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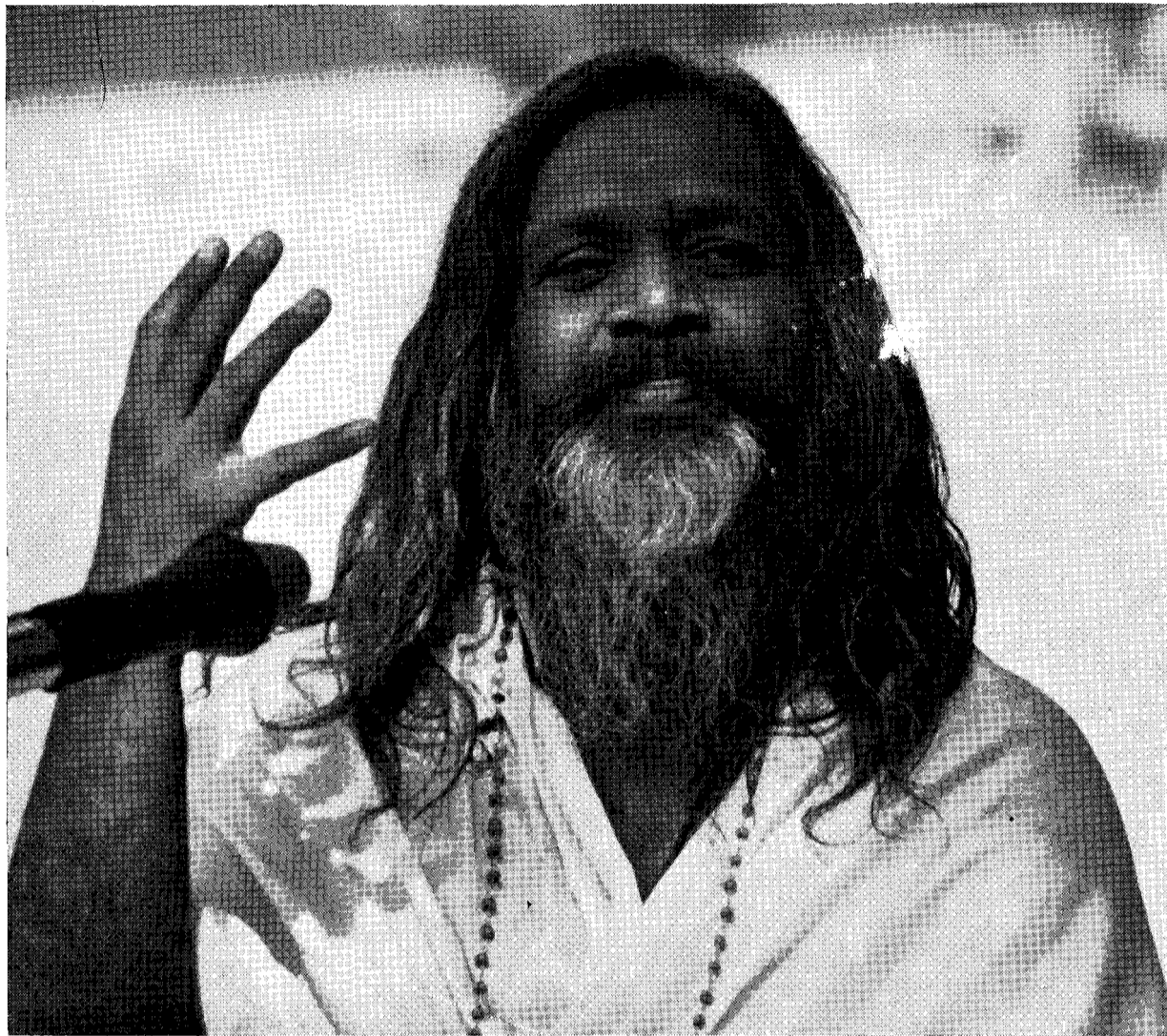
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Volume LXIX

Pasadena, California, Thursday, May 23, 1968

Number 29



—photo by Dash

The Maharishi Mahesh Yogi, famed Indian Guru and teacher of transcendental meditation to such notables as Mia Farrow, and the Beatles, lectures a crowd of Caltech students on the Olive Walk last Thursday, afternoon. In the picture, the Maharishi propounds the advantages of transcendental rather than algebraic meditation.

Guru Explains Meditation

by Dave Lewin

Last Thursday, May 16, anyone walking past Dabney Gardens in the early afternoon would have been able to see a small group of Tedhers, including some faculty, sitting around in a circle arguing with an oddly-clad Indian, who was idly toying with several fresh roses. This group was a private session with the notorious Maharishi Mahesh Yogi, which the latter was having filmed for a documentary by Four Star Productions to be entitled "Maharishi". As the session proceeded, passers-by ambled into the Gardens to watch, listen, and sometimes to participate.

