

The California Tech

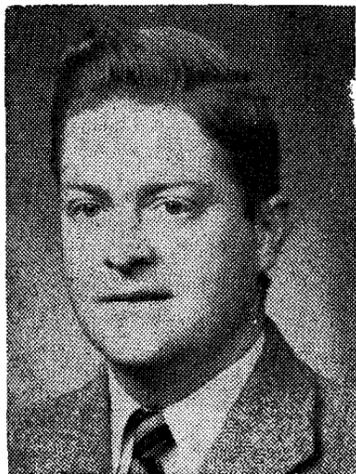
California Institute of Technology

Volume LIX

Pasadena, California, Friday, February 28, 1958

Number 18

Godfrey, Wilkinson Elected Mayhew To Resign As Master Of Houses



Dr. George P. Mayhew

Faculty Group Names Huttenbach As Successor

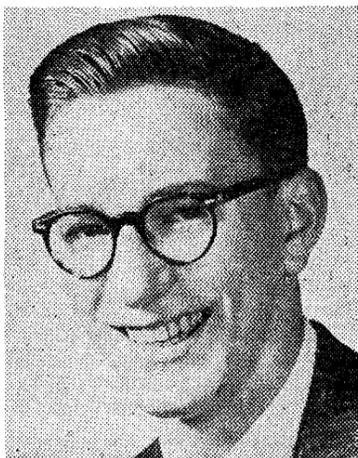
Dr. George P. Mayhew will resign as Master of Student Houses at the end of the school year, administration sources disclosed Monday. He will be replaced by Robert A. Huttenbach, Instructor of History at U.C.L.A. and one-time soccer coach at Caltech.

Mayhew, who has held the post of Master along with an assistant professorship in English at Tech since Fall of 1954, confirmed news of his resignation to the California Tech. He made the decision to resign last year, and the Faculty Committee on Student Houses immediately began looking for a successor, finally approving Huttenbach this month.

Reason For Resigning

"Being Master of Student Houses is a career in itself, and it hasn't left me enough time to do work in the field where I received my special training." Mayhew gave me as the main reason for resigning. "After much soul-searching, I decided that doing creative work in my own field would give me the most satisfaction." Mayhew's specialty is the study of Jonathan Swift and his work.

Huttenbach was an early and unanimous choice of the Committee, according to Mayhew, who has been working with the Committee and has made the selection of a new Master his personal concern. He is pleased with



Jim Wilkinson



Michael Godfrey

Runoffs Set Monday For Three Spots

Mike Godfrey and Jim Wilkinson will head the first Executive Committee and Board of Directors elected under the new by-laws. Results of the student body elections held yesterday showed Godfrey receiving 331 of the 502 votes cast to win over the other presidential candidates, Bill McClure and Don Owings. Wilkinson polled 296 votes in beating Russ Pitzer for vice-president.

Keith Brown and Tom Jovin will compete for the secretary position in one of the three runoff elections to be held next Monday. Brad Efron, the third candidate for the office, lost to Brown by a very slim margin.

Jerry Arenson and Art Rubin will be on the run-off ballot for treasurer. Dave Singmaster was eliminated from the race in yesterday's elections.

Winning in two-man races for four of the remaining BOD positions were: Bob Thompson over Doug Shakel for Activities Chairman; Dave Spencer over Frank Greenman for Business Manager; Tony Leonard over Wes Shanks for Athletic Manager; and Ken Dinwiddie over Frank Childs for Social Manager.

Tom Tisch, Pat Henry and Sid Leibovich will compete in Monday's three-man race for Representative-at-Large. The fourth frosh, Gary Ihler, was eliminated by 8 votes in the closest of the nine battles.

Mike Milder and Bill Bauer ran unopposed for the two non-BOD offices, Editor of the California Tech and Board of Control Secretary.

ASCIT Sets Charity Drive

The annual ASCIT Charities Drive, featuring the usual inter-house competition for highest per capita collection, will be held next week, March 3-7, according to announcement by ASCIT vice-president Gene Cordes.

The goal this year is \$3500. Charities which will benefit are the World University Service, a student supported group giving world-wide aid concentrated in Asia, the Pasadena Community Chest, collecting agency for 37 welfare organizations in the local area, and the Muscular Dystrophy Foundation.

A steak dinner and the traditional after-dinner clowning entertainment by the faculty will be the prize to the winning house.

AUFS Director Talbot Reports On Southern Asia

Phillips Talbot, reporting on India and Pakistan, will spend the week of March 3-11 on the Tech campus as final American Universities Field Staff visitor of the term. Talbot has been the Executive Director of AUFS since its inception in 1951. Students will have numerous opportunities to meet with him and discuss southern Asian domestic problems and foreign policy in relation to the area at scheduled lectures, seminars, and informal gatherings.

The Undergraduate Lunch Club will host Talbot Monday noon at the Training Table dining room. Tuesday morning he will speak to the H 5 class in 206 Dabney on "India and Pakistan: Domestic Affairs." In the evening Talbot is scheduled to meet with the H 124 Foreign Area Problems seminar and to discuss "What should U.S. foreign policy be towards India and Pakistan?"

"Communists in Kerala" is the announced topic of his speech Wednesday noon in the Athenaeum before the YMCA graduate and faculty forum. That evening he will attend the H 100 seminar.

Prior to the creation of AUFS, Talbot lived in Southern Asia for more than seven years as a student at Aligarh University, as a U.S. Naval Liaison Officer during World War II, and as a correspondent for the Chicago Daily News.

