effects of too many PhD's in a Research and Development project.

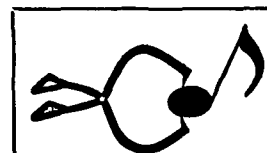
After Major Thompson's speech, the real festivities began. With a blinding flash of oratory, Weaver awarded O'Pray the Gerhard Parker Bites Award for airsickness above and beyond the call of duty: a T-33 model covered with barf. After many, many rude toasts, the mess adjourned and headed back to their respective snake pits, with the exception of the upperclassmen who were unavoidably detained.

First act is still Raun MacKinnon. She has improved a lot in the three weeks since I last reviewed her, but she's still a little stiff and awkward on stage. She has some better songs, too. Overall, she's very good for a beginner, but needs more experience to put polish on her act.

David Troy is one of the best male singers the Ice House has featured in a long time. He has a very rich, clear voice and an original style. Most of his material is standard but his arrangements are exceptional, especially his medley of "Down in the Mine" and "Cumberland Mine Distaster."

The Dillard's didn't get their reputation as one of the best bluegrass groups in the country for no reason. Each of the four plays with the best, and most of their material they arranged themselves. In addition to the music, they are one of the funniest groups around, with Rodney playing the part of a guy who would "have to go back and get more education to become retarded..."

The Dillard's leave Sunday, so if you plan to go Friday or Saturday, make your reservations soon — it'll be jammed.



at the ICE HOUSE

folk music in concert
24 N. Mentor Pasadena MU. 1-9942
Hootenanny Sunday from 9 p.m.

Ending this Sunday — The Dillard's

Starting June 1 — Casey Anderson

Information Science to be Taught here

A series of three new courses with the designation IS, for information science, is being offered next year by the Computing Center. The first is IS 130, Information Systems Synthesis, which has to do with the construction of operating systems and computer compilers such as FORTRAN. The second is IS 210 or PI 210 (take your pick, depending on what you need units in), Mathematical Linguistics. The course will consider the philosophical basis of natural and constructed languages.

The third course is IS XXX, Linear Programming. No one knows much about this course, even its number is top secret, but it will not be offered first term. IS 130 and IS/PI 210 are nine units (3-0-6) and three terms. IS XXX is nine units for second and third terms.

The position of these courses is uncertain. It appears that they will be acceptable as non-option science electives. IS/PI 210 may be acceptable as a math or humanities elective, and IS 130 and IS XXX may be EE electives, but a check with your advisor and registrar is recommended if you are interested in any of these courses.

In any event, it is too late to pre-register for them, but they may be added next term. Don't expect anyone to have too much information for a while, as these courses were not listed in the first term course list, and as of the end of registration week the IS courses were no more than wild rumors, according to the registrar's office.

Taylor writes Drollish laws

BY DESSINGER

There once was a little wild west mining town named Taylorville. Naturally, it was founded by a miner named Taylor, and all the laws of the town were set down by him. As a mining town, Taylorville had a lot of mules around. Foreseeing the smallest problem concerning their ownership, Taylor wrote pages of practically irrelevant laws. The weirdest law of all was one which stated that every time a man increased his mule-holding by four, starting from zero, he had to rewrite his will. These people were simple and their lives were fairly dull, and in the course of time, on practically every occasion where the law was applicable, the same heir was named. Thus it came to be called, "Taylor's four-mule law with renamed heir."

Airline captain assist several selected men attain FAA co-pilot ratings during this summer on "at cost basis." Must be good student, perfect health, 20-24 years old. Two or more years college. Box 557, Tulsa, Oklahoma.

Ditched seniors have fun eating

(Continued from page 1)

Ricketts

Ricketts House had two involved senior rooms. Both Chivens and Puckett stacked their rooms with dance floors against the closets and windows and an unpickable lock on the door (which was immovably braced anyway), leaving through the transoms. Chivens had a stack which dropped into place behind the transom, with the central unstacking pin activated by a solenoid, which in turn was to be activated by applying 110-volt power between a transom hinge and the door plate. Puckett had two solenoid pins holding the transom shut at the top. In each case the frosh entered due to a faulty mechanism, through adequate pushing and jiggling.