The original group invited by the Caltech YMCA, who sponsored the guru's visit to campus, included Dr. John Weir, Prof. Leon Silver, Wes Hershey, Guy Smith, this writer, Chris Dede, Barry Lieberman, Helene Silverblatt, and Ben Barker. After the filmed session, the Maharishi spoke on the Olive Walk to a throng of three hundred persons, mostly from Caltech. He started off both sessions with a brief discussion—Transcendental Meditation, how it works (in general, not specifics of the technique), and how it helps the individual to greater happiness. It was claimed that meditation was more restful than deep sleep, and that it increased an individual's reserve of energy. The Maharishi described the meditative state as one of "less and less feeling, less and less thinking" where one completely relaxed from the strain of being on the go all the time. After Transcendental Meditation, said the guru, a man is more efficient, and better able to attain happiness, which to the Maharishi was synonymous with money.

After a statement by the guru that all problems diminish through Transcendental Meditation, he was asked by several members of the small group whether any problem would be solvable this way. When the Maharishi answered in the affirmative, he was then asked if he thought that the poor could overcome their problems in this manner, he replied that the poor were poor because they were either lazy or stupid. From this point on, the discussion centered on the political implications of the Maharishi's philosophy, instead of the psychological and philosophical aspects which the group had investigated at the beginning. The argument ranged from Black power, the violent aspects of which he decried, to the caste system in India, a question which the Maharishi skillfully dodged.

Along with the Maharishi came the director of the Student International Meditation Society (SIMS), and a number of the guru's disciples from UCLA. These young men and women eagerly testified how Transcendental Meditation had changed their lives and raised their grades. The Maharishi's agent told us that the guru held a bachelor's degree in Physics from an Indian university, but what few scientific statements made by the Maharishi belied this fact. For example, in the public talk the Maharishi claimed that earthquakes were due to emotional tensions in the atmosphere. The Maharishi was interested in talking to scientists and science students, but the only thing he seemed to have gotten out of his visit here was some free publicity, and the right to college-drop the name of Caltech. Though he

seems sincere, and does not claim to be a mystic, he does not leave one with the impression of being a profound thinker, or of being a philosopher at all, rather, even as he sits on a deer skin, toying with a rose, clad in a white toga-like outfit, one still gets the impression that he's wearing gray flannel.

"An Open Letter to Joe Rhodes"

Dear Joe:

The second of your two articles: The Caltech Myth, disturbs me. I have been trying in my own mind over the last few months to come to grips with the problems you raise, both as a member of the faculty Aims and Goals Committee and, in the wider sense, as a responsible member of the faculty. My present thinking is distant from the line you are following. I do not mean that it is at odds with your thinking or that our views are inconsistent. Rather, there seems to be a disturbing void between our points of view. Since I have, through valued personal contact with you, come to respect and trust you as an outstanding human individual, I am troubled by this void between us.

You conclude, on the basis of what seems to me a superficial comparison, that a student should choose Berkeley or Stanford over Caltech. By superficial I mean two things, first that you limit your comparison to such gross similarities as the course listings in the physics curriculum or such gross dissimilarities as the range of social opportunities;

ARP Prospects Brighten

by Nancy Grana

For the first time a student group, the ASCIT Research Project, has applied for a grant to the Public Health Service of HEW. Three weeks ago, S. Smith Griswold, assistant director of the National Air Pollution Control Center met with representatives of the ARP. As a result of his interest in the Project, he sent Mr. Charles Yaffee, grants chief for the Control Center to discuss the ARP application. At this meeting of Tuesday, May 7, were present Mr. George Canetta, Administrator of Sponsored Research at Caltech, and Dr. Lyman Bonner.

Is this WPA?

In the kind of grant for which ARP applied, the recipient must raise additional funds to match in a one to three ratio with the

grant. Some of this may be provided in kind, i.e., in services rendered to the applicant such as bookkeeping. The Institute, through Mr. Canetta and Dr. Bonner, is considering how it can help with these donations.

At the present time, LBJ's budget cut has frozen all PHS funds. Mr. Griswold believes that air pollution may still have funds available before the end of the term. ARP appears to be high on the list of those groups who have applied for funding.

The Public Health Service will be able to reply to the ARP proposal by the end of this term. This is lightening quick action for the government or any funding agency. They will be able to give \$60,000 if ARP justifies it, so now it is all up to the ARP proposal and later the fund drive.

Caltech Backs Gene

An expanding group of Caltech students, faculty members, and employees has joined in the effort of many university communities to help Senator Eugene McCarthy gain the Democratic presidential nomination.

About thirty Caltech people have already been involved in the door-to-door canvassing which characterized the accomplishments of the Senator in New Hampshire and in Wisconsin. This number has become involved early because the California Democratic Council, an organization with widespread backing which endorsed McCarthy's candidacy long ago, has had its machinery in operation for several weeks. The Minnesota's national staff, meanwhile, arrived in California only a week ago.

