John Muir J. C. To Debate Here

First Speech Event in Series To Include P.J.C.

Irving Sulmeyer, president of P.J.C., announced Sunday that John Muir J.C. has been invited here Thursday, Feb. 15, to present in its first series of debates on the question: "Do You Love Your Professor?" Husker students will be given a direct share in the management of the debate.

The debate is represented by Irving Sulmeyer, Thomas Redmond, George Brown, and William Woods. Plans are also under way for a debate with P.J.C., possibly to be held the same day.

Debate Tourney Planned

Plans are now almost completed for the tournament to be held by the Club. Clubs from the schools and colleges will participate. Over 100 debates and 30 to 40 debates are expected here for the 20 hours of debate, especially on extraneous speaking, etc.

Radio Enthusiasts Revive Organization; Officers Elected

The much-disliked amateur radio organization for Caltech students is once again a reality. The renamed one, known as the "Caltech Communication Society," held its first meeting Tuesday night with 13 enthusiasts present. Roy Gould was elected President and Roger Chambers Secretary-Treasurer.

The building and grounds committee was appointed to erect four antennas on campus for operation, and agreements with the 80, and 40- meter ham clubs were made. The four rooms in the northern part of the Student Houses are temporarily considered as station locations.

Next Meeting Monday

Next meeting will be held next Monday meeting at 12:30 in the Board of Directors Room in the Student Union.

Non-licensed operators as well as licensed radio operators are eligible for membership in the club.

CAMPUS CALENDAR

Friday, February 7—Big T photographs of the Van de Graaff generator, between Bridge and Kellogg.

Basketball game. Whitney at the Oxy Mixer After Game.

Saturday, February 8—Basketball game. La Verne at Caltech, 7:00 p.m.

Fleming Snow Party. The Ski Bunnies are expected to return at this time from their trip to Aspen. In the Gymnasium, Dance. Athenaeum Dance.

Monday, February 11—Big T photographs of the Oxy Mixer After Game.

Big T photographs of the Electron Microscope. Orchestra, 12:30 p.m., at the East Entrance Gates. Band at the Culbertson Hall, 7:30 p.m.

Opportunity of Norm.

Wednesday, February 13—Fresh Lunch Club at the Training Table, 12:00.

200 At Y Forum, "Help! Popoence On Psychology Of Sex"

"Development Through Five Stages Necessary For Healthy Personality Growth" Stressing the need for emo

tional development in the psychology of sex, Dr. Paul Popeo

A Ts, president and director of the Paul Popoence Psychological Clinic, delivered his remarks in a widely-attended meeting of the YMCA Forum series last night.

First Stage at Age

"An individual's love-life begins the day he is born, for dur

ing infancy, his love-bonds are determined by his own desires," stated Dr.

Popeoence, adding that many men past 40, especially in the ranks of continued bachelors, have never developed beyond the stage of emotional infancy.

In the second stage, Popeoence, the normal person next ex

poses his love life, it turns on an axis between home and

society. In the third stage, the individual is fully a part of the opposite sex, the purpose of which is to find out as much as he can about it. Continued on Page 4.

Dr. Horowitz Made Asso. Professor

The promotion of Norm. of the Department of Biology was announced recently by the Institute executive committee.

Professor Horowitz came to Caltech last July from Stanford as a senior fellow in research. He obtained his Doctorate as Calte

ch in 1939 and held fellowships at Stanford and at Stanford be

fore returning to the Institute last summer.

Big T photographs of the Chem Club, 12:30 p.m., behind the Chemistry library.

Orchestra Practice in Culbertson Hall.

Thursday, February 15—Upper Class Lunch Club at the Oxy Mixer After Game.

Big T photographs of the Student Union at 12:30 p.m. at the East Entrance Gates.

Dancing Class, 7:30 p.m., in the Gymnasium.

Glee Club Practice in Dabney Hall, 9:30 p.m.