After being entered, the rooms were left in much the same condition as before, except that the contacts designated for the solenoids were hooked up to firecrackers instead, with the real solenoid leads left up in the attic. As in Ruddock, everyone in the House teamed up to convince the returning seniors that the rooms, being impregnable, had not been entered. Picture a confident senior demonstrating his method of entrance, only to hear his mechanism explode.

Page

Page House also had two rooms entered in the competition. Harkness had an electrical-type lock on his door which the frosh late in the day managed to open. His doorknob then had its function altered so that turning it produced a flow of water out from under the door. With the furniture carried to safety on the top of Firestone, and the bed rebuilt to surround the Senior Oak between Dabney and Gates, the operation was complete.

Payne installed a new lock on his door which turned out to be unpickable. The plucky frosh, since they could not enter from the outside, decided to enter from the inside. A loop of leather was adroitly tossed over the inside doorknob with a coat-hanger and used as a pulley-belt to turn the

knob. Voila!

Lloyd

Lloyd House had only McCown's room to play with. He had built a lock, grinding pins and key himself in secrecy, which kept the door firmly shut. The undaunted frosh undid one of the small windows, which because of a previous Ditch Day was held in place only by a bolt and nut. Climbing in, they opened the door and redesigned the lock so that the knob had no functional connection with the latch. Off goes the mattress to the Robinson pit, the rug to the Troop clock, the furniture (again) to the Firestone roof, the armchair to the top of the Lloyd dumb-waiter. Leaving water in the light fixtures, the frosh sealed up the room again and stole away into the night.

Fleming

Scott was the only senior in Fleming House to concern himself with his room. The famous Fleming locksmithship produced an unpickable lock for the door, so the frosh went in through a window. Then, in their own dazzling display, they rebuilt the lock cylinder so Scott couldn't reenter. Presumably, he also went through the window.

Dabney

Yee of Dabney House left three hasps on the inside of his door whose pins were to be pulled out by threads. Since the door seemed impassable, the frosh took to the window, which through a crack in the door appeared to be fortified only by a sheet of plywood. But when the window (opaque due to a newspaper covering) was removed, in front of the plywood was discovered a steel boilerplate. This was eventually penetrated, whereupon the hasps were made unopenable and the hinge pins made removable. But Yee on returning pulled the strings hard enough to remove the pins with no trouble.

Zot

Blacker House wins a personal raspberry from the Tech for being the only House to have ZOT senior stacked rooms.

FILIPPO'S ITALIAN RESTAURANT

FEATURING THURSDAY CALTECH SPECIAL: 1 LARGE SIZE PIZZA, 2 ANTI-PASTO, 2 WINE OR BEER, 2 DESSERT — ALL FOR THE PRICE OF ONE.
WEDNESDAY SPECIAL: 2 COMPLETE CHICKEN CACCIATORA DINNERS FOR THE PRICE OF 1.

Open 11:30 a.m. to 12:30 p.m.
1111 E. Colorado Blvd.

Closed Mondays
449-9201

California Tech

Published weekly during the school year by the Associated Students of the California Institute of Technology, Incorporated.

Editors-in-Chief

Bob Berry, Norton Greenfeld, Tim Hendrickson

News Staff

Les Fettig, Les Fishbone, Michael Meo,
John Middleditch, Dick Tezak

Photographers: Bill Boyd, Kim Gleason

Feature Staff

Jim Austin, Editor

Bart Gordon, Tom Greenfield, Wally Oliver, B'I' Orr,
Jeff Pressing, John Rouse, J. C. Simpson, Martin Smith, Hank Suzukawa

Sports Staff

Peter Balint, Editor

Steve Blumsack, Carl Friedlander, Dave Hammond,
Gary Ihas, Ted Jenkins, Barry Liebermann, Gary Ratner

Business Staff

Stuart Galley, Manager

Circulation: Bob Parker

California Tech, 1201 East California Blvd., Pasadena, California 91109.
Member of The Associated Collegiate Press
Represented nationally by National Advertising Service, Inc.
Second Class postage paid at Pasadena, California
Printed by Bickley Printing Co., 25 So. Fair Oaks Ave., Pasadena—SY 2-6594
Subscriptions: \$1.50 per term, \$4.00 per year. Life Subscription, \$100.00.