Faculty aid McCarthy

Faculty members have formed the association known as Scientists and Engineers for McCarthy, and some are hosting neighbor-

hood coffee sessions at their homes.

National staff members headed by area coordinator Al Rubin were at Caltech Friday to enlist further active support. Many volunteered, and, as the academic responsibilities of seniors dwindle away, more will become available. The campaign depends on the work of such individuals, staff members say, for Senator McCarthy's campaign cannot compete successfully with that of his New York rival in the area of volume of mass-media advertising; indeed, they point out, personal contact with the voters has far more impact than spot commercials on radio and television.

Word-of-mouth appears the most efficient means of enlisting canvassing aid. Friends tell friends who convince more friends that meeting the voters is good politics. Members of uni-

(Continued on page 3)

Notices

IF YOU REALLY WANT TO LEAVE

Tech but you have no way of getting where you're going, use the Rides Board set up in Winnett by the Caltech Y. Riders and drivers who want passengers to defray gas and oil expenses should sign up at the appropriate area on the map. Persons using the Board are responsible for arranging their own trips (automobile).

INFINITE MOVIES!

This Friday is the Caltech Film Group's final show for the year. Free to season ticket-holders, \$1.00 to all others. Featured will be **Mickey One**. Remember, it starts at 7, and never ends . . .

YOUNG REPUBLICANS SHOW FILM

The final meeting of the Caltech Young Republicans will be held tonight at 7:30, in Winnett clubroom No. 2. There will be a film shown on student rebellion.

CAMPUS RADIO STATION

The organizational meeting of a proposed Caltech F.M. radio station will be held this Sunday, May 26, at 1:00 P.M., in Winnett clubroom No. 1. Anyone interested in either the technical or the programming side of radio is invited. For information contact John DeVries, Rm. 7 Dabney House, 449-8258.

(Continued on page 2)

(Continued to page 3)

Editorial

Good Luck!

Next year the Institute and the student body will have to adjust to the loss of many of well loved and influential personnel. Drs. Henry Borsook, R. B. Corey, A. L. Klein, Alfred Stern, R. E. Untereiner, and Fritz Zwicky are to become professors Emeritus. Dr. R. B. King is retiring and L. W. Jones will become Dean of Admissions, Emeritus. Leaving the Institute are Drs. Alan J. Ardell, A. J. Boucot, Morris Brown, Din-Yu Hsieh, Donald E. Knuth, Russell M. Pitzer, Bob G. Sanders, and Bob Woodbury, as well as Mr. Caleb W. McCormick and Dr. John Weir.

Leaving the noble ranks of the Campus Cops is Officer "Fig" Newton. No longer will students be able to caress his furrowed brow with water balloons nor enjoy the use of his hot-rod cart.

Burt Housman, the executive secretary of the Y will not be with us next year. The impact of Burt and the Y on campus needs no elaboration.

The editors of the Tech thank these people for their service over the past years, and regret their loss. We wish them all good luck in their future endeavors.

—Alan Stein
David Lewin
Jim Cooper

Towering Eyeful

by Jim Cooper

"He who enters the Castle shall see a strange day and shall discover the wrath of the ages."

Those who attended the 3rd annual ASCIT Musical, **The Castle**, certainly saw a strange day; i.e., Caltech students writing, directing, producing, and performing in a musical. Fortunately, however, the word "wrath" in the above quote turned out to actually be "wealth," for those who entered Beckman Auditorium last Friday and Saturday nights to view **The Castle** received an evening of good entertainment.

The plot of **The Castle** deals with the need of societies — in this case that of a small, Spanish fishing village — to have some kind of historical or cultural heritage. Further, the musical states that a society must be willing to defend its heritage in order to survive. Two recurrent sub-plots involve a love story (of course) between a young surveyor, David, and a village girl, Teresa; and also the story behind the Castle of Pelayo itself.

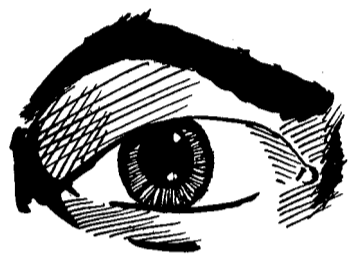
Rogers & Hammerstein

The book by Dan Nemzer is excellent, as are Mike Garet's music and lyrics. The story moves from one scene to the next at a good pace, and songs such as "My Own Little World" and "Where Does the Sun Go at Night?" have a tremendous popular potential.

Choreographer Dick Neu's work is also to be highly regarded. The dance numbers in the musical are undoubtedly the highlights of the show, especially the interpretative dances of "Pageant: The Legend of King Roderic" and "Pelayo." These latter numbers are of professional quality.