Friday, February 16—Assembly, 11 a.m., in Culbertson Hall. An open forum, speaking on "Basic Sciences and Medical Research.

Nickerson Memorial and Valentine Dance.

Blacker Semi-formal Valentine Dance.

Dance Day.

January formal and Valentine Dance at the Pasadena Athletic Club.

General Electric Pauing To Talk Out 11am, to the Tech students on "Basic Sciences and Medicine and Research" Subject.

Next Friday, Feb. 11, at the basketball game, Dr. Louis Pauling will speak to the Tech stu

"Science and Medical Research" Subject.

Dr. Louis Pauling

Medical Research.

Dr. Pauling is the Chairman of the Department of Chemistry at California Institute of Technology, and a graduate of Oregon State College.

Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of. Here Thursday, Feb. 15, to the Tech students on "Basic Sciences and Medicine and Research Subject.

Dr. Louis Pauling

Medical Research.

Dr. Pauling is the Chairman of the Department of Chemistry at California Institute of Technology, and a graduate of Oregon State College.

Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of Wednesday, February 16:

"The Evolution of the California Water System," given a direct share in the planning of
Let's Have Some Interest!

ASCET elections are coming soon. Two weeks from today nominations will close for all student body offices. The best way to insure competent and qualified officers is for enough interest to be shown in the coming nominations to have a group of good candidates.

Elsewhere in this issue is a brief summary of the duties of each office for election. Read this and think about men for the jobs faithfully and ably. Above all, GET INTERESTED in what is going on in your Corporation.

NOMINATIONS NOW OPEN

Continued from Page 1

pairs of the corporation, especially editors in chief, will prepare reports in local news papers.

California Commissioners, Head of the Residence committee, be in charge of organizing and present ing Friday evening assemblies, rallies, student parades and game preparations.

Representatives-at-Large, Two Representatives-at-Large will be elected from the Class of 1947. Junior or Sophomore classed the other from the Freshman Class. The representative is social chairman of the ASCET, while the other is publicity chairman. The representative is responsible for publication of the" California Tech"

The California Tech Published every Friday during the college year except during examinations and holiday periods.

CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 East California Street, Pasadena, California

Subscription rates: 1250 per year. Entered as second-class matter June, 1913, at the Post Office in Pasadena, California, under the act of March 3, 1879.

Bill Karrau, Bob Heppe, Co-Editors-in-Chief
Len Hersch, Assistant Editors
Frank Valierra, Music Editor
Dale K. Davis, Art Editor
Levi Grinnm, Milen Bells, Pine Fall, Features
David Dick, Executive Editor
Mitch Colson, Bud Mitthudenthal, David Marken, Jr., News
Harold Baugh, Charles Wallace, Photography Editors
Bill Bradley, Business Manager
Merwyn Huns, Accountant

Friday, July 7, 1947 - THE CALIFORNIA TECH - Page 2 - Features

Musical Baedeker

It is not a widely known fact that the city of Pasadena is the home of one of the finest musical conglomerations on the Coast - the Pasadena Civic Orchestras. Conducted by Dr. Richard Lert, former conductor of the Berlin State Opera, the orchestras consists of about 90 musicians, including two Caltech students; only 30 are professional.

Orchestral Program

Dr. Lert has always succeeded in selecting well-balanced programs. They usually include all or most of the orchestral, one or two movements of a standard symphony, a few light classics, and one or more compositions of recent origin. The works of American composers are often presented; modern compositions played have been "Halloween" by Lionel Bar t, "Over the Plains" by Anstel, "Three Songs for Orchestra" by John Mills, and others.

Sunday Concert

The next concert is scheduled for Sunday, Feb. 20. The program will include, among other selections, the last movement of Beethoven's Third Symphony (Eco nomia), Berlioz's Third Piano Concerto, and a new work by theてしまう, modern french, Dur ius Milhaud - the "FRENCH SUITE.