Talbot has written extensively



Dr. Phillips Talbot

about India and Pakistan and edited **South Asia in the World Today**. He has also taught courses on the two countries at the University of Chicago and at Columbia University.

Martin King Urges Active Concern In Race Problems

By Cleve Moler

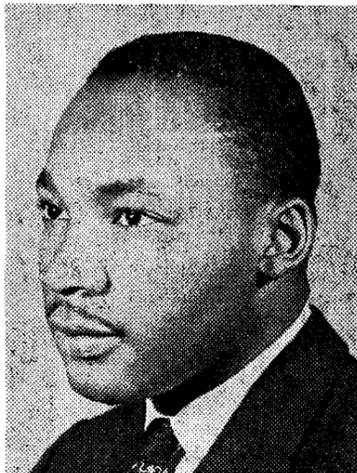
"We must have active commitment rather than mere academic acceptance if we are to solve the racial problems that face America today," concludes Rev. Martin Luther King, Jr., second Leader of America to visit Caltech this year. King, a Negro Baptist minister, President of the Montgomery, Alabama, Improvement Association and leader of the integration movement, spent three days on campus under the sponsorship of the YMCA.

"The oppressed peoples of the world are coming through the wilderness of adjustment and into the promised land of liberty," King said in an address in Dabney Hall Tuesday night. "The older order of segregation is passing away and a new order of justice and freedom is gradually coming into being." The accompanying world tensions are "the usual pains that accompany the birth of anything new."

King pointed out that there are "challenges to be met if the new order is to survive. The first is to rise above the narrow confines of individual concerns to the broad concerns of all humanity."

"There are four things a Caltech student could do to help the racial situation," King said in an interview with the California Tech. "He should seek to give impetus to movements and to influence political leaders. He should seek to solve local problems. Injustice anywhere is a threat to justice everywhere.

"He should give support, both moral and financial, to freedom



Martin Luther King, Jr.

fighters everywhere. The vast majority of people believe in integration, but they need organization and support. And finally, he should help to educate himself and others. Very few people are totally free of misconceptions about Negroes."

SING DIRECTORS CHOSEN

Freshman Stan Sajdera has been chosen to direct the Ricketts Glee Club, as the Rowdies defend their unbeaten record Thursday in the fifth annual Interhouse Sing.

Dabney poses the greatest threat to take away the trophy, with veteran director Al Forsythe back for the third year. Dabney has been the only group to seriously threaten Ricketts in the past, having tied for the trophy in its first year and having suffered a one-point loss last year.

"Doney Gal" has been chosen by Olaf Frodsham, director of the Caltech Glee Club, as this year's contest number. Each house will also sing an encore of its own choosing, which will not be judged. Dabney has selected "High Noon," and Fleming, a dark-horse entry, will encore with "God Rest You Merry Gentlemen." Other numbers have not yet been selected.

Fleming will be led by Ted Oakberg, and Bob Johnstone will direct the Blacker chorus. The Caltech Glee Club is scheduled for a brief concert while the results are being tabulated, and the event will close with the assemblage singing the Caltech "Alma Mater."

The event will begin at 8 p.m. with as Master of Ceremonies. Coffee and doughnuts will be served after the winner has been announced.

Drama Club Holds Tryouts

Caltech's Drama Club will hold tryouts for its third term production, "Remains To Be Seen," next week. The Howard Lindsay and Russel Crouse play will be produced in the round under the professional direction of George Stephens.

The tryouts will take place next Sunday at 2 p.m. in 206 Dabney, next Wednesday at 7:30 p.m. in Dabney Hall Lounge, and Sunday, March 9, at 2 p.m. in Dabney Hall Lounge.

Wayne Nelson, club president, pointed out that the 13 male parts will provide ample opportunity for aspiring actors. "The arena theater should be an interesting experience for both our actors and audience," he said.

Further information can be obtained from Nelson in Ricketts or Arnold Goldford in Fleming. "We are looking for people interested in acting, publicity, ticket sales and staging," Nelson added.

Letters To The Editor

Editor, the California Tech:

As you are doubtless aware by this time, your publication of certain proceedings of the Student-Faculty Relations Committee last week has occasioned a good deal of embarrassment, both because the story contained significant misrepresentations and because it reported matters which were by no means in a form appropriate for general dissemination.

With respect to the question of fact, it was I, and not Dr. Leighton, who brought the discussion of the physics curriculum to the Student-Faculty Relations Committee, and it was brought before that Committee not as a piece of business or an "announcement" but as a purely informal elaboration of a message of thanks to the Student Educational Policies Committee. Their efforts had been most valuable to the faculty group who are studying the physics curriculum, and as a member of that group, I felt that an indication that their suggestions were being taken seriously would not be inappropriate. I believe that I made it clear in my remarks that no formal recommendations had been made, and that the detailed proposals had not even been taken up with the whole membership of the Mathematics-Physics curriculum committee. To find these remarks quoted as an "undertaking" of the "Physics Department" evokes considerably more surprise than pleasure.

It must be reasonably evident that the advice of many people—ultimately the faculty acting as a body—must be sought be-

fore major curriculum changes can or should be put into effect. I think we must all be gratified at the interest of the student body in these matters, and I am glad to find the complete report of the student committee published in The California Tech. It is a good report, and deserves wide discussion. Whether, on the other hand, a sketchy account of the first stages of a faculty committee's deliberations, incorrectly attributed and quoted out of context, serves an equally useful purpose, seems to me arguable. The questions involved have a certain complexity and a cavalier treatment of the issues may be highly prejudicial to the merits of the case.