Aristotle strikes back

The major flaw of the performance rested in the orchestra pit. Although laboring valiantly under the baton of Jim Downum, the orchestra simply could not function too well as a group.



Many times the audience winced inwardly as members of the orchestra were half-a-note off key. The good acoustics of Beckman Auditorium in this case proved to be a distinct disadvantage.

The leading roles in the cast all were more than adequately filled. Though lacking somewhat in singing volume, Chris Reed as Captain Diaz was very convincing in his portrayal of the elderly fisherman and gave the character a depth which some of the other characters lacked. Glenn Prestwich as David, the surveyor, and Shari Friedland of PCC as Teresa, a village girl, were excellent in their duets. Island, low-income world traveler played by Terry Bruns, was somewhat shallower in character than others, but Bruns sang his role well. A similar statement could be made for Maria, played by Karen Gillett.

Pixies are really moles?

Jeff Moller as a ghost-like potter who inhabited the Castle, was very good. His mannerisms especially suited that of the pixie-like character he portrayed. Little Fiamma Barragato, a junior high school student, as Lisa, a small village girl, added considerably to the musical.

The supporting cast were also of good quality. Special mention should be made of the singing talents of Dan Nemzer, who portrayed John, the foreman of the workmen; and of the great dancing talents of the choreographer, Dick Neu. In a brief "cameo" appearance Dr. Jurg Waser, Professor of Chemistry, portrayed a priest. He performed as well as he does at any of his chemistry lectures. (On Friday night the role was given to Dr. H. F. Bohnenblust, Professor of Mathematics.)

The technical end of the production also deserves some mention. The costumes designed by Janet Wray were colorful and appropriate. The set design by Mike Kahn was also very good.

Drugs or Smog

To the Editor of the California Tech:

In the publication of 'Drugs and the Caltech Student', the Institute devoted its time and effort from all levels to a problem which its leadership must have felt was important. However, it seems to me that this is a fine example of the Institute's preoccupation with the lesser problems of our time and its apathy towards the great ones.

Probably far more biological damage is done to us by the polluted environment we live in than by the drugs we mistakenly consume. The wrong represented by our legal deprivation of millions of our citizens of equality thru an inadequate social welfare and educational system, and outright racial and ethnic discrimination, is far greater than that of the students flouting the law and ethics of our society by seeking thrills and escape via drugs. CQ, CQ

In terms of technology, Caltech is certainly well equipped to address the problems of pollution. The future stability of our society seems to demand that we

The lighting effects of technical director Bart Gordon, however, were excellent. Mr. Gordon well displayed the ability to produce different moods and settings solely through the use of lighting effects. Especially excellent were the sequences in the interior of the Castle, during the fire in the village, and during the closing scene of the musical. Indeed, the simulation of a sunrise could also be considered a highlight of the musical.

Marat/Sade

Thus, although with some faults, Producers Bill Drake and Vince Johns, as well as all the members of the cast and production staff, have the right to feel proud of the job they did. And we have only one question. "What is going to be next year's show?"

More Notices

(Continued from page 1)

THE HOT RIVET ARE COMING

Ads in the Hot Rivet are only \$1.54 per column inch. Ads are not subject to editorial discretion, but please remember a limited number of copies must go through the mails.

MCCARTHY SPEAKS

Senator McCarthy will be speaking at CalState, L.A. Thursday, May 23 (today) at 2:30 P.M. at Free Speech Area or Stadium. If transportation needed or offered, stop at room 1A in the basement of the old houses.

MCCARTHY CANVASSING

Weeknight and weekend canvassers are needed for the Pasadena area. Interested students, faculty members, or employees should contact Jim Preer, ext. 2542 (daytime); or Les Fishbone, 449-9166 (evenings); or George Tucker, 449-3738 (evenings).

THEY'RE GOING FAST!!!

The annual auction of stuff left at the Caltech Y's Lost and Found are still unclaimed will be held Wednesday next at 11 A.M. Drop by and see what you've been missing before then or else . . . Proceeds go to West-Martin Luther King Study Center.

work to insure the full development of each citizen as a part of it.

Yet the present efforts of the Institute in both fields seem small in proportion to the problem. I believe the leadership of the Institute must reevaluate our course in terms of these and other needs of the world we live in, or be prepared to find the torch of leadership we claim to hold in other hands.

Respectfully submitted,
Ken Heitner

Letters

"A Modest Proposal" by Nelson

Mr. Cooper and Mr. Stein have pointed out that the bookstore price policy has enabled the Institute to give the students a bookstore at no cost to the Institute Endowment Funds. This is wonderful because of the great convenience of the bookstore. The editors, contradicting their own reasoning, are in favor of giving a 10% discount on bookstore purchases as soon as the present loan is paid. I must point out that the Institute will be able to give us even more buildings if the present price policy is continued. I go even further. By adding a mere 10% surcharge on student textbook purchases, the Institute will be able to increase the Institute Endowment Funds which partially go to support the undergraduate population.

