Ricketts Returns As Interhouse Sing Victor

Ricketts House, directed by Bob Bloomberg and singing “How Lovely Is Thy Dwelling Place” and “All Ye Saints Be Joyful,” won the tenth annual Interhouse Sing contest held Wednesday, Feb. 27 in the Gym. A Ruddock House quartet, singing “‘Tis a Blue World,” “Hammer Song,” and “You Can’t Chop Your Papa Up In Massachusetts,” won the quartet competition.

Page House, directed by Jan Dash, and singing Lultadate Women Domini” and the Pilgrims Chorus from “Te Deum” placed second for the second year in a row. Ruddock House, singing “Amo, Amas, I Love a Lass,” (black is the color of My True Lover’s Hair), and “Gracias Agustin Tili,” and directed by Don Terwilliger, took third place in the choral competition.

Blacker’s Bing

Blacker House’s choral group, singing “Now Let Every Tongue Tho,” “High Bridges” from “The Early Missouri” and “Avem Verum,” placed fourth in the choral contest. They were directed by Bob Sweet. The Blacker quartet, singing “This Train” and “Good Old Mountain Dew,” was the second ranked such group.

A Lloyd House chorus, which sang “Summertime” from “Por­"y and Ben,” a choral adap­ta­tion of the poem “A Nun Takes The Veil,” and “Without Song” from “Desert Song,” placed fifth.

Fleming, after two years of preparation, entered a chorus directed by Don Blanken­stein, which sang “A-Roving” and “Polly’s Progress,” which took sixth place in the competi­tion. Dabney, although too busy eating to enter a chorus, entered a quartet, singing “Roll the Patrol Closer to the Curb,” “Banana Boat Song” and “T insel Street Blues,” and won last place in the quartet competition.

A special feature this year was the singing of several J. Kent Clark songs by a faculty “cho­rus” consisting of Dr. David Wood, Dr. Richard Sutton, Dr. James Knowles, Mr. Tom Huff, and Dr. Peter Fay.

The judges of the contest were Dr. Leland Green, who is co­ordinator of Musical Activities for the Pasadena Public School System, Mr. David Thoreson, and Mr. David Thoreson, (Continued on page 3)

Caltech Tops Nation In Putnam Math Contest

Caltech undergraduates ran away with the team honors in the 23rd annual William Lowell Putnam Mathem­atical Competition, involving 1,587 individual contestants and 157 teams from 187 colleges and universities in Canada, the United States and Canada, it was announced today.

The contest, sponsored by the Mathematical Association of America, consists of a written examination on problems covering general college mathe­mat­ics.

Caltech won first prize of $500 in team competition. Honor­ably mentioned as second and third in team competition, were teams from the University of California and Harvard University.

Caltech seniors Roger C. Hill and Kenneth R. Stolarsky re­ceived prizes of $35 each for being ranked among the second five in individual scoring.

Several individual contests were won by Caltech junior Alan Hind­marsh, senior Charles A. Ryavec and sophomore Kunene, who was a member of the winning team.

French Counsel Tells France’s World Position

Gerard de La Vilhun­nes, counselor of the French Embassy in Washington, spoke on “France in World Politics” in the Freshman Lounge, Monday night. Professor Alfred Sterne was moderator for the talks.

He described the French Consul in Los An­geles and the consul of Portugal. La Vilhun­nes described General Charles de Gaulle, Presi­dent of France. He described the French Consul in Los An­geles and the consul of Portugal. de Gaulle has been called the great French statesman of the 20th century, a strong man who has been called the great French statesman of the 20th century, a strong man who

Johnson, Hammer, McEliece Among New House Presidents

New House Officers are as fol­ows: Ruddock: President, Dave Hammer; Vice-President, Don Terwilliger; Social Chair­man, Bill Meisel and Bill Broste; Secretary, Murray Sherman; Treasurer, Dick McGehee; Athletic Managers, Steve Gorman and Mike Goospar; Librarian, Stew­art Davier.

Page House has chosen Jerry Thomas President; Dick Burgess, Vice-President; Johann Leu, Sec­retary; Jack Bouchamp, Roger Hendrix, Chuck Holland and Mike Lembert, Social Chairmen; Dave Ponner, Librarian; Bill Bowny, Tom Ross and Bob Bunker, Athletic Managers; Da­vid Holtz, Treasurer.

In Ricketts, Bob McEliece was chosen President; Fred McFarland, Vice-President; Ray Weiss, Da­vid Jackson and Lawrence An­ton, Social Chairmen; Ed McEliece, Ruddock, Secretary; Bill Meisel, Ruddock, Treasurer; Lee Wallace, Counselor; Ernie Butz, Elliot Bradford and Robert Howenstein, Social Chair­man; Allen Gillespie, James Crabtree and Larry Seile, Athletic Chairmen.

Two proposals for future Cal­tech PE, one dealing with a three year program and another, a modification of the first, present­ing a two year program, were presented to the joint meeting of the faculty Educational Policy­ies committee and the faculty PE committee in Chandler Din­ing Hall last Monday at noon. Both programs call for grading PE classes and eliminating PE credit for Interhouse athletes.

The major proposal is a three year program which varies the “Ultimate Program” or the “optimum program.” The two year proposal is essentially the same as the three year pro­gram, it differs only in requiring the student to take one year of PE class electives instead of the “Pass/Fail” system.