Dabney Triumphs in IH Tennis

Interhouse tennis is now over and all would-be athletes can go back to snaking again. But the cry: "Wait 'til next year!" can be heard in many houses.

Dabney, as was generally expected, won by taking a first, second, or third in every category. Page put up a good battle, but their poor showing in the third singles pulled them down to second. The most impressive rec-

ord by an individual was rung up by John Hoshor who won 47 out of a possible 48 games to win first singles hands down.

Lloyd, powered by Pete Osburn's first place finish in the third singles, did amazingly well in finishing third. Blacker had some very bad luck and could only finish fourth. Dave McCarroll, who was on his way to at least a third place in the second

singles, became ill and had to forfeit all of his last 16 games because of inability to play. McCarroll came in sixth, and therefore Blacker, instead of taking second, was only able to get fourth.

The closest contest was in the doubles category where three teams, Page, Dabney, and Blacker, tied for first place. Also, the next two doubles teams were only four points behind.

In the end, tennis had no effect on the final Interhouse standings. Fleming had clinched the trophy long ago, and none of the other teams were able to move up even one notch. Well, better luck next time.

SPORTS

Discobolus Closes With Ricketts Win

The annual Ricketts-Ruddock Discobolus soccer contest was held on the field at TP last Saturday, but it was strictly "no contest" as Ricketts triumphed 3-0. The Rowdies took the first kickoff and

promptly moved the ball into Ruddock territory, keeping it there most of the half.

Varsity Players

In a move aimed at insuring ball control and neutralizing Ruddock's principal threat, varsity member Hunsacker, Ricketts used one of their own varsity players, Innes, at center half. The halfbacks of both teams were good, with McWilliams of Ruddock perhaps giving the men in blue a slight advantage.

The difference was in the front line. Ricketts featured Moretti, the varsity goalie, plus Noorvash and Marsh of the junior varsity; their passing was good for Discobolus, and ball control finally payed off when Moretti cashed in on a penalty kick halfway thru the period.

Lazy Goalies

Both goalies frequently had their hands in their pockets, though for different reasons, and both teams suffered from widespread ignorance of how to throw a ball inbounds. The half ended before the Ricketts goalkeeper had the opportunity of even handling the ball, so he had a replacement sent in.

The second half saw the influx of numerous and surprisingly strong Ricketts reserves. Ruddock was short on extra manpower, but their starters were nevertheless able to mount a much stronger offensive than in the first half. Before the period was long begun, however, Ricketts struck again, with Olson coming from seemingly nowhere to boom one in.

Moretti Again?

The scoring of the afternoon was completed by Moretti, who calmly laced in another penalty kick. This kick, and the one in the first half, were not the result of careless play, but rather of heads-up defense, as sure goals were stopped by the fouls. The only scoring opportunity for the men in blue was thwarted when a loose ball, resulting from a corner kick, was rescued by the goalie on the goal line with more Ruddock men in easy range than was at all comfortable.



Frank, Blumsack, Cross, and Daniel all get into the act in last Saturday's Discobolus soccer match.