As a specific example, let me refer to the matter of EE 4. The issue here is not the quality of the course, but in the delicate question of combining the maximum freedom, in the form of free elective hours, with a reasonably consistent and complete course of study. If elective hours are to be taken away in the sophomore year (and I emphasize if), more elective hours should presumably be freed in the junior year to enable the student to exercise his own decision and resourcefulness in mapping out his program.

It is with this motivation, and only with this motivation, that transferring EE 4 to the elective list has been considered. It cannot be denied that there would be a strong tendency to guide a student to EE 4 in view of its close cohesion with other physics and electrical engineering courses, but the freedom would be there in principle. Even if

the outcome is the same, the fact that the student elects a course should induce in him a more responsive attitude to that course, and the fact that he is obliged to make his own decisions should give him a more mature attitude toward his university career.

These matters were necessarily made less explicit than they might have been in my remarks to the Student-Faculty Relations Committee, and if my attitude was unclear to the members of that Committee, I offer my apologies. That the confusion should be compounded and propagated is, however, your responsibility, and is one you might easily have avoided by the exercise of the most elementary journalistic responsibility of checking the facts.

T. Lauritsen

Ed. note: The California Tech apologizes for the glaring errors in last week's article and for the undue embarrassment caused Drs. Leighton and Lauritsen. The errors included both the substitution of an incorrect name and a completely erroneous statement of the reasons given. Although the article also implied that the changes were closer to acceptance than is ac-

tually the case, it nevertheless reported correctly the impression that had been given to the students. But on the important points we are definitely and inexcusably in error, and we stand corrected.

Editor, The California Tech:

I should like to call to your attention certain errors in an article which appeared in the February 20 issue of The California Tech under the head "AS-CIT EPC Sparks Physics Course Change." This article not only contained serious errors as to fact, but also tended to leave the reader with several incorrect impressions.

First, I think the headline itself gives an incorrect impression that the physics curriculum has been changed, presumably as a result of recommendations initiated by the student Educational Policies Committee. The first half of the leading sentence is correct in stating that important changes are being considered, but the second half again incorrectly suggests that all of these possible changes were originated by the student EPC. The second sentence, in which I am described as having made an an-

nouncement at "last week's" Student-Faculty Relations Committee meeting, is almost entirely incorrect: I was not present at that meeting, and I have made no announcement concerning this subject.

The article goes on to enumerate several curriculum "changes" that I am alleged to have "announced." This list is at best an incomplete description of some of the changes that were at that time in a very early stage of discussion by the faculty committee.

Let me try to clarify the situation which this article attempted to report. I am the present chairman of the Physics-Mathematics undergraduate curriculum committee, which was created last year by Professor Bacher to deal on a continuing basis with virtually all matters pertaining to the undergraduate curriculum in physics and mathematics. One of the responsibilities of the three "Physics" members of this six-man committee is to review the course requirements and content for the physics option and to draw up recommendations for any changes deemed necessary or desirable.

(Continued on page 3)

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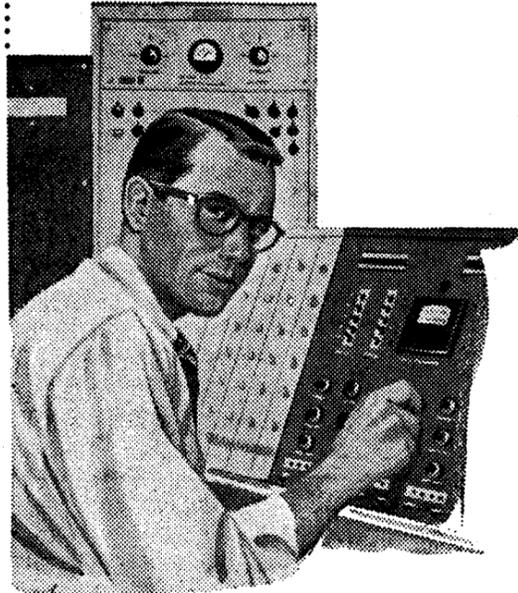
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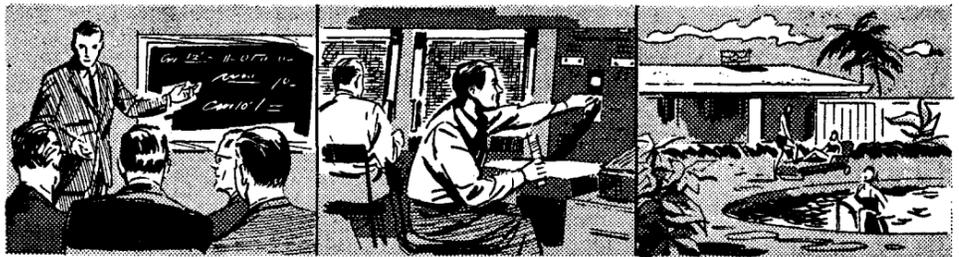
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LETTERS TO THE EDITOR
(Continued from page 2)

These recommendations are then presented to Prof. Bacher who, as Division chairman, in turn presents them to the Division faculty for discussion and/or approval. The recommendations are then directly acted upon or, if necessary, are presented to the Faculty Board and to the Faculty itself for approval. Those recommendations which survive this procedure then become part of the physics curriculum. A similar procedure is used in connection with the mathematics curriculum, and attention is also paid by the committee as a whole to the relationship between the physics and the mathematics programs.