Three Year Proposal

The three year proposal calls for students to have to enroll in PE in every term until they have received a total of twelve terms of passing grades (six in the two year program). Students will be graded on “pass” upon ability and improvement; effort, attitude, and attendance would be considered only as they affect the above items,” according to the description. Unit credit would range from two units for classes to five units for inter­ collegiate athletes. The PE grade is intended to be included in the GPA and the same as for all other subjects. The program notes that “Seniors who enroll in more than one PE course per semester require accounts of the following for each course: the PE department directly feels this to be no problem, however, for the next paragraph notes that “it is in­ tended that the present vigorous and improved program will continue.” This means that a student would have to go out for Interhouse as well.

The objectives of the so-called three year program are to en­courage the undergraduate with the opportunity to obtain physical fitness; to know the competition, cooperation, and self-discipline succeed in an organ­ization; to become familiar with various physical education activities; to become competent (Continued on page 4)

New PE Program Offered

No Interhouse PE

As far as Interhouse athletes are concerned, few words are spent with them. The program notes that Interhouse participants would be in the present vigorous and improved program would continue. This means that a student would have to go out for Interhouse as well.

The objectives of the so-called three year program are to en­courage the undergraduate with the opportunity to obtain physical fitness; to know the competition, cooperation, and self-discipline succeed in an organ­ization; to become familiar with various physical education activities; to become competent (Continued on page 4)
Don't Grade PE

The new PE proposals presented for consideration by the faculty have caused considerable controversy on campus. Though one of these plans incorporates a major revision which the Tech has been supporting for some time (changing the PE requirement to two years), both include provisions which are impractical, and against the direction we feel PE should take at Caltech.

The first of these provisions is the grading of PE, and its inclusion in the GPA. Physical education is non-academic and its primary purpose is not to prepare students for college or a career, as is the purpose of academic subjects. No student should be penalized on his GPA, and thus have his future jeopardized, because he is unwilling to put his "all" into PE. There are several universities (such as Berkeley, a favorite of Tech physicists) which set arbitrary limits on an applicant's GPA, but no student has the luxury of his chance to attend there. A GPA lowered by PE could also deprive some student of his scholarship (requiring a 2.5) or prevent him from being eligible for the Junior Travel Prize.

Grading is also bad since it would be almost impossible to grade objectively. Whether one student's enormous improvement in a year is equal to an improvement that another student made, is unfeasible to judge objectively. And, in addition, no more should a career, as is the purpose of academic subjects. No student without penalizing a student for not giving his best effort to his grades objectively. Whether one student's enormous improvement in a year is equal to an improvement that another student made is unfeasible to judge objectively.

The reason given for grading PE is to make it "more businesslike," that is to require everyone to work in PE and to prevent some students from avoiding the PE requirement by doing no work. This objective could be accomplished just as well by grading PE on the desired points without including it in the GPA. Thus a lower limit for effort, cooperation, etc., could be set without sacrificing the educational quality of PE.

The second major fault of the PE program is the elimination of credit for Interhouse sports. Without credit for Interhouse, the turnouts for each sport would be drastically reduced, both because people would no longer have the time to devote three hours a week to PE and five hours more to practicing for upcoming sports and because many students simply wouldn't participate without credit. The only results of eliminating credit would be either the virtual elimination of Interhouse competition, with the consequent drop in House Spirit, or the changing of this competition to become more like Discobolous, with contests played with little or no organization or practice.

The reason for eliminating Interhouse credit is because Interhouse sports are hard to grade. The solution to this problem is obvious: don't grade them.

In addition to the basic faults of the program, however, there is an even greater problem: determining the proper aims of the PE at Caltech, and what demands should, not can, be made upon the student.

Caltech is a school which has one of the most competitive atmospheres in the world. One of the greatest benefits of this present PE program is that it allows a student to go out and relax by participating—for enjoyment and recreation—in sports of his choice. Grading PE would not only entirely eliminate this advantage, but add to the already keen competition, reversing its effect.

Another prime purpose of PE should be to acquaint the student with sports in which he can continue to participate during his college years, and thus the student should not be forced to devote all his energy to becoming a master of each. He should be introduced to the sport and allowed to participate to the extent he individually desires.

As far as what Caltech requires of a student, our "you do it yourself" attitude has not been forced to devote all his energy to becoming a master of each. He should be introduced to the sport and allowed to participate to the extent he individually desires.

We stand in favor of a two year physical education plan, preferably with expanded facilities, but otherwise the same as at present. Grading should continue purely on a pass-fail basis.

Richard Karp

Page Two CALIFORNIA TECH Thursday, March 7, 1963

Letters

Bronx Cheers

Editors:
The conduct of the men of Rickets upon winning the Inter­house Slam is inexcusable, being especially distasteful and inappropriate for a formal pub­lic. As the editors of the Caltech student, we deplore a disguised and potentially dis­tant usage of the Caltech student. House spirit is to be en­couraged; however gross vulgar­ity, for the sake of vulgar­ity alone, is entirely different. Many assume that there are some students on this campus whose attitude is quite different from that demonstrated by the men of Rickets. We firmly believe that the "Ricketic Cheer" is completely out of place at any formal occasion, such as Interhouse games.