FIRST SINGLES				THIRD SINGLES			
Name	House	Gms. Won		Name	House	Gms. Won	
1. John Hoshor	P	47		1. Pete Osburn	L	33	
2. Wayne Pitcher	Bl	30		2. Jim Fishbein	D	31	
3. Mark Satherthwaite	D	28		3. Ed Perry	F	29	
4. Rich Touton	F	22		4. Frank Pate	Bl	28	
5. Gray Jennings	L	19		5. Frank Nakamoto	Ru	25	
6. Ed Kuplis	Ru	12		6. Tom Soifer	Ri	14	
7. Jim Hall	Ri	10		7. Richard Silver	P	8	

SECOND SINGLES				DOUBLES			
Name	House	Gms. Won		Team	House	Gms. Won	
1. John Eyer	D	36		1. Iacueli-VanEssen	P	29	
2. Carl Scandella	P	34		1. Moore-Elms	D	29	
3. Ralph Gajewski	L	24		1. Williams-Erlich	Bl	29	
4. Dave Jarvis	F	21		4. Landy-Whiteley	L	26	
5. Walt Innes	Ri	20		5. Young-Harslem	F	25	
6. Dave McCarroll	Bl	19		6. Chapman-Friedlander	Ru	22	
7. Rob Dickinson	Ru	14		7. Norvash-Bloomfield	Ri	8	

Intrasquad Game Ends Spring Football Practice

The last rock-and-sock, leather on leather for this academic year was heard at TP Tuesday as the Reds faced off again the Whites in the hottest intrasquad football game of the season. Two evenly matched teams tried their hands at offense and defense while Harry Baldwin and Dean Bond tried their heads at head coaching each of the power squads.

Running was the order of the day, as the bruises on the linemen can testify. Brennan showed the strength of yester-year by making the slant and the draw go well for the Whites. Rock Levinson and Jay Chapyak gained valuable experience at running, passing, and eating it, while Harley and Guffrey were on the receiving end of some long bombs.

As for the Pinkos, Kawal decided he'd rather run than fight (pass or hand off) and thereby managed to score both Red touchdowns himself. Frazzini exhibited his usual straight-but-good running by bulling through the line for consistent gains. Kampe was a standout on the defensive line and managed well on offense, too. By the way, the Rosies ended up on top in scoring; they won 12-6 thanks to a Good Guy fumble on the Red five yard line.

Actually, the whole game was a lot of hard running and hitting, and it was a very welcome respite after a long spring practice. Everyone was in high spirits and looking forward to coming back next year in top shape and with lots of go-power.

Final Trophy Standings

FINAL TROPHY			
DISCOBOLUS			
House	Won	Lost	Points
Fleming	7	3	24
Ruddock	6	3	21
Page	4	3	15
Ricketts	4	3	15
Blacker	3	4	13
Dabney	1	4	7
Lloyd	0	5	5

INTERHOUSE	
House	Points
Fleming	123
Page	109½
Blacker	94½
Ruddock	82½
Dabney	81
Ricketts	51
Lloyd	46½

HOT ROD MAGAZINE

CHAMPIONSHIP DRAG RACES

JUNE 18-20, 1965
RIVERSIDE INT'L RACEWAY

FACTORY EXPERIMENTALS!

200 mph FUELERS! TOP NAMES!

**CONNIE KALITTA • JOE SCHUBECK • TONY NANCY
DON PRUDHOMME • DANNY ONGAIS**

Admission
Fri. — 9 a.m.-5 p.m. ... \$1.00
Sat. — 9 a.m.-5 p.m. ... 2.00
Sun. — 8 a.m.-6 p.m. ... 3.00

SPECIAL STUDENT OFFER!
50c OFF ANY DAY

50c OFF ANY ONE DAY

**HOT ROD MAGAZINE
CHAMPIONSHIP DRAG RACES**

**RIVERSIDE INTERNATIONAL RACEWAY
FRIDAY - SATURDAY - SUNDAY
JUNE 18 - 19 - 20**

BRING THIS COUPON TO RIVERSIDE ON RACE DAY
Good for 50c off admission price any one day
NOT GOOD FOR PIT PASS

**PICK UP DISCOUNT TICKETS AT
Butler Bros., 343 E. Main St., Alhambra**

DATED FOR FRESHNESS

TRY A PINCH OF REAL TOBACCO TASTE

Enjoy Copenhagen: Place a small pinch between cheek and gum. No chewing.