As a former member of the faculty EPC, I am well aware of the students' interest in matters pertaining to courses and curricula, and it seemed to me that the student EPC offered an excellent avenue through which our Division committee might informally probe student opinion concerning the physics curriculum. Accordingly, with the approval of the committee, I invited Mr. Perga to sound out the physics majors and to present whatever comments the student EPC wished to offer. Independently of this, I also discussed the physics curriculum with several seniors.

After considerable discussion, the student EPC presented the excellent report which was published in the same issue of your paper. (Unfortunately the first paragraph which described the history of that report was not published.) The Division committee was quite pleased to find that a number of the points raised by the student EPC report were in close agreement with ideas that were already under discussion, and that some original ideas were also included. In my opinion, the spirit in which our invitation was taken by the student committee, and that in which their report was presented, speak well of the willingness of the students to engage in seri-

ous, responsible discussion in matters of mutual interest to them and the faculty, and I also believe that mature student opinion can play a useful and important role in the shaping of curricula. The present student EPC report has made a really significant contribution in this direction, and I personally hope that negotiations of this kind will continue.

In closing, I should like to emphasize two things: First, the mechanism by which curricula are determined is an involved one, and the responsibility for curricula and course content rests ultimately with the faculty. If the students wish to play a part in this process, they can probably best exert their influence through informal advice formulated in a deliberate, objective manner and presented as diplomatically as possible, preferably in response to direct invitation as in the present instance. And second, the newspaper staff should take much more seriously its obligation to present news objectively and accurately in its articles.

Robert B. Leighton

California Tech

Editor — Bob Walsh

Entered as second-class matter November 22, 1947, at the post office in Pasadena, California, under the act of March 3, 1879.

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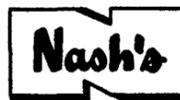
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Sands Stimulates Discussion At Scripps-Tech Confab

One of the exciting aspects of the Scripps-Caltech Student Faculty Conference was its relatively high level of thinking and talking. Dr. Matt Sands' speech on Saturday morning proved to be the focal point for discussion in the conference thereafter, perhaps mostly because it was clear and controversial.

In this talk he outlined his method for attacking the problems of life. First of all he said that it seemed to him that the only legitimate goal in life was personal happiness. But, he continued, it is clear that in any society if people followed this rule exclusively the society would disintegrate. Therefore he found it necessary to include in his method for attacking life's problems the idea that he should not infringe on other's rights. But it is clear that the principle of pleasure and the principle of not infringing on others' rights are often in conflict, and so he offered as his method for picking the proper intermediate course what he called "an inborn sense of harmony."

He attempted to clarify "harmony" by saying that it is related to the appreciation that people have when they see a rectangle or hear harmonic tones. He said that it often solved deep, complicated relationships not expressible mathematically. In essence then, it seems that he said that to choose between personal pleasure and not infringing on others he merely summoned up all his past experience and then quickly used an instinctive sense of "balance" to pick the right path.

There was considerable criticism of Sands' position. One of the most important said that Sands was representing his position as that of all scientists instead of admitting that it was a personal philosophy not necessarily derivable with great rigor from the partial results of science. Sands himself admitted that his philosophy was not at all new or final, nonetheless many people objected to his frequent tacit assumptions that his position was the scientific position. Names were frequently tacked onto Sands such as pantheist or hedonist which he accepted and which emphasized the non-newness of his philosophy.

Another criticism was that his philosophy was not coherent. That his concept of "harmony" was undeveloped.

Scripps' Dr. Theodore Green gave another opening speech, and his basic point, according to Roger Eldridge (who understands these things), was a reaction to one of Sands' attitudes

and may be best typified by Green's comment, "T. S. Eliot became an Anglican because he needed a crutch."

Dr. Green insisted at great length that a man could be completely intellectually honest and still accept religion. He said that what disturbed him most about Tech people was their intellectual arrogance in that they assume that a religious person is necessarily lying to himself. Actually, this conference did a lot to indicate that it is not obvious that this is so. For example, most Tech people were surprised to find that life after death, a belief thought clearly dubious, is a very hazy and unimportant part of non-fundamental protestant theology.

From Wes Hershey and Roger Eldridge, who understand these things, we hear that Dr. Kaufman of Pomona in his speech gave a brilliant survey from the neo-orthodox position of many other possible philosophical systems. At first there was violent criticism of Kaufman's opening speech, but by the close of the conference many people upon reflection seemed to agree



that it was excellent.

But speeches and criticism were not the whole story. At any moment you could look around and see several groups of two to five in earnest conversation. Sunday night Dr. Smith held forth for two or three hours on the sense of tragedy in life, on the varying artistic possibilities of photography and painting, and on group dynamics. At the same time modest Ward Whaling was conducting a seminar on love and marriage with two or three interested Scripps girls.

One of the best ways to get across the intellectual atmosphere of the camp is to repro-

duce some bits of the conversations which went on. During one of Dr. Sands' speeches he made the following comment:

Sands: "What reason do you have to suppose that the revelation of Christ is better than the revelation of Sands?"

Roger Eldridge (aside): "Let's kill him and find out."