Tom Williams
Gary Bormann

Piano Smashers

Editors: It took 10 minutes 41 seconds (or so) to prove students' stupidity, as I am finding, in this time, a piano, an instrument built up on "pep," in its longing and love for the beautiful and harmonious.

One makes many excuses for the "pep." The "pep" is the "energy" of this "show" of senselessness, the symbol of every administrative official (GPA), brands you as the stupidest of the stupidest.

In contrast, you do yourself a violence to the "pep"—you are a "highly developed" country, in a most advanced age! It seems the "evolution" you are the proud exponents of (sic), is so long in going back to the age of the "pep"—

"How great you are," "gentle­men!"

You aren't helping digging the grave for your own civilization — as Mr. Krushchev's Trojan horses,— you are putting the axe to it—

"Dreadful fools! No wonder the world detests you! And turns its back on the "way of life" you represent.

One of them is Mr. Knapp, B.C. Comadena.

P.S. First letter of this nature to leave my house, but I have rarely ever been so disgusted, as when viewing the action of your "pep" in the "academic" level, in being fully fledged juvenile delinquents, glorified.

Mr. Knapp

Horton Speaks On New Arab Movement

"Egyptian leadership may make Arab union possible," Dr. Ali M. Horton, who visits Caltech, outlined the forces at work in the Arab world and the possible developments there.

Egypt serves as a model for the other Arab states. It represents a genuine revolution in which real economic forms and social changes have taken place (relatively bloodlessly). Egypt also provides a psychological reaction to Syria and Iraq, which are the symbol of Arab nationalism. The British, Saudi Arabia, and the U.S.A. represent the possibility of Arab union and as the symbol of Arab socialism.

The brief union of Egypt and Syria illustrates the many problems facing any union. First, there was the reaction of the upper Syrian class (who are more concerned with their personal gain than the national interest) to the land reform and the socialist laws. Coalition with the three and one half years of union — was an economic depression of the union. Ironically, the economic end was after Egypt is a politically stable country; her agriculture is by irrigation and this fact demands centralization, and creates a certain amount of social mobility; and she has a population pressure. In contrast, Syria has a rain agricultural society; agriculture is by irrigation and this fact demands decentralization, and creates a feudal atmosphere. Consequently, Syria is a politically unstable, but does not have the economic or population problems that Egypt has.

A further reason for the split was the emergence of Syrian nationalism. The Syrians resent­ed Egyptian domination in the union that did not respect "The Syrian personality." Consequently, any further steps toward Arab unity will probably be on the federations rather than unions.

Richard Karp

Everything's Finest

I would like to briefly clarify my position on fines of Student Houses, as I did not sign J. C. Simpson's editorial of two weeks ago.

I believe the main reason that I did not sign the editorial was not that I completely disagreed with it. It was simply that I did not get a chance to read the editorial before it was printed and, therefore, did not get a chance to make changes in it.

I feel safe in assuming that I would have made some changes in the editorial—J. C. and I very rarely completely agree on anything. Whether or not I would have changed the points of the editorial that seem to be undergoing more argu­ment than the main point is a moot question—I cannot be sure of my feelings two weeks ago.

However, on the main issue of the editorial—that of an administrative official taking free to fine the Student Houses when he pleases—I am in closer agreement.

It is my belief that the Student Houses can be fined (not for payment for damages, which is something else) only by the Senate, as the "advice and consent" as the Senate terms it, of the IHC.

The function of the Interhouse Committee is to set standards for the conduct of its members and to carry out all penal­ties. This is a power that most "Inter-Fraternity Councils" or "Inter-Dorm Committees" have at other schools and do carry out. It is not within the capabilities of administrative officials to usurp the students, right to set their own standards of living and to enforce these standards themselves.

In summary, I do not feel that there is justification for any fines and I am not. Manners are to be left to the IHC, and when they get bad, it is the IHC that is to penalize for them.

Richard Karp

Three Given Sloan Grants

The Alfred P. Sloan Foundation announced today the awarding of three research grants to three scientists at Caltech. W. Barclay Kamph, professor of geology; Alan T. Moffet, research fellow in chemistry and Richard Robinson, professor of physical chemistry.

Dr. Kamph received a two-year grant in geoch­emistry and geo­chemistry. His work is in the field of flow of glaciers, the study of rock structure, and the atomic structure of rock and crystals. He is undertaking a program of research into the nature of recrystallization phenomenon in solids under stress, such as gla­ciers.

Dr. Moffet was awarded a two-year grant in chemistry. His research will be on the development of a new method for determining the type and magnitude of wave disturbances in a fluid.

Dr. Robinson received a grant which will support his study of the effects of changes in the earth's magnetic field on the rates of radioactive disintegration of the earth's rocks.

Richard Karp

Letters

Late Edition

Editors:

News Staff

Buzz Bernstein, Chloe Weiss, Wally Oliver, Don Green, Ken Kinball, Wally Oliver, Denis McCready, Ray Flint, Dave Seb

Feature Staff

Rodger Whitlock, editor

Sports Staff

Jim Holle, Jon King, Greg Mount, Eric Knapp, Rodger Whitlock

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Managing Editor: Alan Hohndorsh

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Editors:
The tentative plans of the Physical Education Department for modification of the current four year P.E. program have been brought to the attention by a number of indignant undergraduates, and I have been asked to make some comment. It seems to me that many of the steps proposed are in precisely the wrong direction.

