

Tech and Oxy's Orchestra is Flourishing

By Bob Hanson

Believe it or not, Caltech does have an orchestra, "and it's alive and well," says Dr. Kim Kowalke, conductor of Caltech and Occidental's own Collegiate Symphony Orchestra. Kowalke is a recent addition to the musical activities here at Caltech and a new professor of music at Oxy. An expert on Kurt Weill, Kowalke comes to Southern California from Yale, where he received his PhD and conducted for both the Greater New Haven Youth Symphony and the College Light Opera Company. One of his ambitions is to stage a full operatic production next year (maybe *Die Fledermaus*), to include both campuses.

This year, Kowalke has put most of his effort into organizing and building a strong orchestra for Caltech and Oxy. It appears he may have succeeded. This year's orchestra is considerably larger than last year's and for once contains almost as many Caltech as Oxy members. Kowalke has assisted in setting up a student board of directors for the orchestra, responsible for suggesting repertoire, setting policies, and establishing goals. "Finally," says Kowalke, "this group has some momentum—there's enthusiasm. There are so many good instrumentalists around here, and a lot of them don't know what a really respectable orchestra Caltech has."

The orchestra is open to staff, faculty and students, but so far no faculty have joined. This lack of faculty participation is one thing Kowalke is trying to remedy. Says Kowalke: "Certainly, one of our hopes is to interest faculty in playing. Many of them have played in orchestras before and simply have gotten away from it. We'd like to bring them back." As for this year, the orchestra has its work cut out for it. Their spring season begins next week with two performances of the first annual concerto competition concert to be held at 8:15 pm on Tuesday the 11th in Dabney Lounge and again on Friday at

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Harry Gray (in the hat) and some of his friends from the ASCIT Musical celebrate his being named chairman of the Division of Chemistry and Chemical Engineering. Photo by ed. Bielecki

Watch Out Robbie!

Harry Gray to be the Head of Chem, ChemE Division

By Michael Kurilla

Harry Barkus Gray, the William R. Kenan, Jr. Professor of Chemistry, has been named the new chairman of the Division of Chemistry and Chemical Engineering. Professor John D. Baldeschwieler will be stepping down as chairman as of June 30 this year.

Harry Gray is a graduate of Western Kentucky College and did his graduate work at Northwestern. He arrived at Caltech from Columbia in 1965 as a visiting professor of inorganic chemistry. He was recently (last month) awarded the American Chemical Society award in Inorganic Chemistry.

In a recent interview, Professor Gray talked about his new position: what it means to him and what he plans to do. He stressed that the job will only be

a five year term. He believes the job "should be passed around." He feels the division shouldn't have any administrators, just "temporary leaders." He agrees that the position will take up time, but Harry says he will just have to give up outside time. He will cut back on his teaching, but said he would continue with his advanced inorganic course (Ch 112). His research will be maintained.

Harry referred to the division as "the most exciting division on campus." He says his major goals are to keep it that way. He would like to eliminate much of the paperwork and give more time to everyone for scholarly work. He feels that it is possible to cut the number of committees by half. He would like to simplify the administrative side of the division. Finally, space is

his biggest concern. He would like to reorganize the lab space and hopes to give everyone more room. The new Braun Laboratory of Genetics will provide extra space. Included in the reorganization will be the undergraduate labs. Harry is also looking for innovation in the teaching of the undergraduate labs.

Harry believes everyone in the division is active. He attributes this to the youthfulness of the people in the division. He sees his job as providing long term policy on space and staffing. He wants to be able to give people the time to work. When asked what he is anticipating most he replied that he is "looking forward to one-upping Robbie Vogt in IAC (for the students—the institute's version of the IHC) meetings."

Chuck Jones

Road Runner's Creator to Talk at Tech

By Michael Kurilla

In the field of animation, there is no style that is more familiar to the average individual than cartoons. Those animated pictures have been a part of most of the youthful years for many Americans. As in any field requiring skill and artistry, there are always acknowledged masters of the craft. In cartooning, one man stands out noticeably from his colleagues; he is responsible for the creation of many animated heroes, Bugs Bunny, Daffy Duck, and that all time favorite, the Roadrunner. His name is Chuck Jones and the Caltech Y Showcase will present him to the campus on April 13 at 8:00 pm in Baxter Lecture Hall.