Dr. Smith commented early Sunday morning: "I think the most remarkable thing that has happened at this conference is that 'enlightened, egoistic, hedonist' Dr. Sands managed to get two beautiful Scripps girls to serve him breakfast in bed. Never underestimate the power of science."

Then we had an interesting interchange between Dr. Smith and Dr. Sands:

Sands: "The most important aspect of science, it seems to me, is its striving toward greater consciousness. The will to control is much more debatable as a final goal of science."

Smith: "You have here a typical example of Caltech snobbishness. The scientist says, 'We just want to know. Let the engineers run the machinery.'"

Sands: No, I wouldn't say that they were less useful than the scientists.

Smith:—(they are) very nice people in their way.

Dr. Kaufmann of Pomona had this to say: "It seems to me that when any of us now look at these different points of view, scientific, religious, and humanist, and try to understand them, we are being theologians."

"The reason I didn't give a religious answer in my speech the first night was because I thought that the most important thing for any of us to do was to begin to think about these problems. Our task as we leave this place is to try to find how we can become increasingly scientific in Mr. Sands' sense of the term—increasingly conscious, really, of our search for meaningful life."

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Thelonius Monk - Brilliant Corners

Riverside RLP 12-226 featuring: Thelonius Monk, piano; Sonny Rollins, tenor sax; Ernie Henry, alto sax; Oscar Pettiford, bass; Max Roach, drums. (On *Bemsha Swing*, Clark Terry, trumpet, replaces Henry; Paul Chambers, bass, replaces Pettiford.)

At a previous time, I have stated that I derive little enjoyment from the music of Thelonius Monk. I would like to retract that statement here and now. Although I still do not find Monk's solos emotionally rewarding, I am completely gassed by his compositions.

Blues Predominate

The value of this album stems primarily from the four Monk originals. My personal favorite is *Blue Bolivar Blues*, the gibberish supposedly being Monk's pronunciation of "Blue Bolivar Blues." The theme is a simple, straightforward blues riff, with no weird intervals, and only one flatted fifth. The phrasing is superb, however, and the horns tend to dig in. On the second chorus of the theme, Monk uses open sixths against the melody, obtaining a pseudo-gospel effect. It's pure funk, with plenty of blowing room.

Bemsha Swing is also a conceptually trivial riff. Roach is on tympani on this track, and he exhibits his taste as well as his drive. Monk's intro is all in all sufficient, and could well be used as a model for pianists. This up-tempo track is the swinger of the set.

Ballad with Guts

The most complex song is the ballad, *Pannonica*. The changes are not unusual taken in groups of two, but the entire harmonic structure is unique and puzzling. The melody line seems to follow no harmonic pattern, sustaining itself above the underlying changes. The abstract qualities of the theme in no way detract from its innate beauty. The liner notes aptly describe *Pannonica* as a "ballad with guts."

Brilliant Corners is a weirdo! The meter is uneven, and the melody line is jagged and angular. The first chorus is ponderous and cruel, but the second chorus is taken at twice the tempo, and surprisingly turns out to swing. The pattern of 4/4-2/4 choruses is maintained throughout the solos, adding variety and interest. The theme seems to grow on me. I've come to like it, after recovering from my initial retreat and run for cover.

Monk writes songs that are possible to grasp, but he continues to be the iconoclast in his solos. As I have previously noted, Monk's solos are interesting and intriguing, but rarely pleasant. At least, however, they are not innocuous! Deep concentration is required to understand what Monk is doing, and I don't always have the energy. He seems to be playing standard notes on unusual harmonic substitutions.

Stale Coke

The glaring weak spot of the album is the solo work of Ernie Henry. Although supposedly non-derivative, Henry plays a lot of Bird. He might be non-derivative as far as his tone goes, though. I doubt if anyone else would want such a sound. Henry's tone is roughly equivalent to the taste of a coke that has been standing open for a week. He doesn't play anything of worth, and he sounds terrible when he tries. What a combination! His tone is marvelously masked by the big Rollins sound on the head choruses. At least he is able to play the written parts—something not particularly easy with Thelonius the perfectionist scoring the charts.

KAMINS

MAYHEW RESIGNS

(Continued from page 1)

the Committee's choice and considers Huttenbach "Not only highly intelligent and sensitive, but able to bring youth, enthusiasm and fresh outlook to the job of Master."

Built Character

Huttenbach is a graduate of U.C.L.A. (BA '51) and expects to receive a PhD in History by the end of 1958. He was popular soccer coach at Tech in 1950, and 1952 through 1955, and instituted the "new look" in the soccer team that resulted in league championships for 1951, 1952 and 1953 ("We don't build character—we win games.")

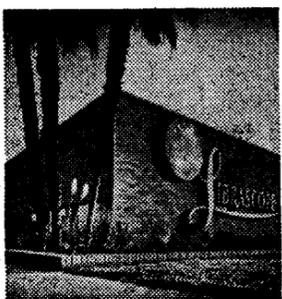
He has been a teaching assistant and instructor of history at U.C.L.A. since 1955. He spent the academic year 1956-57 in England on a Fulbright scholarship and traveled to India this year on a Ford Foundation grant.

Although Mayhew will assume a full-time teaching and research position in the Humanities Division, he plans to keep up an active interest in the Student Houses. He predicts that the biggest problem facing the new Master will be the colonization of the three new houses.