New Resident Associates For Blacker and Lloyd

BY TEZAK

Two areas of the world, many miles apart from each other in both distance and in culture, have produced Caltech's two new Resident Associates for the next school year. Mick Mortell, a native of Ireland, has been assigned to Blacker House, while Jack Griffith, who hails from Alaska, will be Lloyd's new RA. In addition, although the final selection has not yet been made, it is expected that two of the Student Houses will be welcoming new Nonresident Associates come next fall.

Hurling and hunting

Mick Mortell (whose first name is pronounced "Mike") is a graduate of University College in Cork,

Ireland. An applied math major, he is currently doing graduate work in "Transient Wave Propagation" under Professor James Knowles in Thomas Laboratory. Sports are among his hobbies, with soccer and "hurling" among his favorites. The latter game is similar to field hockey, and happens to be Ireland's national game. Mick's immediate family includes three brothers, all of whom live in Ireland.

Jack Griffith is a physics graduate of Occidental College, but he is doing his graduate work in biophysics, to which he was directed by a chance conversation with a biophysicist from Oak Ridge. The two met while fog-bound in the Seattle airport during Christmas of Jack's junior year. He applied for and was accepted in the 1963 summer trainee program in biology at Oak Ridge, working under Dr. Richard Setlow on the photochemistry of DNA analogs. Jack is from Anchorage, Alaska, where his father is an economist with the Bureau of Indian Affairs. In the 1964 earthquake the family house and lot slid cross-country as a unit. The house itself was not badly damaged and the Army Engineers moved it to a new site. Jack spent most of last summer establishing it on a new foundation and repairing it.

Jack's favorite sport is wolf-hunting, which also happens to be a profitable hobby, since there is a \$50 bounty in Alaska on wolves. He says the best way to hunt them is by airplane — it's easier to get to where they are. He also hunts moose, grisly bear, and mountain sheep. Among his hunting experiences, he has several close calls, including a plane crash last summer that left him and a companion lost and stranded for two weeks. On two other occasions he was forced to shoot a bear that had walked into his family's summer cabin in the middle of the night. In addition to hunting, Jack enjoys skiing. One of his chief ambitions after getting his degree is to go to Europe for a skiing vacation.

Views on Caltech

Both new RA's have definite views on Caltech and the Student House system. "In Ireland," says Mick, "college students are only given one exam, which comes at the end of the year. They are often able to goof off the first six months. They don't have to stay on top of their work all the time." Here at Caltech he feels that students "work longer hours, but are able to learn more in less time." Mick is in favor of such traditions as Initiation and Ditch Day.

Jack believes that "the house system is a very good compromise between the typical dormitory system and the fraternity system, neither of which would work at Tech." He is enthusiastic in his support of such traditions as Freshman Rotation, which he feels is "an essential part of the House system."

Two-headed Meteor To Be Chased

BY A. H. and T. W.

Dr. Leon T. Silver of Caltech's geology department and several companions were on a desert field trip Saturday night, May 1, when they saw a bright meteor flash overhead.

Silver immediately checked his watch, and whipped out the Brunton compass that every good geologist carries on his hip (in lieu of a sliderule) to read the bearing of the shooting star's path. The time was 8:36 p.m. and the meteor was going N 70 W.

Many people at places between the Arizona border and the ocean saw the meteor. Their observations could enable a computation of the meteor's trajectory.

Several Techmen observed the meteor. The meteor was seen at Whittier by Les Fettig and Tom Williams, at Santa Monica by Dan Paxton, and by Glen Williams, Jim Williams, and Alan Harris at Mt. Pinos.

Seeing double?

Silver is collecting observations on the meteor with the faint hope of being able to find the meteorite. Such a find, coupled with the calculated trajectory, would be of immense value in the study of meteorites. Observations of this meteor reported to Silver or to Tom Williams in Ruddock would be very much appreciated.

Sophomore honor Sections available

Honor sections in Ma 2, Ph 2, and H 2 will be available next year. Frosh may register for one, two, or all three sections. To be eligible, a student must have received a "P" in each of his courses, and must be recommended by his instructor in the field of the honor section. Honorable frosh may sign up by filling out a form at the Registrar's Office before June 12.