I should hope that the object of a P.E. program would not be the acquisition of specific "motor skills" which would, I suspect, decay with a rather short half life after completion of the program, but rather that it should be to interest as many students as possible in sports as a form of recreation to be continued long after graduation. It seems to me that we now have an excellent opportunity to design such a program if the present staff and facilities, or even some what expanded, could be used for only half as many students as are in the present program. It should then be the responsibility of the P.E. department to make the program attractive enough to really arouse the interest of as many students as possible in at least some sports, and the enhanced interest in outdoor activities in a two year program should permit the individual student who is interested to obtain much more instruction.

Also, if indeed it is to be the intent of the program to promote recreational sports, the Interhouse competition should remain an integral part of the program, rather than be undercut in the modified program.

Finally, I think it is probably true that there are some people who will not make more than a minimum effort in any program, no matter how well designed, and who will not participate in sports after graduation. This should simply be accepted as a fact of life, albeit with some regret. The entire program should certainly not be built around a plat to force these people into active participation at the expense of an enjoyable program for the rest of the students.

James E. Davis, Research Fellow Division of Biology

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Editors:

The recent discussion over the Physical Education program has shown that students in general do not want a four-year required P.E. program. This does not mean that we want to take away an already bad program but the student knows that the required program is a two-year cram course. I am surprised that the P.E. department's recent plan did not include a three-hour closed book final on the general topic "Is Circulatory-Respiratory Fitness Good?"

Most students agree that the proposed plan entirely misses the point. In fact, nobody wants a P.E. program at all, but most would be willing to suffer through two years of the present program. Furthermore, the students who go out for Interhouse sports work at least as hard as most students in any of the P.E. programs.

Larry Rabjohn

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Editors:

Proposed are around a plan to force these people into active participation which would, I suspect, decay with a rather short half-life after completion of the program, rather than be undercut in the midst of all the discussion of grades and interhouse sports problems. I can see that the faculty have the right and the power to require students to look after their health and physical welfare, but this would take place only at the expense of the students' freedom as mature beings to do as they wish, within reason, in the non-academic areas of their lives. It is my opinion that the physical education program should make available improved facilities and instruction, but I think it should remain up to the individual student to decide, without being in any way penalized for his decision, to what extent and with what degree of personal commitment he wishes to take advantage of the available opportunities. This would be consistent with the freedom and the responsibility which the student enjoys in most areas of campus activity.

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Larry Rabjohn

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Editors:

A great deal of constructive discussion was taken place before the faculty can make a decision on the future form of required physical education at Caltech. I have noticed with alarm that many of the points of the program are discussed, a number of assumptions which ought to be seriously questioned are included in my without question as being correct.

In particular, the viewpoint that the Caltech physical education program should place emphasis in the direction of encouraging voluntary participation has been almost totally ignored in the midst of all the discussion of grades and interhouse sports problems. I can see that the faculty have the right and the power to require students to look after their health and physical welfare, but this would take place only at the expense of the students' freedom as mature beings to do as they wish, within reason, in the non-academic areas of their lives. It is my opinion that the physical education program should make available improved facilities and instruction, but I think it should remain up to the individual student to decide, without being in any way penalized for his decision, to what extent and with what degree of personal commitment he wishes to take advantage of the available opportunities. This would be consistent with the freedom and the responsibility which the student enjoys in most areas of campus activity.

Larry Rabjohn

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Editors:

Interhouse Sing

(Continued from page 1)

Music Director at PCC and Orange Coast State College, and Miss Prisciella Remeta, who directed the Caltech Glee Club last year.

Refreshments were served afterward by the Caltech Service League.

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Editors:

One of the seven golden keys to brewing Budweiser

Best Barley Malt

Premium-priced barley malt—the best money can buy—is one of the keys to that satisfying Budweiser taste. One more of the seven special things we do to make your enjoyment of Budweiser even greater!
**DuBridge New Board Member**

Dr. L. A. DuBridge, president of Caltech, has been named by President Kennedy as one of five new members of the Distin-
guished Civilian Service Awards Board, which will recommend persons to receive the Presiden-
tial Medal of Freedom.

The medal will be awarded to the President by a person who has made exceptional contribu-
tions to the security or national interests of the United States, to world peace, or to culture or other significant public or pri-
ate endeavors.

Dr. DuBridge was appointed to a four-year term. Other new members are Henry Cabot Lodge, former U.S. ambassador to the United Nations, to a five-year term; Samuel J. Newhouse, pub-
lisher, for three years; Mary McGroarty, journalist, two years; Arthur J. Goldberg, associate justice of the Supreme Court, one year.

The appointees are an expen-
sion of the Board, which former-
ly consisted only of members of the Executive Branch of the Government. Still on the Board is Attorney General Robert F. Kennedy, Secretary of Labor W. William David 
ness, Secretary of Health, Education and Welfare Anthony J. Celebrezze, Under
Secretary of Defense George W. Ball, and Deputy Secretary of Defense Roswell L. Gilpatric.

**Sloan Awards**

(Continued from page 3)

year Sloan fellowship in radio astronomy will be granted to 
other radio astronomers, mapping the bright-
ness patterns of radio sources in space.