ON CAMPUS INTERVIEWS ENGINEERS M.E. or E.E. MATHEMATICIANS...PHYSICISTS

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See Glen Seltzer, Thursday, March 6th



Horsehidors Host UCR; Cal Poly Splits 1-13, 5-0

The varsity baseball team will swing into its most concerted action of the season this week, as they face Riverside here today, travel to Westmont for a Saturday doubleheader, and return to face Cal Poly in the rubber game of the three-game series between these two teams.

Last Saturday the Beavers traveled to Cal Poly for a season-opening doubleheader and returned with a split, winning 13-1 and losing 5-0.

Bases on balls coupled with well-timed Beaver hits proved the Broncos' undoing in the first game. Two pitchers issued no less than 14 free passes, and invariably one of the six Beaver hits would come with one or two men on base.

Tech pitching left nothing to be desired in this game as Tony Howell allowed only one run (on a walk, steal, and single) in four innings while John Price overpowered Bronco hitters for the last three innings.

The second game showed a complete reversal of form, how-

ever, as everybody but Freddy Newman found himself unable to solve the slants of the Bronco pitcher, who struck out eight in four innings. The only Beaver rally came in the sixth inning, but with the bases loaded and two out, Herman Hartung was picked off third base.

Marty Kaplan started, showing good control, but allowed a pair of runs in three innings. Dave Blakemore relieved, and allowed three runs (on some very cheap hits) in the remainder of the game.

The Beaver bench was cleared in the first game, which saw a pair of very long triples to left center by Chuck Stone and Freddy Newman. Newman, who picked up three walks for the day, followed up with a pair of singles in the second game for the only hits off the two Cal Poly pitchers.

The News

Foreign

President Sukarno's Java-based planes bombed Padang, the rebel capital of West Sumatra, and successfully blew up the rebel radio station in Menado, the capital of the North Celebes, in an attempt to isolate the rebels on the outer islands of Indonesia. Sukarno ordered the bombing and also an air and sea blockade of the rebels after an unsuccessful conference with government leaders and Mohammed Hatta, whom rebels like as he favors more outer island autonomy and dislikes the corrupt and Communist-dominated Javanese government of Indonesia. The outer islands also complain because of Sukarno's dictatorial "guided democracy" and his enrichment of Java at their expense.

China at Summit?

China's Premier Chou En-Lai made a possible bid for a summit conference seat as he and North Korean Premier Kim Il Sung agreed that all Chinese troops should leave Korea by the end of the year. The United States approved but said that she would stay in Korea until free, UN-directed elections were obtained. Meanwhile, North Korea hijacked a South Korean plane and demanded only that she be treated with directly in return for the prisoners. So far, the United States and South Korea have refused to recognize North Korea as a sovereign nation.

Rejects Free Zone

West Germany refused Poland's modified Rapaki Plan (after Polish foreign minister Adam Rapaki) which would make a nuclear free zone out of East and West Germany, Poland and Czechoslovakia. Russia was for the plan but the United States is against it for fear of being forced out of Europe. Popular pressure in Germany is for the nuclear free zone and the summit conference, and such is popular demand in Britain and France that those nations see a summit conference before the end of the year.

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WHAT IS AN UNHAPPY BIRD?

MARJORIE OSTERWISE. *Sobbin' Robin*
PITT.

WHAT IS A MAN WHO DOESN'T PAY FOR PARKING?

WILLIAM SEIF. *Meter Cheater*
C.C.N.Y.

WHAT ARE STADIUM SEATS FOR PROFESSORS?

JOHN EICHLING. *Teachers' Bleachers*
NORTHEASTERN OKLAHOMA STATE

WHAT IS AN ODD-SHAPED EYEGGLASS?

MARJORIE BENEDICT. *Conical Monocle*
MT. HOLYOKE

WHAT IS A JOKING MONKEY?

DAVID GERSHAW. *Ribbin' Gibbon*
U. OF MINNESOTA

WHAT IS A BANANA PEEL?

GAIL GREGG. *Fruit Suit*
EAST TENNESSEE STATE

WHAT IS A GANGSTER'S MANUAL?

JOAN HEALY. *Crook Book*
U. OF DELAWARE

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Opinion

AS I SEE IT

by Dick Van Kirk

The first track meet of the regular season, which was held last Saturday, brought up several interesting points concerning the team's chances in the conference this year. Despite the fact that Caltech won the meet handily, it was reasonably obvious that there is an extreme lack of depth on the squad this season. In the high hurdles, for example, only one runner was entered, and in several other events there were only two Tech entries.

The picture is particularly depressing when you consider that several close dual meets in recent seasons have been lost on second and third place points, while potential pointmakers have "busied" themselves with other activities or studying, or failed to come out for track because they couldn't be top man in their event.

Coaches Bert LaBrucherie and Claude Fiddler have an extremely hard time convincing these men that they can be of value to the squad, and their arguments about the thrill of competition and other intangible rewards of track athletics seem to fall on deaf ears. Some fortunate people just naturally get a tremendous kick out of running, jumping, or throwing. Other people are lucky enough to discover that they enjoy track and field before it is too late to begin competition. And there are those who never learn the thrill of a return to a quasi-primitive all-out battle with another person, down the stretch to the finish line, over a barrier that no one else can clear, or throwing an object farther than your opponent.

This, I believe, is the essence of the great thrill so many people get out of track and field. The competition it provides between individuals is reduced to terms that any human can understand. Competition in track and field is such that it can go beyond national and lingual barriers, and to be that way it must provide a tremendous and natural thrill for competitors and spectators alike. I urge you all to become one or the other.