Erection

Folk-Rock Festival Leads Pop Festivals

J. Weber—D. Dixon

Since it is unlikely that there will be a Monterey International Pop Festival this year, a number of smaller festivals are being held in various parts of the country. Such a festival was held last weekend in northern California. The Folk-Rock Festival began on a hot Saturday afternoon with many of the top groups in the country. As was evidenced by the groups who performed, the blend of acid-blues is becoming very popular.

One of the lesser known groups was the Chrome Syrcus who played in a style that can be characterized as "STP" music. In addition to the usual rock equipment, they feature good flute work and a organist with an evident jazz background.

The highlight of the day was the four final groups. Beginning with the Steve Miller Band, the audience was treated to some extremely good hard blues with excellent guitar work. Their selections included "Stepping Stone" and "Fanny Mae" and was not at all like the experimental music as played in their album. Their album music involves studio electronic effects and strange voice and instrumental mixtures rather than the straight-forward blues of their show. Their performance was really fantastic.

The Grateful Dead mad an enjoyable departure from the normal series of "songs" and held an hour long jam session on stage. They began with two drummers and a long drum solo and then progressed into long

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This modest proposal has three benefits. With the old level of profits, the Institute can erect more buildings. Just imagine the pride each undergraduate feels, as he looks at the bookstore he helped build, magnified six or seven times. Secondly, the increase in textbook prices will cause the students to value their texts (and consequently their education) even more. Finally the increased profits can go into the Institute Endowment Funds and reduce the cost of education for undergraduates. The support of responsible student leaders (such as Mr. Cooper and Mr. Stein) should suffice to demonstrate the necessity of this surcharge to the student body.

With clumsy but sincere support,
Craig Nelson

involved guitar solos with blues singing interspersing the music.

Big Brother and the Holding Co. came on stage to a huge roar from the crowd. Janis Joplin, used more in person than the album, showed why she is considered to be one of the top female blues singers. Her slightly hoarse sounding voice has the perfect sound for the blues work that she does.

Finally, the Jefferson Airplane came on, contrasting Grace Slick's sophistication to Janis Joplin's fenzied performance. Beginning with the now classic "White Rabbit," they did many of the songs from their albums, plus a few others. Their best song was "The Ballad of You, Me, and Pooneil," which was accompanied by some extremely good guitar work with Grace giving a good portrayal of the song vocally. Then to climax the day, they finished their set with an exciting performance of "Somebody to Love."

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A sight to be seen no more . . . See editorial

"Deep Convictions Are Indispensable"

(Continued from page 1)

that students be given more say in these matters has certainly been sincere on the part of both faculty and administration. However, the differences implied by the great difference in size and the equally great difference in the homogeneity of the student bodies of Caltech and these other schools should also not be overlooked. I do not imply that these differences are all on one side or the other; differences do not have to be, indeed seldom are, all for the good or for the bad. Our smallness implies far lower disciplinary barriers, much more fluid arrangement of curricula, more visibility of what other students are doing, etc., than at these big schools. You may have talked to other campus leaders and formed the opinion that the big campus was rife with interdisciplinary bull sessions. My own experience was that serious math students talked to serious math students, serious physics students talked to serious physics students, and interdisciplinary bull-session students talked to interdisciplinary bull-session students, and campus politico-students talked to campus politico-students. (You might be interested to know that I've found a few interdisciplinary bull-session students and a few campus politico-students at Caltech, though very few.) The small size and homogeneity of our student body has obvious disadvantages but advantages as well. I have found that I can get down to meaty material and get a much more unanimous response here than was my experience at these other schools. When half of your class is not seriously interested in the material of the course, who are at school for the social life, spectator sports and a "degree," the serious students pay a price no matter how you approach your teaching. I doubt very much if Ph 1 and 2 are the same at Cal or Stanford for this reason alone.

The point I am trying to make is not that there is reason to choose Caltech over Cal or Stanford, but rather than such a choice is a many faceted thing. There are first-rate students that should come to Caltech; there are first-rate students, probably the majority when you consider that we are primarily a science school, who should not. That is why our Admissions Committee gives such serious and responsible attention to those who apply. Nor can we say that each individual that comes here, or goes elsewhere, has made the right decision. But I think that

if I were a young high school senior, vitally and long interested in say astronomy, if I found my greatest rewards in serious, solitary study, if I did not particularly feel at home on a super-campus, I would find Caltech an attractive place. Can you say there should be no place for such a person, a person whose chances are much higher than that of the average to make a significant contribution to the view of mankind toward the stars, and thus to the view of mankind ultimately toward himself?