Concert Schedule

The Pasadena Civic Orchestras presents its concerts once every six weeks. The performances are given in the Civic Auditorium on Sunday afternoons at three o'clock. There is no charge for admission.

Esquire Jazz Concert

Welcome news to jazz enthusiasts is the announcement that Esquire jazz poll rewards will be presented to the winners at a jazz concert to be held at the Shrine Auditorium on Monday night, February 2nd, at 8:35 p.m.

six of the fine musicians scheduled to appear are Lester Young, Dodo Marmaur, Lucky Thompson, and Barney Kessel. The usual run of popular tunes is always well organized, and the coming fair should be a welcome relief from the stiffness sloppiness of the recent performances of the Norman Grant type. Tickets, ranging in price from $1.25 to $2.50, are available at all Mutual Ticket Agencies.

"Did you make the debuting team?"

"No, ma'am, I didn't say I wasn't tall enough."

The Front Burner

"Apley" A Success

"Off on what appears to be one of the most successful runs of the Pasadena Playhouse's present schedule, "The Lady of Apley" is pleasing crowds in a well-penned hundred nights away.

Doing Double Duty

Under the able direction of George Banta, who doubles on the role of the title character, this Marquand presentation based on Marquand's Pulitzer Prize-winning novel tells the unwholesome story of the Apley household.

This is really life with father - in Boston's "Black Bay" of 1912. Father was proper; Father did the right things, was born, lived, died and buried in the right place; and moreover, Father was Boston.

"-Rears Its Ugly Head"

Eleanor Apley, the daughter, played by Edward Conlan, and her beau, Howard Boulder, acted by Samuel Sobol, manage to get the family off on a lively discussion of Freud, which, to say the least, keeps things interesting.

"Fontaine" Starred

Lillian Fontaine, the portrait of the title Catherine Apley, the wife, does a fine job in a mother role. In real life she has done quite well, too. You may have heard of her daughters - Jean Fontaine and Olivia De Haviland?

"Was Agnes Winning?"

Marion Wright, a newswoman from the Pathé Theatre, does a good job with a difficult part. As Agnes Winning, a distant cousin, she has her hat set for George Apley, and while the whole thing is probably not quite what it seems to the Apleys, it could be.

Your Uncle Tom?

This definitely is a family story, complete to the Thanksgiving giving, with all the odd remarks an uncle has to get out in family gatherings. You're liable to see your Uncle Thomas or Aunt Maudie in one of the characters, though I hope the resemblance isn't too great - unless you're from Boston.

-LEWIS L. GRIMM

"More Than Jewelry..."

Engagement and wedding rings are more than jewelry. Not only do they adorn, they proclaim. They are the outward and visible signs of the deepest, the tenderest of all sentiments. For two generations of Californians, the engagement and wedding rings by Brock have been the symbols of the most tender feelings. For you, about to embark on life's greatest adventure, engagement and wedding rings by Brock are the only perfect choice.

"A Journey Through Time" Planetarium Lecture Subject

"A Journey Through Time" is the planetarium show scheduled at the Griffith Park Observatory during the month of February. In addition to the planetarium demonstration-lectures, the Observatory offers exhibits in its "Hall of Science," touching the fields of biology, chemistry, and geography, as well as astronomy.

Planetarium shows are held daily at 8:30 p.m. on Friday, Saturday and Sunday at 3 p.m., and also on Sunday at 4:30 p.m. Admission to the telescope and the Hall of Science is free. Special buses run from Vernon Avenue on demonstration days.

Purchase of Park Benefit To Students

Caltech is cramped for space. Today, with 1600 students, there is a critical need for additional facilities for research, student housing, athletics, and recreation. Consequently, it is vital that Caltech students take the opportunity to buy Tournament Park. The accession of the adjoining park would increase the area of Caltech from 30 acres to 53 acres. Present plans call for a parking area in the northwest portion of the park, and a student union building and gymnasium.