Hoopsters Down UCR to End Season; Stene Shines

All during the tense second half of last Saturday's ball game, there was one man whose pin-point shooting kept Caltech breathing down the necks of the Riverside team. That man was John Stene. Stene, who until last week had never been an outstanding scorer, came on when he was needed most and dropped in 13 points in the second period to lead the Beavers to a 70-63 victory over the UCR team.

Riverside rally resisted

The game started out according to form, with Tech jumping into a quick lead on the under-the-basket shooting of Glenn Converse. With Fred Newman dropping in shots from all angles, the Beavers were never headed and led at the half, 39-2. Riverside started the second period with renewed vigor and, before six minutes had passed, led for the first time in the contest. They scored twelve points to Tech's four.

Newman quickly dropped one in to give the lead back to the Beavers, 45-44. Then the mad scramble for the lead was on. Headed by Sonny Nelson, Newman, and Stene, Gene Rock's

crew matched the Eastern boys point for point. Each time UCR went ahead, Tech sank another field goal, and Riverside, not to be outdone, returned the favor.

Ball control protects lead

It wasn't until there were less than four minutes left that Tech finally built up a safe lead. Stene dumped in two free throws followed by a field goal to make the score 63-57 in favor of the Beavers. From then on, they controlled the ball and won by seven points, although the game's high scorer was UCR center Bob Wills who racked up 32 points.

On the previous night, the Beavers could not quite get up the steam they needed to beat the Whittier Poets in the Scott Brown gym. The Poets, who earlier in the season, had beaten the Beavers 73-59, turned the trick again, 60-45. The game was fairly close all the way, with Tech never being more than four or five points behind. The big factor in the game was the superior height of the Whittier team. This enabled them to wear down the Tech defense and put on a finishing spurt to win going away by fifteen points.

Stene was high point of the game with 18. This game put the Engineers in the bottom of the league with an 0-8 record.

Fullerton Falls to Tech Team

In a surprising victory, Caltech smashed Fullerton JC last Friday 61-24. Fullerton has traditionally had one of the better teams in this area, and it was a real surprise to many people that their team this year is only fair.

Clarke Rees led Tech to victory by scoring three firsts. Bob Smoak and Pete Rony swam both relays and took individual firsts while Don Owings swam only one relay but took two individual firsts. That accounted for all but one first place, which was taken by Enyeart of Fullerton.

Another real surprise was the victory of the Tech Frosh over the Fullerton B team, 41-21. However, the Fullerton team had only five B men. Gary Tibbetts took two unopposed firsts, but no one else took more than one first and a relay.

RESULTS:

- 400 medley relay—1, Caltech Smoak, Palithorp, Owings, Rony, 4:33.6; 2, Fullerton.
- 220 free—1, Enyeart (F) 2:32.5; 2, Tucker (C); McLane (C).
- 50 free—1, Rees (C) :24.5; 2, Robinson (F); 3, Asmus (C).
- Diving—1, Rony (C); 2, McLennan (C).
- 200 butterfly—1, Owings (C) 2:43.2; 2, Degler (F); 3, Starr (F).
- 100 free—1, Rees (C) :54.6; 2, Nortman (F); 3, Robinson (F).
- 200 back—1, Smoak (C) 2:40.4; 2, Degler (F); 3, Peterson (F).
- 440 free—1, Rees (C) 5:30.2; 2, Keith Brown (C); 3, Enyeart (F).
- 200 breast—1, Owings (C) 2:37.8; 2, Hamdorf (F); 3, Palithorp (C).
- 400 free relay—1, Caltech (Rony, Smoak, Tucker, Blandford) 3:57.0; 2, Fullerton.

A Campus-to-Career Case History



Paul A. Twigg, Bachelor of Architectural Engineering, University of Detroit, '53, in front of the 6-story building whose construction he supervised.

Paul Twigg's Baby

Paul A. Twigg had been with Michigan Bell Telephone Company for about a year when he was assigned to a project that was a "dream" for a young architectural engineer. He was to supervise construction of a 6-story, 175,000-square-foot addition to the telephone building in Grand Rapids.

"For the next two years," Paul says, "I lived with the job as assistant to the Project Engineer. I interpreted the architect's plans and specifications for the contractor, inspected construction, made on-the-spot revisions where necessary, and worked out the many problems which arise on a project of this size.

"I kept the Engineering office in Detroit informed through daily logs and weekly progress reports. My boss pro-

vided reassuring supervision and advice on major problems by means of periodic visits to the job."

The building was completed last August. Understandably, Paul thinks of it as his "two-million-dollar baby."

"An assignment like this really gives you a feeling of accomplishment," Paul says. "It provides invaluable experience in your field. In fact, I've already been able to complete the first section of my Professional Registration Examination as an Architectural Engineer."