Another issue that you raise is that of the social consciousness of the Caltech faculty member and the Caltech student alike. As you say, we are face-to-face with a number of serious social problems. But I do not see your implication that we should all drop whatever we are doing to concentrate only on these crisis areas. Consider, for example, the problem of the management of urban waste. You are well aware of air pollution problems, what about the pollution of our beaches due to sewer outfalls? That is not an urgent problem now because of the steady, long-term work of Caltech scientists—work deeply founded in social consciousness. Air pollution itself is understood because Caltech scientists care. A Caltech scientist put an illustrious career on the line to oppose atomic testing, winning not only the Nobel peace prize but, far more important to him, moving a step closer to a test ban treaty—a treaty, incidentally, to which other Caltech scientists contributed. I am myself constantly challenged and exhilarated by the significant social contributions of my colleagues. It is disturbing to see all this passed off by one of our undergraduates as apathy. Can you say that following the example of our administration leads to social apathy when our president is actively serving as leader of the Greater Los Angeles Urban Coalition?

May I tell you, Joe, how the problems you are discussing look to me? I must put this in a personal, way for that is how they look to me—as personal, disturbing problems. When I ask myself how can I best serve you students, I find that the deep convictions concerning the higher social values of my work, and the actualizing of those convictions in my research, are an important indispensable part. If I could put these convictions and this research aside to spend more time with my students and on my teaching, I would not have, and thus could not project to

you, the very social consciousness that you rightly claim is essential to the humanistic man. We at Caltech believe that active research is essential to the teaching of men like you precisely because it is the emotional drive that motivates the research that in the final analysis counters your change of social apathy.

There is, moreover, much of my time that I do spend in teaching and working with students. When I sit down of an evening to plan my next class, I struggle with the question of what to say. In my area, in particular, I think much of the material is of little intrinsic value; once my theory is complete it will bypass so much. But my theory is not yet complete, and a lot of the material I disdain is thought by colleagues on this faculty to be important. What balance in teaching the old or gesturing passionately about the new should I keep? I think you would be surprised at the number of anguished hours spent by members of this faculty in seeking, each in his own way, this balance. And when there is always that self doubt, the very self doubt that whispers "challenge" into one's ear, do not be too surprised that we too often tend to lecture on the same old stale material.

It is then that we so deeply welcome those students, and there are so many at Caltech, who come to meet us half way; those who pick up an idea when we know how ineptly we have put it; those who go right on with a project when a faculty

Fowler-Nominee to NSF Board

Caltech Professor of Physics William A. Fowler was named today as one of eight scientists President Johnson intends to nominate for terms on the National Science Board, Caltech President Dr. Lee A. DuBridge announced.

Dr. Fowler, who has been on the Caltech faculty since taking his Ph.D. at Caltech in 1936, is director of the institute's Kellogg Radiation Laboratory.

Spokesmen for the National Science Foundation said the appointments, when made by the

McCarthy Supp't

(Continued from page 1)

iversity communities across the country have responded to this call; those at Caltech are not exceptions.

This past weekend, Caltech people canvassed the northwest section of Pasadena and certain areas in Glendale. Most quickly learned that the canvassing technique has voter appeal, and they hope that many more from Caltech will jump on the bandwagon.

The local McCarthy headquarters at 29 South Garfield (792-2049), Les Fishbone (449-9166), George Tucker (449-3738), and Jim Preer (campus ext. 2542) are directing the Caltech effort, and can supply information concerning weeknight and weekend efforts to interested parties.

Politics of conscience

Politics of conscience is the hallmark of the McCarthy campaign. Those associated with it are indeed hopeful that this forthright approach will be successful.

meeting forces us to break an appointment; those who continue term after term to see through the tedium and somehow miraculously come out of it all with that inner spark still aflame. For at Caltech, and at Berkeley and Stanford and all the rest of our great schools, where ever you may be, education is a social contract between two very human beings—a student and a teacher. And the greatness of Caltech (and Berkeley and Stanford) is not in honors programs nor in responsibility for the whole man nor in an activist approach to social problems nor in all the things you mentioned. The greatness of Caltech lies in the fact that there are so many students and faculty who are anxious to sign that contract—a contract concerning ultimately the well-being of society—if through all the vastitudes of time and being human, they can find away.

Frederick B. Thompson

President, will be submitted to the U.S. Senate for advice and consent. The National Science Board is the foundation's governing body, and members serve six-year terms. There are 24 part-time members on the board.

Math Awards Presented

A junior and a sophomore have won Caltech's annual Eric Temple Bell and Morgan Ward mathematics prizes.

Michael L. Fredman, received the \$150 Bell prize for the best original mathematics paper written by a junior or senior. The prize is named for the late Dr. Bell, internationally-known Caltech mathematician and science fiction writer.