Dr. Robinson, recipient of a one-year Sloan grant, is doing basic research dealing with the study of 
the transport and multiplication of 
energy quanta in molecular 
aggregates, special refer-
ence being given to crystalline 
solids and photosynthetic sys-
tems such as plants and green algae.

One purpose of the research to try to determine the effective-
ness of purely physical processes by which low-energy quanta can be converted into a single high-energy excita-
tion. Such a process might prove to be an important step in the 
conversion of sunlight into chemi-
cal energy in green plants.
From Other Campuses
By Jace

“The recurring rumor that Mathematics 100 funks veritable hoardings” was debunked Monday by Professor Arlen Brown and Richard O’Neill, instructors of the course,” reports the Rice Thresher.

“In an interview the two Math 100 instructors described on a broad range of topics of general interest, and revealed the true complexion of the course...”

For those who are interested in the minute percentage that did poorly, the Thresher simply noted in a little box that 40% of the freshmen got D’s or F’s. Certainly a problem!

New Higher Prices

Oxy has interesting complaints about their bookstore. One writer in the Oxy News letter to the editor that “To realize the acuity of the bookstore staff one must only observe their newest operational procedure. They have announced the ‘Plan for Higher Book Prices.’ Using this plan they will bolster their reputation of being as tough as they dare warrant buying a new computer to help them control a system that will make the bookstores even better in the future.”

SAGA Conspiracy

“The Western Tide has a little note on its front page. It reads that ‘A change of hours for the Tide has been announced by Cletus McGrath, SAGA Grand Master,’ followed by a dwindling hall... 11:30 will just open Friday nights or weekends.’”

SAGA has a match for the submission of meeting the desires of students.

Western Suede

Closing the snack bar has one advantage; however, it will give Cal Western students more time to enjoy their favorite sport. Another article in the Cal Western Voice was published: “Out in the ocean! It’s a sub-marining? It’s your imagination? No. It’s a beach. In other words, a California gray whale.”

The captain under the accompanying picture of a whale’s tail monstrous-shaped with the natural migration of California gray whales is something few Westerners think of during mid-winter months.”

Lent = Lease

Louisiana State University wasn’t concentrating exclusively on whales but they were suitably moved by the arrival of Lent to mention in last week’s Driftwood. The ears in this abnormally dry time of the year fancy Freewood reflect LSU’s ardent religiousness by noting: “The editors have given up the letters for Lent... Next week, we give up Lent.”

Students at Virginia Tech have no less high-minded thoughts, however. The selfsame son of VPJ drove all the way to Roanoke early in February to take the Peace Corps test. The reason, as he remarked, was that “there’s supposed to be a pretty great need for medical work. I’ve been reached in the Peace Corps, and since one is better than none as far as I see it, it seems a natural for us.”

“Unfortunately, we never got to take the test. Thirteen showed at that small room in the basement of the big Post Office Building in Roanoke, we being number 12, and they only had ten test booklets. They couldn’t understand it; they had never had more than five show up before. Numbers 12, 13 were kindly asked to come back in March.”

Go In Peace

All was not lost in the trip, however, for an observer remarked, “they might not have us in the Peace Corps anyway. We got a little carfare when we filled out our 8 page questionnaire for them. Like where it said ‘Country To Which You Wished To Be Sent And Why,’ and we put ‘Switzerland because of the social customs,’ and where it said ‘Type Of Business Your Father Is In,’ and we put ‘homing.’ We felt we might as well let them know right away what was in store for them if they let us.”

In reality the problem is probably closer is where would the Peace Corps put a schizophrenia, or why singular people write plural letters.

Fifty Miles!

The problem of plural persons is more widespread than VPJ, however, it also turned up in the Southern Phoenix, where Ed Ayres was telling his own story how, according to the Phoenix, “he was walked, and staggered 105 miles from Harbursboro, South Carolina (God knows why) in a ‘record’ time of less than 24 hours.”

Ayres begin this Sunday, but as the tale of his saga progressed, he suddenly switched to the singular for the last hundred miles of his momentous trek. It must have been too hard for all but one of them.

Other selections were similarly inspired by President Kennedy’s recent eulogy, and though none yet topped Ayres’ valiant march, many have come close to or until the true Teddy Roosevelt spirit.

More Marchers

Two trios at William and Mary have recently set out to prove that they could better Bobby Kennedy’s record of 17 hours for fifty miles. The first trio began their march (consisting of 28% round trips on a predetermined course) in the evening and were marching gruellingly in the cold, wet weather when they were attacked by a band of “louies’; unfortunately, they had to call off their excursion after the police hauled in the offenders. The other group, beginning the following morning, was more successful and managed to beat Bobby Kennedy by 1 ½ hours.

More Millers

The marching disease has spread even to the West Coast, and shows no sign of abating. The staff of the Redlands Bulldog after backing down on a group of 6 to walk 63 miles to an Oxy basketball game, showed good intentions by promoting further their public by marching 35 miles to a Pomona game. Concerned that their proposal had not been well received, they marched the 65 miles to Oxy in one stretch, two staff members included. “We chinks,” the group now intends to march the 55 miles to Pomona “dimbuling, painting, and carrying a basketball to be presented to the Most Wanted SCIAC Cheerleader.”

The original refusal has disillusioned many faculty members.

