Ruddock Leads Houses in Y Finance Drive

A total of $2,240.52 was collected by Ruddock from undergraduate and graduate students in the annual Y fund drive, with Ruddock House leading the way in total collections and highest average per person. Undergraduates contributed $1,163.23, or an average of $259.12. There were 452 undergraduate donors and 104 graduate students to the fund drive.

Ruddock House, for the second year, collected more than any other undergraduate House, with an average of $4.10 per person. Ruddock also had the highest donation, $320.55, followed by Lloyd with $319.59, Dabney with $300.84, and Ricketts with $269.00. Ruddock also had the highest average donation, $4.40 per House member. Lloyd had an average of $2.38 per donor, and Ricketts with $2.36 per House member. In donation per House member, Lloyd followed Ruddock with an average donation of $4.10. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

In donation per House member, Ruddock followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

Goldwater Met by Techmen; Talks Freely

Senator Barry Goldwater of Arizona, as part of his nationwide campaign for the Republican nomination, spoke on the campus of Caltech on Tuesday afternoon. As part of the Student's Day event, the students were on hand to listen to the senator speak. Senator Goldwater stated that this fact was recognized by the founding fathers of our country and that this is in the organization of our government. An almost religious basis for our system of government was portrayed, in that the enlightenment basis of freedom is a religious concept.

Equality of rights are inherent in the American way, but when we are weak we have arrived by today. We have always had the best side of the coin of human nature up. We have the freedom that our pattern of government presents.

Human nature was stated by Goldwater to be the central problem in developing the second goal of a free society. The goal here is to give more power to the people so we always have the best side of the coin of human nature up. He believes that the American way of government is the best way to be used in conditioning with human nature, especially concerning the use of power, and that the power was portrayed as an easy task. He said, "The problem of creating situations that are crises are created by situations—they're created by man.

One cannot have a free society that can provide more for more people and put the people to study for finals. The publications' staffs have long needed a sufficiently equipped darkroom close to the publications offices and the Service League donation will make it possible in Winnett Center for the first time. The Winnett Center Darkroom will be available for the use of publication staff members only.

Clarke Re-schedules Discussion on Jobs

Director of Placement, Dr. Donald Clark has announced that the general discussion of placement problems and interview procedures will be held Wednesday evening, December 5, instead of Tuesday, December 4. The meeting will be in Room 266 Dabney Hall, starting at 7:30 p.m. and open to students at all levels. Permanent employment for seniors and summer jobs for undergraduates will be discussed.

Goals of Society Told by Goldwater: Freedoms Upheld

Senator Barry Goldwater, Virgil California, who heads the state of America program, spoke last Tuesday evening at Calberston Hall on the theme of "Goals of Society." He stated that a complete list of goals was far too long for discussion, but set forth four basic conditions which a free society strives to create.

The first of these was related to be a government "compact" and maintenance of freedom. Goldwater stated that this fact was recognized by the founding fathers of our country and that this is in the organization of our government. An almost religious basis for our system of government was portrayed, in that the enlightenment basis of freedom is a religious concept.

Equality of rights are inherent in the American way, but when we are weak we have always had the best side of the coin of human nature up. We have the freedom that our pattern of government presents.

Goldwater also had the highest donation, $320.55, followed by Lloyd with $319.59, Dabney with $300.84, and Ricketts with $269.00. Ruddock also had the highest average donation of $4.40 per House member. Lloyd had an average of $2.38 per donor, and Ricketts with $2.36 per House member. In donation per House member, Lloyd followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

In donation per House member, Ruddock followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

Goldwater Met by Techmen; Talks Freely

Senator Barry Goldwater of Arizona, as part of his nationwide campaign for the Republican nomination, spoke on the campus of Caltech on Tuesday afternoon. As part of the Student's Day event, the students were on hand to listen to the senator speak. Senator Goldwater stated that this fact was recognized by the founding fathers of our country and that this is in the organization of our government. An almost religious basis for our system of government was portrayed, in that the enlightenment basis of freedom is a religious concept.

Equality of rights are inherent in the American way, but when we are weak we have always had the best side of the coin of human nature up. We have the freedom that our pattern of government presents.