Chuck's career began with the Warner Bros. cartoon shop in 1938. He worked there until the shop closes down in 1962. He then worked for MGM and has also done some feature length films, including, "The Phantom Toll Booth" and many television specials. Anyone who's seen a Chuck Jones cartoon realizes what sets them apart from the rest. Chuck has control over the laws of nature—characters don't fall until they realize that they will fall; and then, only one section of the body at a time. In addition, his verbal parts usually are complex and multi-leveled.

One important point to remember is that these cartoons were not made merely for children. Looking at several cartoons, a high degree of sophistication and parody is evident. In "Rocket Squad" (1956), Daffy Duck is a Jack Webb sort of Dragnet-in-Outer-Space fellow: "Thursday-4:05—pm—I struck a match—Thursday-4:05 and a quarter—pm—I lit a cigarette." In "Drip-Along Daffy" (1950), high angled shots are parodies of the classic "High Noon" gundowns. And in "The Scarlet Pumpernickel" (1950), the Michael Curtiz-type set decorations and use of shadows are exaggerated.

The evening presentation will involve both Chuck speaking and showing some of his cartoons. There will be plenty of time for questions concerning any aspect of the craft as well as discussion about the cartoons themselves. Also, having worked at Warner Bros. for so long, he is full of funny anecdotes about the people who were involved with him and the top brass at the studio. The evening should be very interesting as well as entertaining.

Give Blood

You can still give blood today. Drop on by Dabney Hall and give a pint or two. The vampires will be at work from 11am until 3:30pm.

Four Tech Professors Awarded Sloan Fellowships for Research

Four young faculty members here at Tech have been awarded fellowships for Basic Research by the Alfred P. Sloan Foundation of New York. (Yes, that is the same Sloan as in Sloan Lab—ed.) Their research ranges from mathematical theory to how the brain "sees".

Receiving the two-year fellowships, which pay \$9,900 a year, are Paul M. Bellan, assistant professor of applied physics; Alexander S. Kechris, associate professor of applied mathematics; David C. van Essen, assistant professor of biology; and Ahmed Zewail, assistant professor of chemical physics.

According to the Sloan Foundation, the fellowships are awarded to young scientists "on

the basis of their exceptional potential to make creative contributions to scientific knowledge in the early stages of their careers."

The Sloan Fellowships for Basic Research were established by the Alfred P. Sloan Foundation in 1955 to stimulate fundamental research by young faculty members at a time in their careers when government support is difficult to obtain. This year 79 fellowships have been awarded to outstanding young scientists in 46 universities in the U.S. and Canada.

Dr. Bellan works in plasma physics, a field devoted to the difficult goal of achieving controlled thermonuclear fusion. If successful, fusion power,

which is also the energy producing mechanism of the sun and the stars, will provide the world with an almost unlimited source of energy. Dr. Bellan is constructing a lab-sized version of one of the most promising devices for achieving fusion, the Tokamak. Unlike typical Tokamaks this version will produce a practically steady-state plasma which will be particularly suitable for fundamental studies.

Dr. Kechris, a mathematical logician, has recently made fundamental contribution to the branch of logic known as "descriptive set theory."

Dr. van Essen is currently conducting research on the structure and function of the visual cortical areas of the brain.

In these areas, information from the eyes is processed in highly specific ways that provide animals and man with the ability to perceive and recognize objects in the world around them.

Dr. Zewail has been studying the applications of techniques for using super-fast pulses of laser light to study chemical and physical processes. He has recently developed an improved version of a device known as a planar solar concentrator, which can collect sunlight and feed it into silicon solar cells for conversion to electricity far more efficiently than current collecting devices such as lenses. Dr. Zewail will become an associate professor of chemical physics this summer.

Write For the Tech

Win Money

Starting next week, there will be cash prizes awarded for the best article and the best photograph each week published in the *Tech*. The awards will be \$10 and \$5 respectively. (If any staff photographer also thinks that this is unfair, you should make your feeling known-ed. Bielecki.)

The judging will be done by Spencer Klein and Ed Hutchings, the *Tech* advisor. Articles will be judged on general quality of the work. When the article is turned in (on time or not), Lit 15 attendance (if the writer is registered in the class, and willingness to accept assignments may also be considered. Photographs will be judged on composition and subject. It is anticipated that some weeks, no prize will be given if there are no articles or photographs meriting it. Anyone, excluding the judges is eligible to win, and all decisions are final.

The giving of these awards is an experiment, and will continue only as long as it seems to improve the work submitted to the *Tech*. We welcome your comments on this proposal.