(Continued on page 6)

English,

Wherever you go, you look better.

How to be colorful — without overdoing it.

Collecting, no we’re not delivering.

Faculty Approves Plan: “Rotation” To Be Used For Next Year’s Frosh

The following motion was passed unanimously on March 5, 1963, at a meeting of the Faculty Committee on Student Houses.

The Faculty Committee on Student Houses approved the institution of Placement of Freshmen proposed by the Interhouse Committee on February 25, 1963, providing the new IHC (64-65) develops a set of specifications for the administration of Visitation Week which is acceptable to the Faculty Committee on Student Houses.

The rotation plan proposed by the IHC, and passed by the Faculty Committee, is printed below.

“All freshmen will be assigned to a House for temporary living by the Master of Student Houses, and with suitable compensation for disproportionate numbers of freshmen assigned to each House. The Houses shall select freshmen in turn, the initial ordering of the seven to be designated by the Master, and with suitable compensation for disproportionate numbers of freshmen assigned to each House. If, for example, one House has fifty per cent more freshman than the other six, then that House shall select two freshmen on the second round and so on every other round.

“Special selection procedures reach a point where the choice (Continued on page 7)
Caltech's Varsity swimming team successfully defended its team title in the SCIAC Relay meet held at the Claremont-Harvey Mudd pool last Saturday. Trent scored 63 points to defeat runner-up Occidental by 16 points. On the way to their sec- ond consecutive meet victory, varsity swimmers won three of the five relay events, placed sec- ond in one and third in the other. The team of Ted Jenkins, George McLean, Dave Belt, and Bruno Chesnelo also established two new meet records, taking the 200 yd. freestyle relay in the time of 1:29.1 and the 500 yd. freestyle relay in the time of 4:17.3. The old records were 1:30.2 and 4:54.4, respectively, set by Caltech teams last year. John Manning, Mike McGinnis, Allan and Walt Paciorek led men's team finishes third in the 200 yd. butterfly. And the 10 yard breaststroke relay.

The men's team placed second in the meet, losing to Occiden- tal 54-9. The frosh could win only one event; Phil Graul, John Walter, Bill Owens, and Steve Dechanel took the 200 yd. backstroke relay in the time of 1:56.6, erasing the old meet record of 2:00.6. In the 400 yd. medley relay Owens, Pat Miller, Rich Nelson, and Larry Anderson set a new school frosh record while finishing second with the time of 3:56.4. The frosh also finished second in the 200 yd. butterfly. Breaststroke relay and third in the 200 yd. and 500 yd. freestyle relays. For more detailed information, get your copy of Bell System's ultra-high quality standards, extraordinary microwave transmission. For more detailed information, get your copy of Bell System's ultra-high quality standards, extraordinary microwave transmission.

**Swimmers Defend Team Title**

**Fleming Leads Discobolus Race; Stretch String To Four Wins**

Fleming has climbed from sixth place to first place in the Discobolus Trophy race within the last three weeks. The streak of four swimming victories started when Dunby lost to Fleming's ping pong pug. Ken Stor­ lok, Don Green and Dick Stanley won three of the four singles matches. Dick Darcy and Tom Blacker was the lone Dunby viceroy. Fleming then successfully de­ fended the trophy against Black­ er in the final meet. Darcy Blacker forfeited the match in the fourth quarter with the final score standing 43-2. Fleming's winning was the result of the Men's general hustle and ofjom's (free shooting by Roger Kurz, Dave Fenski, and John Nady. The Blacker five were led by Steve Teigland and Art John­ son's). Fleming successfully defended the trophy a second time when they beat Lloyd 240 in a foot­ ball challenge. Sparked by Jim Parma's free play at offensive and defensive halfback, the Fleming team intercepted four passes and held the Lloyd team to two first downs. Fleming scored two touchdowns in the 40 yard and two on the ground to tally the victory.

Fleming then defended the trophy against a Page swimming challenge, 24-12. There were four 50 yard frees, the 100 yard free style, the 50 yard breaststroke, Mel Stephens of Fleming took first place in each free style events, and won 11 points during the meet. Dave Jarvis added 7 more points to the Fleming score. Larry Rach­ owitz and Dave Palm took first place in the 100 yard breaststroke event for Page. The Discobolus standings are:

<table>
<thead>
<tr>
<th>Location</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fleming</td>
<td>14</td>
</tr>
<tr>
<td>Dunby</td>
<td>10</td>
</tr>
<tr>
<td>Lloyd</td>
<td>15</td>
</tr>
<tr>
<td>Rudder</td>
<td>12</td>
</tr>
<tr>
<td>Blacker</td>
<td>6</td>
</tr>
<tr>
<td>Ricketts</td>
<td>3</td>
</tr>
</tbody>
</table>

**Tennis Players Overcome Oxy**

The Caltech varsity tennis team rolled to another victory last Saturday with a 7-2 win over the Occidental Tigers. The Bever­ ries, with Dave Owen returning to the line-up, looked very im­ pressive in winning four singles matches and sweeping the dou­ ble matches against the Tigers' court. With seven league con­ tests remaining, the Technicians have good chances to take the second place and possibly even the league championship if their im­ provements continue. The win over Redlands two weeks ago mapped Redlands' string of 10 consecutive league victories.