Goldwater also had the highest donation, $320.55, followed by Lloyd with $319.59, Dabney with $300.84, and Ricketts with $269.00. Ruddock also had the highest average donation of $4.40 per House member. Lloyd had an average of $2.38 per donor, and Ricketts with $2.36 per House member. In donation per House member, Lloyd followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

In donation per House member, Ruddock followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

Goldwater Met by Techmen; Talks Freely

Senator Barry Goldwater of Arizona, as part of his nationwide campaign for the Republican nomination, spoke on the campus of Caltech on Tuesday afternoon. As part of the Student's Day event, the students were on hand to listen to the senator speak. Senator Goldwater stated that this fact was recognized by the founding fathers of our country and that this is in the organization of our government. An almost religious basis for our system of government was portrayed, in that the enlightenment basis of freedom is a religious concept.

Equality of rights are inherent in the American way, but when we are weak we have always had the best side of the coin of human nature up. We have the freedom that our pattern of government presents.

Goldwater also had the highest donation, $320.55, followed by Lloyd with $319.59, Dabney with $300.84, and Ricketts with $269.00. Ruddock also had the highest average donation of $4.40 per House member. Lloyd had an average of $2.38 per donor, and Ricketts with $2.36 per House member. In donation per House member, Lloyd followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.

In donation per House member, Ruddock followed Ruddock by $3.38. House member donations were tabulated by P. E. Broadbent with $3.69 per House member, Blacker with $3.38, and Dabney with $2.83. Fleming was last with $196.25.
Memo to Visiting Students

Your Air Force Is Awake
Sleep Tight Tonight

Devices Do Not Limit Our Smog

Dr. A. J. Haagen-Smit of the California Institute of Technology, at the opening session of the 16th Clinical Meeting of the American Medical Association, that, contrary to popular belief, expansion cannot always be expected to reduce smog problems. It is much more necessary, for instance, to remodeled the problem by going from gasoline to diesel in order to improve the air. The Editor's note pointed out that in July of 1908, a law was enacted which called for a reduction of smog from the 1920 level. Due to the yearly increases in the number of autos, an 80% reduction of exhaust hydrocarbons would be required to reach this goal by 1970. This is a formidable task, especially when one considers that most automobiles now running, due to the yearly increase in the number of autos, have a 30%-40% reduction of smog from the 1920 level.

Fuller, editor; Craig Murphy, editor

Goldwater Lecture

(Continued from page 1)

It is lacking by most civilized; (2) WHO is not limited to underdeveloped countries, but not necessary economically. The Goldwater assistance is a means of developing both individual and national friendships. (3) The Supreme Court prayer decision was proper in that particular case, in that there should be no "standard" prayer. Prayer to the schools, however, should not be doubled; (4) A pure free enterprise system would not work, especially on a scale as large as ours. Limited governmental control is a necessity.

Beer And Politics

At the last meeting of the Caltech Student Assembly, an interesting speech by General Goldwater was held. Goldwater said that he had been listening to some of the speeches by candidates for President, and found that they were not prepared to speak on the issues. He then went on to say that the issues were not clear to him, and that the candidates were not prepared to speak on them. He ended his speech by saying that he was not prepared to speak on the issues, and that he would not be prepared to speak on them.

Biologists Discover Flower’s Hormone

Dr. James Bonser and Jan Zeevaart, biologists at Caltech, have recently discovered that the elusive hormone that induces plants to flower and bear fruit is a steroid. They have named this hormone “Florigen.” One reason for this interest is that it is a hormone that is produced in the flowers of many different plants. The hormone is produced in the flowers of many different plants.

Assembly of Y Students Held

From December 27, 1962, to January 2, 1963, the seventh quadrennial National Student Assembly of the YMCA and YWCA will be held at the University of Illinois at Urbana. The Assembly will be held under the leadership of Dean Elizabeth B. Webb, who will attend the Assembly.

Booth Center Being Built

Currently under construction at Caltech is the Booth Computing Center, located on the northwest corner of San Pasqual and Chester. The building started early in the spring of this year, and construction has progressed smoothly during the last month. Completion is scheduled for August of next year.