Jerry Feinberg was awarded the \$25 Morgan Ward prize. It is given to the freshman or sophomore who submits the best mathematical problem and solution—or significant contribution toward a solution. The prize is named in honor of the late Dr. Ward, also a member of the Caltech mathematics department.

The awards money comes from the winnings of Caltech mathematics teams in the national William Lowell Putnam Competition.

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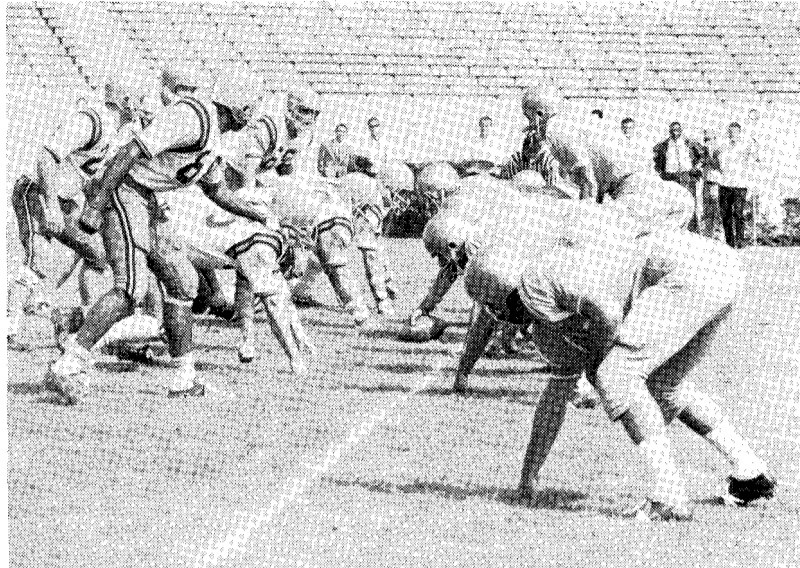
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TECH Sports

Page Wins Interhouse

Page Downs Flems, 13-7

Page House won the 1967-68 Interhouse Trophy on Tuesday as they downed Fleming in a touch football game 13-7. By this victory, they guaranteed themselves a tie for the overall football title and a clinch of the trophy as Fleming had to come out ahead of Page in football in order to win the trophy. In the Fleming game, Brown was outstanding for Page as he threw touchdown passes to Morgan and Ault. The Page defense hassled Fleming's quarterback Templeton and he could only get one touchdown scored—a pass to Burton.



Beaver football players look ahead to next year's season as they are getting in shape now. Burton is getting ready to get the hike from Vergin.

Athletic Awards Announced

The spring varsity, jayvee, and manager awards were voted on by ASCIT last week. The awards will be handed out at the award dinner to be held on Wed. May 29.

The dinner will be held as a barbeque at Tournament Park. The coaches will make speeches about their teams, usually in a highly complimentary manner. The teams will reciprocate by giving the coaches a gift—a random liquid.

The following awards will be made:

Baseball: John Frazzini, Jay Chapyak, Craig elberg, Lonnie Martin, Bob Firestone, Steve Savas, Alan Beagle, Gerald Eisman, Les Fettig, Mark Meldgin, Charles Creasy, George Wiltsee, and David Turner. Frosh Numerals to Gerold Adamson, William Delaney, and Jeffrey Sicherman. Manager: Edward Musgrave.

Track: Bob Tarjan, Simon Levinson, George Fox, James Stanley, Bill Butterworth, Tom D. Burton, Tim Tariff, August Schultz, Michael McDonald, Robert Antaki, Jim Andrew, John Cummings, Laurende Gagliani, Mike Ruth, Harold Petrie, Howard Tyler, Martin Smith, Leo Pilachowski, and Tom Blaschko. Managers: Dave Dixon, and Terry O'Neil. Frosh numeral to Alan Peterson.

Swimming: Henry DeWitt, Gregg Wright, Steve Johnson, Maartin Kalisvaart, Mabry Ty-

son, Robert Hall, Tom Davis, Jeffrey Rude, Mike Stefanko, Larry Watkins, Larry Hunt, Arnold Richards. Manager: Gary Yarbrough. Frosh Numeral: Larry Young.

Golf: Neil Holmes, Chris Reed, Jim Taylor, Mike Lindenfield, Jeff Larson, Sam Insana, Arunas Barkus, Larry Kesmodel, Mark Radomski.

Tennis: Varsity: Roger Davidheiser, Giles Duesdieker, Greg Evans, Martin Frost, John Healy, Glenn Prestwich, Craig Tyner. Manager: Jan Garmany. JV: Jim Crawford, Pete Zassenhaus, Mike Sperry, Don Smith, Keith Edwards, Doug Fay.

In overall football standings, Page is leading with a 5-0 record. Fleming is second with a 4-1 record while Lloyd is in third with 2-1, Ricketts is fourth with 2-2 while Ruddock is fifth at 2-3. Dabney and Blacker are tied for last with 0-4 records.