Prize Scholarships- Apply Now

Over \$60,000 in Prize Scholarships will be awarded to Caltech Sophomores and Juniors on the basis of merit. The selections will be based on academic performance, outside activities, research, and recommendations, and over 40 awards will be made. If you want a piece of the action, fill out an application available in the Financial Aid Office, and return it by Friday, April 14.

The candidate selection process consists of self-nomination by filing an application, or by nomination by a faculty member, by the Scholarships and Financial Aid Committee, or by a special committee of Seniors picked by Marc Wold. Nominees also have to fill out the application, but they are not held to the same deadline.

The prizewinners are selected by the Scholarships Committee, which has two student members. This committee will look favorably on strong recommendations from faculty, high GPA's, and extra-curricular activities of various kinds: do not be afraid to brag on the application. Need is completely irrelevant to this committee, so do not fail to apply just because you don't really need the extra money or because you already have a scholarship.

Winners will be selected in May, and be announced before the end of the term. If you have any questions, ask Peter Fay, the chairman of the committee.

Letter to the Editor

Space Usage

To the Editors:

The wording of my previous letter was carefully designed to accomplish two things. My first purpose was to establish contact with other practically future oriented persons within the CALTECH community. In this respect, the letter has been an absolute success. One of the primary results is a conference scheduled for the evening of April 7. Participants will include undergrads, grads, post-doctoral research fellows, profs, and JPL researchers; interests of participants will range from biology to astrogeology (included between these are astronautics, robotics, remote sensing, large space structures, etc.).

The second aspect of the letter was its shock value. It was an attempt to break through the pervasive apathy which exists among the students of this otherwise powerful learning center. Examination of the solitary literary response reveals the extent to which the blanket of apathy allows misinformation (and irrational objections based on this misinformation) to prevail. The author, by his irresponsible and false remarks on the status of the technological aspects of space industrialization and by using the phrase, "poorly understood science-fictiony concept with a twenty year lead time," publicly displays his lack

Egad!

Cop to lady seen running through park: "Having trouble lady?"
"No, I'm just being chaste."

Gad!

She: "What are you thinking of?"
He: "The same thing you are."
She: "Goodness, if you do anything like that I'll scream."

Gad!

She: "Shall we sit in the parlor?"
He: "No, I'm too tired, let's go skiing."

Caltech Hillel

Passover Seder
Second Night

Winnett Lounge
Kosher, by Palm Terrace Caterers
April 22, 1978 6 pm

Conducted by Rabbi Michael Perelmutter

To insure space, mail your check early to:
Dorene Lehavi
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Orchestra

Continued from Page One

8:15 in Oxy's Thorne Hall. Four soloists, winners of a competition held earlier this year, will be featured. Christine Young, contralto at Oxy, will sing arias by Gluck, Strauss, and Verdi; Evan Marshall, violinist and also from Oxy, will perform a movement of Saint-Saens' 3rd Violin Concerto; Steve Swayne, Oxy pianist, will play a Rachmaninoff concerto; and Caltech's Robin Hamilton will perform a Vaughan-Williams oboe concerto with the orchestra.

Immediately after the concerto competition, the orchestra starts rehearsals for Carl Orff's *Carmina Burana* and Kurt Weill's *Lindbergh's Flight*, to be performed in mid-May. This concert will be a joint production with the Oxy Glee Club and College Choir. Finally, at the end of May, the orchestra plans to accompany Oxy's professor of music Robert Gross in the Brahms Violin Concerto at his final retirement recital. Auditions for the orchestra are always open, and those interested should contact Bob Hanson at ext. 2182.

of knowledge concerning recent and ongoing research. In references to Congress and the public, the author either is not making himself clear or is showing a lack of awareness of established organizations and publications which are doing exactly the things he declares need to be done. The following is a partial list: 1) American Institute of Aeronautics and Astronautics; 2) National Space Institute; 3) L-5 Society; 4) Space Studies Institute; 5) Coevolutionary Quarterly; 6) Foundation; 7) Committee for the Future; 8) Space Travel and Astronautic Research Society.

For those of your readers who are not dominated by the ideas of others and who are willing to give the topic an impartial evaluation, I recommend that they review *Astronautics and Aeronautics*, March 1978. This document is available in the Aeronautics-Energy Research Library (101 Guggenheim). For other documents or further conference information, contact me at ext. 2180.