Combined on Page 4

OAK KNOLL CLEANERS and TAILORS

Let These Veterans Serve You

902 E. California (East of Lake)

More Than Jewelry...
Fleming Wins Soccer; Fluke Shot In Dark

Overconfident RowdiesProvoked Interhouse Track
A badly outplayed Fleming team defeated Ricketers in the soccer Diabolos match, 10-4, in the closing seconds with a goal under the cover of darkness. The athletes managed by sheer power to keep the ball in white territory most of the first quarter. Chin, Funk, Schuyler, Hickey and Murphy tried to shoot, but the rowdy defense men, Dahan, Bradley, Wilson, Houser and Crockett, led by Jim Smith broke up every try.

The rowdies had several attempts to score, but Ramon and Khaw did not seem to have enough accuracy. The whites had twelve shots at the Fleming goal during the game, but they missed them all.

Fleming Power Fades
The second quarter was one of attrition with Fleming taking most of the injuries. Chin, Murphy, Hickey and Viewrie were taken down, and Funk was moved from wing to inside. These injuries were caused by lack of experience, because the athletes played a much harder game than the rowdies. Richerts Attacks Fall
During the third and most of the fourth quarters, the rowdies kept the ball in the red territory with Meier, Lewis, Charlie and Richardson trying again and again unsuccessfully to shoot through the uncoordinated red men in front of the goal.

Goal in the Dark
With seventeen cuts to twenty feet, the Fleming forwards made a sweep through the overexaggerated white defense, and Davis scored literally under the cover of darkness. Charlie Vadhanapunyan played the best game for the whites, and Manning starred for the reds.

The Interhouse track meet, scheduled for February 15, Fleming appears to be the house to beat, with Blacker a formidable second. Since most of the varsity squad are not informers, the Interhouse will be a fine indication of the future performance of the team. Collegiate competition opens with the conference meet February 22.

Interhouse Baseball
The two-way game was a tense proposition to keep the ball in white territory until the closing seconds. The win was the second against two losses in conference play, and gained an even break in the two tilts against the Sagehens.

Beaver Cagers Down Pomona
Sagehens In Close Contest
Mooro, Saltman Shine for Victoris; Play Whittier and La Verne This Week
Captain Harry Moore shared the role of hero with his roommate, Saltman last Saturday when the Tech cagers edged Pomona, 60-51, on the Armstrong court.

Interhouse Baseball
Race Starts Monday
Fleming Is Team to Beat
This coming Monday will mark the opening of the one-round Interhouse Baseball League, the fifth sport out of the nine in the House competition. The remaining sport, the Interhouse track meet, will conclude this term's activities in the trophy race. Next term swimming, tennis, and volleyball will begin on the schedule.

Lettermen Ineligible
As those men who have acquired a baseball letter in college are ineligible to play for the interhouse track meet, it will be held on February 15. Fleming appears to be the house to beat, with Blacker a formidable second. Since most of the varsity squad are not informers, the Interhouse will be a fine indication of the future performance of the team. Collegiate competition opens with the conference meet February 22.

House Trophy Race
At the halfway mark in the Interhouse Trophy race, Fleming is leading by 16 points.

Point Totals

Fleming ..... 36
Ricketts ..... 33
Dahney ..... 25
Blacker ..... 25
Thropp ..... 46

Overheard in the Athenaeum:
"His English final looked like a doctor's prescription written with a pool office pen in the rumble seat of a second-hand car.""Daddy, why do they call them virgin forests?"
"My son, only God can make a tree."

"I'm not a man," or whatever the rest of the sentence was to be, is a line so deep that we let it pass.

SMALLS FOR THE BEST IN STYLES, FABRICS, COLORS AND SIZES—IT'S
VOGET and CATHEY MENS'S
\659 EAST COLORADO STREET
SATURDAYS UNTIL 9 P.M.
SY-2-3871
From the Exchanges

Old Bones Found

The lower jawbone of a horse that became extinct 50,000 years ago during the Ice Age was found last by a Stanford University student on a Geology field trip.