THEY'RE HERE!
Steve & Eric's latest release
DEI record no. 13769-EP.
At the Caltech Bookstore.

EDWIN M. PEARL and HAROLD LEVANTHAL present
PETE SEEGER
2 Concerts at 8:30 P.M.
Tickets: \$4.00, \$3.50, \$3.00, \$2.50 at the Ash Grove and all agencies. Mail orders: Make checks or M.O. payable to Civic Auditorium. Enclose self-addressed, stamped envelope.
FRI., JUNE 11 SANTA MONICA CIVIC AUDITORIUM 3855 Main St., Santa Monica tel. GL 1-4848
SAT., JUNE 12 PASADENA CIVIC AUDITORIUM 300 E. Greene St., Pasadena tel. HI 9-9473

ALL SAINTS EPISCOPAL CHURCH
132 North Euclid, Pasadena (across from City Hall)
SUNDAY SERVICES:
8:00, 9:10, 11:00, 7:00 p.m.
College Group meets every Sunday evening at 7:00 p.m. in the Parish House.
The Rev. Terence E. Lynberg
Episcopal Chaplain

FRENCH SPANISH GERMAN
RUSSIAN ITALIAN JAPANESE
THE BERLITZ SCHOOL OF LANGUAGES
PASADENA, 170 SOUTH LAKE AVE., SYcamore 5-5888
PRIVATE INSTRUCTION IN ANY LANGUAGE
Native Teachers Day or Evening Free Trial Lessons



BANG! Is that a fnurl I heard?

Here at the California Institute of Yechhnology young men learn to devote their lives to the glorious pursuit of science. One of the many rewards accruing to the gung albeit trollish science monger is the annual Pasadena Beautiful Award for outstanding accomplishment in demoralizing, screwing, disenchanting and bewildering Teckers. This year's award went to the famed grub about campus who festers in a Mathenium cubbyshevhole, Dr. Jug Zweiback.

The PBA panel of judges, past or present Quantum Mechanics all, met one dark moonless night after the 1965 award had been made available through the generosity of the Pasadena Sewer Construction and Parker Bites Society. After long deliberation lasting up to thirty seconds, the committee made its choice, and set out to deliver the award to Zweiback in his office.

subheads go down!

As this award is meant to be a surprise, great pains were taken to avoid being seen by the figgy legions. This year's award being twelve feet of piping hot throbbing tree, the committee struggled it to the outside of the Math hole, whereupon the Human Torch of Festering Four fame sesamed the doors, and into Ztroll's office went the tree and committee. The imminent SU-all man was not in, so the award was left diagonally.

As a special this-week-only fire sale - lost - our - fern - pre - inventory - whoop-and-holler - frog - strangling added attraction, a cylindrical depository of fung and a wooden seat support were also added. But

THESES, TERM PAPERS, DISSERTATIONS, SEMINAR REPORTS, LECTURE NOTES, OUTLINES, MONOGRAPHS, RESEARCH DOCUMENTS, BOOK-LENGTH MANUSCRIPTS
I.B.M. typed according to your particular format. 24 Hour Service.
Joan Hawkins 347-1801

alas, Zweiback had the creeping crud and black rot and did not return to the scene of the crime until Blood and Guts removed all material with trained termites.

Chicken, schist, and water

Then there were the 2x2x2x2x2 cluckadoodles in the brownies' nest, sired by Snort Greenfung and Grunt Blackfung. These roamed Ratlick for a while, being put to pasture during the day in the great outback, and bedded in the closeted area of Lawsamitey Rube. Finally a little old egg farmeress relieved us of the little darlings. Wonder how long before she perceives new additions lay not eggs directly.