The structure, which is being financed jointly by the Willis H. Fiske Foundation and the National Science Foundation, will house an IBM 7000 computer and probably the Burroughs 220 which is to be purchased by this time. The Center will be 2 stories tall, with one basement. The first floor will be occupied by the computers and accessory equipment, while offices and small labs will make up the second floor. The third floor will consist of small labs. The basic purpose in the building is to coordinate the computing activities of the Institute. In addition to thefacilities, the building will be an addition to the computing facilities of the Institute. In addition to the Institute, the building will be an addition to the computing facilities of the Institute. The second floor will house the computing facilities of the Institute.

All “re_u_nion," its purpose is to provide a place where all can come together and enjoy each other’s company. The second floor will also provide a place where all can come together and enjoy each other’s company. The second floor will also provide a place where all can come together and enjoy each other’s company.

The theme of the assembly will be: “Wheeler. If all else fails, ask your guide."}

Califonia Tech

Thursday, November 29, 1962

Booth Center Being Built

Currently under construction at Caltech is the Booth Computing Center, located on the northwest corner of San Pasqual and Chester. The building started early in the spring of this year, and construction has progressed smoothly during the last month. Completion is scheduled for August of next year.

The structure, which is being financed jointly by the Willis H. Fiske Foundation and the National Science Foundation, will house an IBM 7000 computer and probably the Burroughs 220 which is to be purchased by this time. The Center will be 2 stories tall, with one basement. The first floor will be occupied by the computers and accessory equipment, while offices and small labs will make up the second floor. The third floor will consist of small labs. The basic purpose in the building is to coordinate the computing activities of the Institute. In addition to the computing facilities of the Institute, the building will be an addition to the computing facilities of the Institute.

All “re_u_nion," its purpose is to provide a place where all can come together and enjoy each other’s company. The second floor will also provide a place where all can come together and enjoy each other’s company. The second floor will also provide a place where all can come together and enjoy each other’s company.

The theme of the assembly will be: “Wheeler. If all else fails, ask your guide."
Registration Opens for Next Term PE

Registration is now open for second term PE. Students are advised by the PE department to register as soon as possible to be sure to get the sport of their choice. Bowling and golf have not been as popular as usual, and students are set to discuss the best time for the selection mentioned later in this article.

The following PE classes will be offered:

- Badminton
- Basketball, 1st hour; badminton, 2nd hour
- Basketball, 2nd hour; badminton, 1st hour
- Cricket
- Floorball
- Football, 1st hour; running, 2nd hour
- Football, 2nd hour; running, 1st hour
- Gymnastics
- Track
- Volleyball
- Water polo

The Critical Ear

by rickerman

This column is the first of a weekly series which I hope will be continued by the Tech, even though the “ear” may be rather uncritical at times. Each week I will try to point out one record to those who are not already familiar with it, and for those who are, I will try to express my admiration of it in some detail.

The first experiments.

[The rest of the text is not included in this transcription.]
Soccer Team Wins Two Losses To Pomona

Harriers Last In SCIAC Finals

Webmen Lose to Oxy; 3rd in League

Basketballers Face Uplands In Opener

Successfully students

Lincoln Laboratory has openings for a limited number of engineers, physicists and mathematicians in original research and development activities.

Lincoln Laboratory is an electronics research and development center established by M.I.T. in 1951.

Our representative will be on campus

December 7: Career day: Placement Office now

Research and Development

Lincoln Laboratory

Massachusetts Institute of Technology

BOX 21 • LINCOLN 73

MASSACHUSETTS
Has "insatiable desire for power" among some men. Wednesday morning were J. C. Simpson, chairman, Professor Peter Fay, Jim listen, Art Robinson and Mike Gazzaniga. To a question on his objection to socialism, because the individual states and controls of the Federal Government. Social Security is not morally wrong, he stated, but in financial unsound, which will eventually cause a change in the system.

Debt Can Cause Inflation

According to Goldwater a philosophy on the national debt that feels that "we owe it to ourselves" is wrong because a large debt will lead to inflation and loss in the confidence of the dollar by other nations. Goldwater stated that a need exists for clarification by the Supreme Court of the relationship between the tenth amendment to the Constitution which guarantees the rights of the states and the fourteenth amendment which might limit these rights.

In his Tuesday afternoon discussion Goldwater stressed the need for manned bomber, namely the long postponed B-70, as a complement to missiles. His reasons were that a manned bomber could first find the target.