Absent-Minded Professor?

The Faculty Recreation Club of Montana State University held its election of officers last spring. When they met this winter their couldn't remember who was to be the new treasurer; no one volunteered.

Another College Station

Beginning operation on January 28 will be a new college radio station, WKHY, at the University of Rochester.

reported conversation

between two Cornell University students as one was unloading his suitcase: "Say, I've got an extra sock." Reply: "Well, just as long as you're not minus one.

Just Like Georgia

Illegal campaigning at the polls has given rise to a contested election between two Long Beach City College students. The candidates have agreed to meet in the absence of ASH officials.

Unbelievable!

The following statement appeared in the Scripps College newspaper: "A woman's college is an institution of yearning.

Two Barbers

Students coming downstairs from a chemistry lab were time out of a Stanford University and found a student in the front room. After informing them that he didn't have an 8 o'clock and brushing a chinette, he left and was last seen hitchhiking out of town.

Camps Barber Shop

on the campus

Two Barbers

appointment desired

Continued on Column 3

Veterans Affairs

Medical Needed for SHI

Although the Feb. 1 deadline has passed, it is still possible to designate National Service Life Insurance that has lapsed, though now, in addition to the payment of two monthly premiums, a medical examination is necessary. But National Service insurance can, without difficulty, be converted to regular insurance at any time. Remember, the sooner you convert, the more your premiums will accrue to your advantage.

All veterans who are planning on interrogating their training or transferring to another school should see Mr. Moroney any morning in 306 Dalney well before leaving. And all veterans, whether or not they have specific problems, should see Mr. Moroney at least once a semester.

continued from column 1

the next stop sign. Same speed as when he hit it under a bush and returned to find it gone. Well, at least Blacker still has the original.

The mighty Fleming athletes were being taught by the Smooth Fleming opener whose date has been referred to as "that overexposed beauty from Toll Hall to Bob Beley of Fleming has been announced.

Check Quimitches' conduct threatened the safety of Debby. She was standing in the court surround- ing members of the House when a lovely young thing rushed up out of nowhere, knocked him down, and began to smother him with kisses.

broken drum Riot

Blocker's' brake drum was bit- terly fought over again amid no small amount of confusion. Captured by a soph, the deflated in- dividual climbed into a fresh car but managed to escape safety at

Continued on Column 3

Christian Science

By-Laws Approved

The constitution of the new Christian Science organization on campus has been accepted by the Institution, it was announced.

The group will hold its first meeting Monday night, Feb. 16, at 7:30, in the Dealey Hotel. At this meeting officers will be elected and the charter membership will be established.

Testimonial meetings will be held on the first and third Mon- ths of each month, a Christian Science library will be main tained, and the organization will endeavor to present two lectures on Christian Science by mem bers of the Board of Lecturers of the Mother Church, in Robi son, during the year.

Purchase of Park

Continued from Page 2

in the northern portion of the park. In addition, the athletic facilities would be relocated in the central and southern por tion of the park.

In order that the pleasantness of a two-thirds majority on March 13, it is important that the issue has the full support of the Caltech students.

100 At Y Forum

Continued from Page 1

after which he gradually narrows down to the emotionally nature state of being able to lead manageable lives.

Dr. Pope declared that during the course of the lec tures a number of little-known facts were revealed, such as the results of studies, that marriages in which neither partner had pre-marital sexual experiences are the most successful to make; the fact that homosexuality is a result of environment and educa tion, and very rarely due to hereditary or glandular causes; and that the average person breaks an engagement at least once before he marries.

Following the talk Dr. Pope rose to answer questions from the floor.

The next meeting of the series will be a week from Monday in 301 Bridge. Dr. Popove will again be the speaker, this time on "The Sociology of Sex."