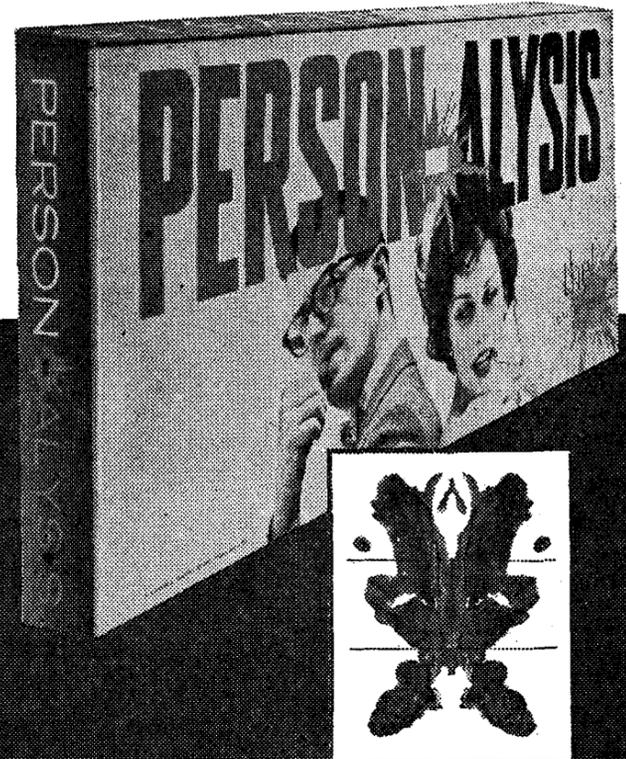
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Campus Brewins

Ashes to Ashes, Dust to Dust

The Phlems had a wonderful time at the snow party this last Saturday. Various and sundry Phlems and their dates traipsed up to Chilao for some fun and droll games in the snow. Along with this crew they carted some student house chile. When lunch time rolled around, every gathered about hoping for a good lunch. They looked at the chile, gulped hard, and ate it anyway because there was nothing else to eat within forty miles. This was their undoing. It took about three hours for it to take effect and on the way back everyone felt compelled to stop at a service station every ten minutes.

Phoney Phoney

The other night Owirillo and Depachuco received a phone call from a couple of nurses who were bored and wanted to be entertained. "Fine," said these lads, "we'll be right over." While they were doing their three S's they got to thinking how all these girls call them up late at night and ruin all their study time. Being in a jocular mood, they got to horsing around, picked up the telephone, and proceeded to give a monologue over a dead phone to a girl that had called up and bothered them. "Shirley," says Pachyco, "get our backs, will you? I've told you and told you that we don't

go out with girls for more than two weeks in a row." At this point in walks the chief troll of the scene, M. Bogot. Perking up his flappy ears he tunes in on this led conversation. Man, he knew these guys were socially adept, but did they actually tell girls to go to hell? By this time our conspirators were in the swing of things and began to lay it on thick. At the end of this conversation they promised the party that they would reconsider and think about dropping by for kicks. They hung up and continued powdering their noses and at the same time shoveled it out to Bogot. At this point the phone rang again and Shirley really was on the line wondering what was keeping them so long. "We thought it over and decided that we really would come after all," said the Owl. By this time Bogot was really snowed out of his mind at what a pair of operators these two guys were. Our two heroes thought this was a good condition for Bogot to remain in, so they left, leaving poor Bogot to contemplate his snow job.

Heard From The Wings

by Joel Yellin

Wednesday before last, the Los Angeles Philharmonic performed in Pasadena Civic Auditorium under the baton of guest conductor Karl Bohm. Except for a fine execution of Richard Strauss' Horn Concerto by soloist Sinclair Lott, the performance was uninspiring and most lackadaisical.

First on the program was the Mozart's Symphony No. 34, in C. The first movement, marked allegro vivace, was played with a heavy and seemingly indifferent hand. Mr. Bohm seemed to have difficulty in holding the orchestra to his slower tempo; at times he was almost run away from. But the movement lacked precision and above all the lightness which is so necessary to Mozart.

K 409

The second movement, marked andante di molto, is the minuet K. 409 which is sometimes performed as a separate work. (For those who have been puzzled before by K numbers, a man named Kerschel compiled a catalog of Mozart's works and it is the custom to refer to pieces by their Kerschel or "K" numbers.) The minuet was played in what seemed an adagio tempo, but was adequate although it seemed to grow a trifle heavy.

The last movement, marked allegro vivace as was the first, blared forth in a very non-Mozartian way. Always excepting a few missed cues and inaccuracies, it too was adequate otherwise.

Sinclair Lott did a creditable job although he had to cope with the double difficulty of technique and the inadequate accompaniment he re-

ceived from the orchestra. The Strauss Horn Concerto, demands the utmost care from the soloist, and except for two or three sluffed notes in the final run, Mr. Lott's performance was irreplaceable.

After intermission the orchestra returned to disgorge Bohm's interpretation of Beethoven's Fifth, a work which does not quite deserve regurgitation. I will take exception to my previous statements and say that this part of the program was neither lackadaisical nor uninspiring. It was atrociously bad. I cannot recall when I have heard so many missed cues and inaccuracies in the performance of a single work as familiar to the orchestra as this.

"Seven Lively Arts"

Last Sunday's "Seven Lively Arts" on CBS television presented the American composer Norman Dello Joio in a production entitled "Profile of a Composer." This program compared favorably to a similar series conducted last year by Leonard Bernstein on ABC's "Omnibus." Mr. Dello Joio explained his creative process with the aid of a symphony orchestra led by Alfredo Antonini, a jazz pianist, a jazz group, and his own pianistic skill. Included also was a pas de deux (Ballet term meaning dance for two) with Bambi Lynn and Jacques D'Amboise as soloists and accompanied by Mr. Dello Joio's music. The climax of the presentation was the premier performance of a new work of the composer entitled: "Ballad for the Seven Lively Arts." The music was varied and interesting, and the explanations were lucid and informing. I hope to see more of this type of programming.

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