Evans Takes Scott Trophy

The Scott Tennis Tournament, Caltech's annual intracollegiate competition came to an abrupt end last Wednesday, as Greg Evans, fifth man on the varsity squad, emerged victorious over second man Guy Duesdieker 7-5, 7-5.

Some rather fine tennis was played between the two finalists, despite the fact that there was no appreciable crowd looking on. Evans, although nervous at times, played consistent baseline tennis, waiting for the more aggressive Duesdieker to commit errors in his attack.

The first set saw Duesdieker take a commanding 3-1 lead, with Evans having to bear with a strong offensive. Although a bit unsure, and plagued with double-

faults, Evans stayed back, played steady, and placed all of his balls in the court. The strategy worked; Duesdieker, vexed at the long rallies which were occurring, played still more forcefully, beyond his capabilities, and dropped the first set, 7-5.

In the second set, Evans continued his consistent mode of playing, adding a bit more power to his game. Duesdieker, who had taken it upon himself to play more defensively also, found that was strictly Evans' game. In the end, Evans' patience conquered Duesdieker's drives.

In addition to helping him capture the Scott Tennis Trophy, Evans' patience and determination have led him to several victories in league play.

Beavers End Season As Coaches Look Back, Ahead

Ending the spring sports season the coaches begin their plans for next year. There will be a football players meeting on Mon. May 27, at 4:00 p.m. in the gym lecture room. All returning members of the squad and any Caltech undergraduates not previously on the team, but interested in playing next season, are expected to attend. This meeting is mandatory as it is the last contact that he coaches will have with the team before Fall practice.

In an expected fantastic contest, the Caltech varsity football team has challenged the Varsity Basketball team to a game of basketball. An anonymous prediction has been made stating that "the football will slaughter the basketball team by outscoring them 2-1." The contest will be held in the gym on May 28 at 4:30 p.m.

Lonnie Martin was named to

the SCIAC All-League Second Team as a shortstop. Lonnie led the Beavers in RBIs, home runs, batting average, and in total hits. In other aspects of the baseball team, Frazzinni won three games this year and led the Beavers with a 3.32 conference ERA. Firestone led the Beavers in fielding making only 15 errors at his first base position. The Beavers are losing four seniors: Firestone, Frazzini, Fettig, and Chapyak. Only one freshman did well this year, Eisemann, who is considered to be the best defensive second baseman at Caltech in ten years. Therefore, Coach Priesler is looking forward to next year's incoming class.

Dave Schramm, at the Olympic Wrestling trials took 7th place in the freestyle and 6th place in Freco-Roman. Unfortunately his placing will not qualify him to represent the United States in Mexico.

Gutman Outlines Season

by Coach Gutman

Next Fall there will be many changes concerning the Caltech football program. The most radical change relates to the location of home contests. Next season Caltech will play all their home games on campus. The field will be located on the West side of the gym. Additional bleachers, public address system, and spotting platforms will be new for next year.

Saturday, November 9, at 2:00 p.m., Caltech plays UC San Diego on our home field. This game will be our homecoming game which will include an all campus social activity that evening. Any ideas concerning the type of activity are welcome.

For away games, rooster buses will become available for those Caltech rooters interested in following their team when they travel.

The football team itself will take on a different appearance. This will come in several ways.

The design and color of the uniform will be different; many of the players will be challenged by playing positions that they did not play last season; the defense and especially the offense will consist of different formations with many exciting plays.

The coaching staff is very optimistic about next year. We anticipate every football player of last season to return to the squad. The losing of experienced football players always has a negative effect on building a successful football team. We are also encouraged by hearing that some Caltech students who did not play on last seasons squad are interested in joining the team this Fall. We invite any sincerely interested undergraduate to become a member of the team.

Football is an exciting and challenging sport. The Caltech football player has challenged himself and is determined in taking that challenge on the football field.

DeWitt Named All-American

Henry DeWitt, the Beaver All-American swimmer, is working hard as he prepares for the Olympic trials to be held later this summer. Henry is working out with the L.A. Athletic Club (LACC). He spends approximately an hour and a half there and will swim 4000 meters.

During the regular swimming season, Henry swims for 2½-3 hours a day and will swim anywhere from 4000-7000 yards during this time. This conditioning has paid off for Henry. He holds the SCIAC conference records in the 50 and 100 yd. freestyle and the 200 yd. Individual Medley.

At the NAIA finals, he has won the 50 and 100 yd. freestyle

events both years. He has twice been named NAIA All-American and also NCAA All-American College Division. Other accomplishments have been his captaincy of both the swimming and water polo teams and a selection to the SCIAC All-League water polo team.

He is involved in other aspects of Caltech life as he has earned a 2.8 GPA in math and is a co-editor of the **Big t**, the campus yearbook.

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