**Wrestling Team Downs Claremont**

The Caltech wrestlers con­ curred their season more than a week ago by beating Claremont. No losses in 17 meets. The main started with Alda Toshima wrestling at 123. Alda was ahead of his opponent at the end of the second period, but was pinned by him at the begin­ ning of the third. Dick Mc­ Gehee was foiled from getting a take­down after executing a move go­ behind, and went on to lose to the Claremont. Wrestler by a decision. Larry Wolken wrestled a very spirited match at 131, and pinned his opponent. Chuck Palmer and Dave Falc­ coner both beat their men by una­ tion. Dick Mc­ Gehee got his oppo­ nent on his belt for the sec­ ond and third period, but was unable to turn him over. Dick Mc­ Gehee picked up points into dou­ ble digits, but also was unable to get a pin. Andy Kampe wres­ tled heavyweight and pinned his opponent quickly. Ken Konza and Walt Facolore wrestled ex­ hibition matches.

**French Position**

(Continued on page 5) A separate nuclear force would be advantageous to France. Now France would not be a third nuclear force but an integrated part of Western defense. La Vil­ lebrun said that France does not want to free herself from dependence on the U. S. which would tend to make France complacent. He said, "We want to become the United States of Europe," and does not wish to miss the opportunity.**

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Tech Trackmen Crush Biola In Dual Meet

In a combined fresh and varsity dual meet with Biola Bible Tuesday, Caltech swept all but one event and scored a tidy 142 to 10 for Biola. Top scorer for the Beavers was freshmen Doug Gage, who won four events to give Biola 34 points, outing the entire Biola team.

Outstanding performances of the meet were Ken Brown's 2nd-second in the 100 yard dash (11.3 seconds) and Gage's 5th-place in the hurdles. Ed Lee won the 800 yard run easily in the good time of 2 minutes 5 seconds, and George Haske threw the discus 137 feet. Many events on both the track and field were hindered by high winds and weak competition.

CHM Wins

Caltech succumbed to CHM in a dual meet Thursday a week ago by a score of 88 to 52. Caltech won one event, performed better as individuals, however, than against Biola. Ken Brown ran 10.6 flat for Biola, Steve Garee vaulted 12 feet 9 inches, and Ed Lee ran the mile in 4 minutes 49 seconds. Bill Schoene tossed the javelin 182 feet, and George Haske threw the hammer 171 feet. Caltech led in the relay until the final leg, which the Beavers covered in 49.3 seconds. CHM's great sprinter, Marvin La Rock, ran an easy day as he won the 440 yard dash in 48.4 seconds.

The next meet will be relays at Claremont early next term.

Rotation

(Continued from page 8)

Editor's note: This week's column is a review by Richard Karp of a series of seven records released by the Tech. This is for the week only.

The "Mercury Hootenany" display at the right is a composite picture of seven folk-singing groups that Mercury Records is releasing for the first time. The series is seven separate albums, but they are being released together in an apparent how to the flooding number of folk-song enthusiasts in the nation.

Ernie Sheldon and Joyce James in "Songs of Laughter, Beauty, and Song" are probably the best of the new groups (MG20781-SR9781). I am informed by C. Simpson that side one of this album is worth the price of admission alone. Probably the best song in the entire album is "The Day After Tomorrow," the first song on the first side.

In general, the second side does not meet the same standard as the beginning. The write-up on the back of the album waxes somewhat exuberant about some of the songs on the back side, but this is to be expected and, as usual, ignored. The praises for the beginning of the record are, however, well-merited, and make its purchase worthwhile.

For Josh White fans, "Josh White—the beginning" presents some of Josh's early songs (MG 20724-SR9774). The beginning song on the album is "In the Evening," sung in the Josh White style, which is considerably different from a rendition of the same song by Pete Seeger. Other songs on the album are "Key to the Kingdom," "Howlin' Wolf," "Joe 19," "How Bay's, Can't You Line 'Em," "Evil Hearted Man," "My Father Was Husband Man," "Blues Come From Texas," "Sit Down Servants," and "Lilib." The album should be welcome to all old and new Josh White fans.

"The Funny Side of the Smothers Brothers—think ehit?" is the "comedy/folksy song reissue" in the series (MG20775-SR9775). The album includes some very funny mimicking of folk-songs, including "Black Is the Colour of My Love's True Hair" (I) and "My Old Man Is a Refrigerator Repairman." Although the album suffers from a general heavy-handed nature of comedy in the dialogue, the singing is considerably enjoyable. Perhaps worth purchasing the record for real folk buffs is the song entitled "Venezuelan Rain Dance" on the Jack-et let sound surprisingly like "Hava Nagilah" to a slow beat.

Perhaps the most promising group, as far as singing ability, Innman and Ira, with their album "Dancing Skyline" for the New Generation." (MG20778-SR9778) The title, of course, has no connection with the contents of the record. Although the group is the most promising, the album is not the best. The primary reason for this is music selection. A demonstration of this is the apparent concern for children's songs. Two bands, one called "Julie" and the other called "My Dog's Bigger Than Your Dog," give a dynamic demonstration that Innman and Ira were not meant to sing children's songs. With a better selection of songs, however, this disc could probably come out on top.