More Soccer

(Continued from page 4)
as a writer. He recently prepared a brochure to introduce new engineers to traffic engineering concepts. Bill Harpst and other young engineers like him in Bell Telephone Companies throughout the country help bring the finest communications service in the world to the homes and businesses of a growing America.
Brinkmanship Called Effective

and brains have to go in demonstrated in the recent of using space for military get then use precision bombing term planning in time." urged an increase in the efforts poses.

by Dabney's setup—the world's stant firmness"

seven under grad houses for advisors who think that has changed his policy and that the cast their votes for the displays of Ricketts or Blacker. The sight I'm sure to remember the longest is Lloyd's big bird. It's already stolen the show in one of my nightmares. Grad Sports News

While most of the world was sleeping last Sunday morning, the Mosher Mashers accepted Reck's soccer challenge and the Kittens exited stage left, kick­ ing all the way—mostly kicking air. The game was closer than the score (whatever it was) in­ dicated, though, and there's a rematch scheduled for d a w n next week.

Coronations At Caltech?

Experimental INA Party Number Three is coming up Fri­ day and although it won't be the rustic vacant house party originally planned, it promises to be a little different than previous ones in that several con­ tents will be held. There won't be a pig pool, but one can expect to see an unconventional dance contest, a coronation, and a few other things which it might be wise to mention here. Best of all, a reliable source has notified the commit­ teeing that none of the girls attending has a date for New Year's Eve yet.

Goldwater Ideas

(Goldwater from Page 5) get then use precision bombing and that the "black boxer" could never replace man because "eyes and brains have to go in war­ time." He sees a need for a variety of aircraft and "long­ term planning in aircraft." He urged an increase in the efforts of using space for military pur­ poses.

Brinkmanship Called Effective

Goldwater asserted that "brinkmanship is effective" as demonstrated in the recent Cuban crisis. He sees that Kenne­ dy has changed his policy to­ wards Communism. Goldwater believes that those presidential advisors who think that Com­ munion is going soft should be dismissed and a policy of "con­ stant firmness" should be used. Goldwater feels that to have vic­ tory over Communism the U. S. must "stamp out ideas by our ideas which are better."

In comment on a tax cut, Gold­ water stated the government should cut spending. A tax cut now might lead to a 20 billion dollar deficit which would put this country into trouble, claims Goldwater. In connection with the segregation problem, he be­ lieves that "laws will not correct segregation" and that only when the people realize that segrega­ tion is wrong will discrimina­ tion of all types be eliminated. He advocated enforcement of the right to vote among Negroes but differentiated between the civil right of voting and the lib­ erty of education. A civil right is a right guaranteed by law.

Goldwater is the author of two books, The Consacrational of a Con­ servative and Why Not Victory? He calls for policies which have reality in the light of history and shuns those actions which prove to have been unsuccess­ ful. He has been called ultra­ conservative by liberal factions, but considers himself as one who does not want to go back to the past but forward with the enlightenment of the past.

Babitz Presents

"Vanishing Los Angeles," an exhibition which includes about 40 historical drawings of the Los Angeles area, is on display in Dabney Lounge. It will re­ main on view through Novem­ ber 30.

The drawings are by the Los Angeles artist Mae Babitz. Several of the buildings pictured have long since disappeared, and many of them were drawn as they were being demolished. Mrs. Babitz worked on a card table set up on the spot.

The exhibit is open to the public Monday through Friday from 9 to 5, Saturday from 9 to 12.

Assignment: find new ways to reduce vehicle weight

"Looks like you've got something there," the Army Tank Command said in effect to Ford Motor Company engineers. "Let's do a feasibility study on tracklaying military vehicles."

The story begins in 1957 when Ford engineers conceived the idea of a plastic-bonded glass filament torsion bar for vehicle suspension systems. It was a revolutionary departure from the use of solid steel. It promised dramatic weight savings in battle tanks, in personnel carriers and other military vehicles. For example, as much as 1,000 pounds in medium tanks.

Compared to steel, the tubular-shaped glass filament com­ position has greater energy storage potential—is stronger and more flexible under heavy load. It may well prove to be the automobile suspension material of tomorrow... cars whipsnapped on glass!

Another example of engineering leadership at Ford and new ideas for the American Road.