Present tobies

Also we have the plight of Pfc. Great Plains Surfer Mole of Lesbos. Being a good egg he lent his SS ticket to Yapyap to get him to Aunt Jane's in Southern Sister City. TS, but Yapyap and GPSM look not alike, and brilliant figgy-type noticed this. Under third-degree, Yapyap fessed up, and SS card was relieved. This may give GPSM hut-two-three-four years in the service of Big Brother. Should-a joined ROTC, dough-boy.

Want Instant Quiet For Studying?



Hear-Guard hearing protectors effectively reduce all noise; cut conversations to a whisper. Helps you improve the effectiveness of your study time by letting you concentrate on what you want, when you want.

Send check or money order for \$11.00 today for your comfortable, light weight, completely adjustable Hear-Guard hearing protectors. We pay postage and handling charges.
COOK MARKETING COMPANY
BOX 252
GLENVIEW, ILLINOIS 60025

FLICK GUIDE

ACADEMY
1003 E. Colorado 796-3191
Admission: \$1.49 (\$1.25 before 5:00) w/Fox student card.*

Friday and Saturday:
Dear Brigitte — 12:30, 4:05, 7:40, 11:15.
High Wind in Jamaica — 2:15, 5:50, 9:30.

COLORADO
2586 E. Colorado 796-9704
Admission: \$1.25 for students.

Features are Cheyenne Autumn and Dear Heart. No schedule available before press time.

CROWN
129 N. Raymond 796-3131
Admission: \$1.25 w/Statewide student card, \$1.49 without.

Friday and Saturday:
The Nutty Professor — 12:30, 4:15, 8:54.
Circus World — 2:23, 6:32, 10:47.

ESQUIRE
2670 E. Colorado 793-6149
Admission: \$.25 for Techmen, \$1.50 for other students.

Friday:
The Idiot — 7:15, 10:40.
Naked Autumn — 9:00.
Saturday:
Idiot — 2:30, 6:00, 9:30.
Naked — 4:10, 7:45, 11:15.

STATE
770 E. Colorado 792-7139
Admission: \$1.49 w/Fox student card.*

Friday:
Mary Poppins — 2:00, 4:30, 7:00, 9:30.
Saturday:
Mary Poppins — 12:00, 2:30, 5:00, 7:30, 10:00.

UNITED ARTISTS
606 E. Colorado 681-6577
Admission: \$1.49 w/Fox, Statewide, or Uptown student card, \$2.00 w/out.

Friday and Saturday:
Goldfinger*** — 1:00, 3:25, 5:50, 8:15, 10:40.

UPTOWN
2316 E. Colorado 793-4330
Admission: \$1.00 w Uptown student card,** \$1.49 w/out.

Friday:
Strange Bedfellows — 7:00, 10:35.
Masquerade — 8:53.
Saturday:
Strange — 1:37, 5:14, 8:56.
Masquerade — 3:25, 7:02, 10:44.

*If you are bereft of a Fox student card, one can be bought, included in an admission price of \$1.75. Good for six months.

**An Uptown student card can be purchased under the following plan — first night: admission plus card, \$2.00; second night: admission, free; following nights: admission, \$1.00.

***Horny Techmen anxious to see Miss Blackman and her coterie will be glad to know that this James Bond thriller is scheduled to run for ten weeks.

JAPANESE TRANSLATORS
Wanted — All fields — Also other languages. Free lance work.
Send resume to:
Scientific Translation Service
4849 Tocaloma Lane
La Canada, California

Announcement
FOR CALTECH
SENIORS, GRADUATE STUDENTS, FACULTY AND STAFF MEMBERS
A SERVICE CHARGE FREE CHECKING ACCOUNT FOR LIFE CAN BE YOURS—WHEN OPENED AT CONTINENTAL BANK
Come in today . . .
Open till 5 p.m.—6 p.m. Friday for your convenience although you must apply in person.
Fill out application below to receive specific information.
Name (Please Print)
Address Phone
School—College Date of Birth
Student () Faculty Member or Staff ()
CONTINENTAL BANK
Member of F.D.I.C.
9430 Wilshire Blvd. Beverly Hills
8730 Sunset Blvd. Los Angeles
CR 3-5000