The next new group calls themselves the Couriers, and their first album is "The Couriers Carry On." (MG20772-SR9772). While this group does not come anywhere near the Mercury Paisley in releasing a group of teenage folk-singers recorded by the "Hit-Trunk Achievement Company" and sounding just like the name implies, they still have some ways to go before they reach perfection. The songs that the Couriers sing range from "Sing Hallelujah" to "Vagueny Uashu."

The last new group is the Knob Lick Upper 10,000. (MG 20766-SR9766). The album takes pains to note that "Knob Lick is a town in Kentucky. Upper 10,000 is translated from a German term meaning 'gentry.'" So there, Ripley!

This group is a new entry into the bluegrass field. Although their arrangements differ somewhat from the traditional groups, the songs are generally well done.

The last album is titled simply "Best of the Couriers." (MG20781-SR9781). It is a collection of the early songs of thea foremost group, but some expected, will probably be snapped up by bluegrass fans. There is a rather coy dialogue on the back with the writer asking long questions and Earl Scruggs answering with words like "Yeah, a lot of nice people helped us." This should not stop one from purchasing the album, however, as it is a good selection and very enjoyable.
Richness Shown in Fatal Disease

Herein lies another comment on those seekers of fortune—men who came to Tech because a sheepskin from such a school insures a few more dollars. This article was sent to the California Tech by the American Machining and Foundry Company (Bowling Division). A word to the wise:

"In 1923 eight of the world's most successful financiers met in Chicago. They were men who had the secret of making money. They were:

- The President of the largest independent steel company.
- The President of the largest gas company.
- The greatest wheat speculator.
- The President of the New York Stock Exchange.
- A member of the President's Cabinet.
- The greatest "bear" in Wall St.
- Head of the world's greatest monopoly.
- The President of the Bank of International Settlements.

"In Milwaukee, that same year, a champion was crowned at the 22nd Annual ABC Tournament, the world's most important bowling tournament.

"AMF bowler Evelyn Teal, who was born in 1923, did some research and found out where these men are, forty years later.

"The President of the largest independent steel company, Charles Schwab, died bankrupt, living on borrowed money for five years before his death.

"The President of the largest gas company, Howard Hopson, became insane.

"The greatest wheat speculator, Arthur Cotton, died abroad insolvent.

"The President of the New York Stock Exchange, Richard Whitney, was sentenced to Sing Sing Penitentiary.

"A member of the President's Cabinet, Albert Palt, was paroled from prison so he could die at home.

"The greatest "bear" on Wall Street, Jesse Livermore, committed suicide.

"The head of the world's greatest monopoly, Ivar Kreuger, committed suicide.


"The winner of the ABC Singles Title in 1923 was Carl A. Baumgartner. In 1963, forty years after winning his ABC championship, he is still going strong and is an advertising and public relations executive living in Garden City, New York.

"The conclusion? Stop worrying about money and business, says Mrs. Teal. Go out and bowl."

More Rotation

(Continued from Page 7)

This rotation plan was drawn up by last year's Interhouse Committee, who stayed on to complete this action. The plan will now be taken over by the new IHC whose major task will be the formulation of specific rules and regulations for conducting and administering the plan. They will also govern its application to next year's fresh. Another project which the new IHC may adopt is finding a new name to replace "rotation," which has developed an unfavorable stigma in the eyes of many people on campus.

House Election

(Continued from page 1)

New Fleming Prexy will be Bill Schoen; Vice-President will be Steve Hilkey; Secretary, Ed Perry; Treasurer, Dick Eisenberg; Social Chairman, Bob Gillian; Pete Clark, Gordon Meyers and Pete Wynn; and Librarian, Jack Saunders.

Art Johnson was Blacker's choice for president. The new Athletic Managers are Bill Paine and Bill Tyler; Secretary, Jerry Austin; HS, Buddy Taylor; HHA, Joe Bucklage and Rich Green. The remaining positions, those of Vice-President, Social Chairman, and Treasurer, will be elected in a second election to be held this evening.

Dalbey's officers, led by Herb Flinitt serving as President, are the following: Executive Vice-President, Rich Uhrich; Social Vice-Presidents, Dan Borgan, John Heamer and Bob Scott; Treasurer, Jack Cosby; Secretary, Jerry Gowen; Comptroller, Jerry Yudelson; Athletic Managers, John Hu and Paul Swadesi; and Historian, Paul Chalkin.

Type Styles Demonstrated With Many Vivid Examples

During the past few years several persons (four-all on the Tech staff) have inquired about the type styles used in the California Tech. As an answer to these inquiries and to all those which will probably never arise in the future, this article will attempt to explain the type styles used in this paper.

The body and most of the articles including this one are printed in 8 point peragone. Notice on page one employ 8 point metro bold heads (all in capitals), and the notices themselves are printed in 8 point metro italic. An example is reproduced from last week's paper.

CHEM 46

Needs more units.

Editorials use 30 point Kabel bold heads, and are printed in 10 point metro italic, such as:

CHEM 46 needs more units.

The heavy black type seen in articles and subheads is called boldface and is available in 6, 8, 10, and 12 point metro. An example is reproduced from this week's paper.

CHEM 46

Needs more units.

As a final clarification, some of the smaller headline styles used in the Tech are presented. Examples are 18 point Tower, 14 point Cooper Bold, 14 point Blythe Bold, and 14 point Cooper Bold.