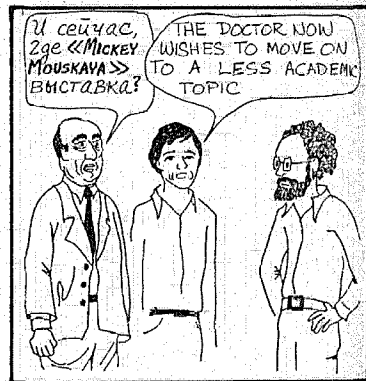
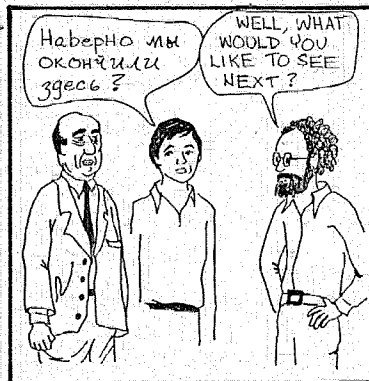
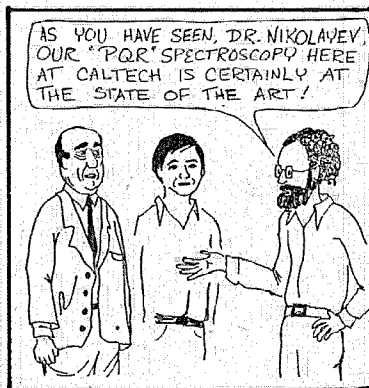
Ralph Weeks

Oh My!

Have you heard about the florist's daughter? She's a dandelion in the grass.

Thuncan

by P.M.



Highlights of the BOD Minutes

Here are the highlights of last Monday's ASCIT BOD meeting:

Dan Whelan discussed the Sailing Teams new boat. It seems that Warren Emory is backing out of his promise to pay for half of the team's new boat. He feels that ASCIT should foot the whole bill. The entire BOD feels differently. They feel that since the Sailing Team is intercollegiate, the Athletic Dept. should pay for some of it. Whelan will send a letter giving the BOD's position, as soon as he learns to spell, "Athletic" and "anum."

Interviews for appopintive positions on student committees will start this week. The BOD will receive recommendations next Monday from the interviewees.

Hildemann requested an additional \$100 from ASCIT for Women's Glee, to be in addition to the \$100 received last month. They need the money because music costs are rising. Eric Sirri wanted to know why they don't photocopy it like in high school. "Because it's illegal." Beausoleil suggested that they try to get the money from GSC, and no money is appropriated.

The rehab committee will be submitting their proposla soon. It

includes \$1.1 million worth of repairs.

The baseball game scheduled for 4/11 has been rescheduled to 4/10, here at 4:00.

The publication committee report is in. They recommend raising the price of the year book by 50 cents per term (or \$1.50 total). It is suggested that they raise the price by \$1.00 per term. The negative aspect of this is that it would be forcing this year's students to pay for last year's mistake. It is suggested and passed that the *Big T* price be raised to \$1.50 per term until the debt is paid or until further notice. [The

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ASCIT MOVIE

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ASCIT Members 50¢ Others \$1.00

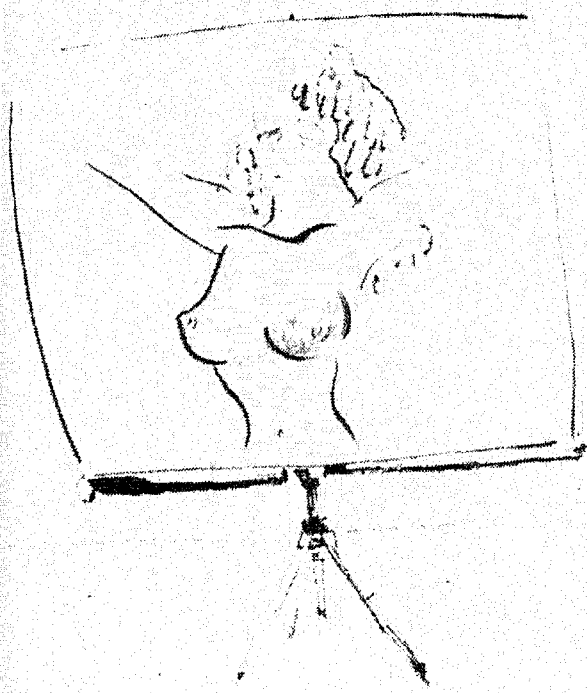
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The Seven Percent Solution

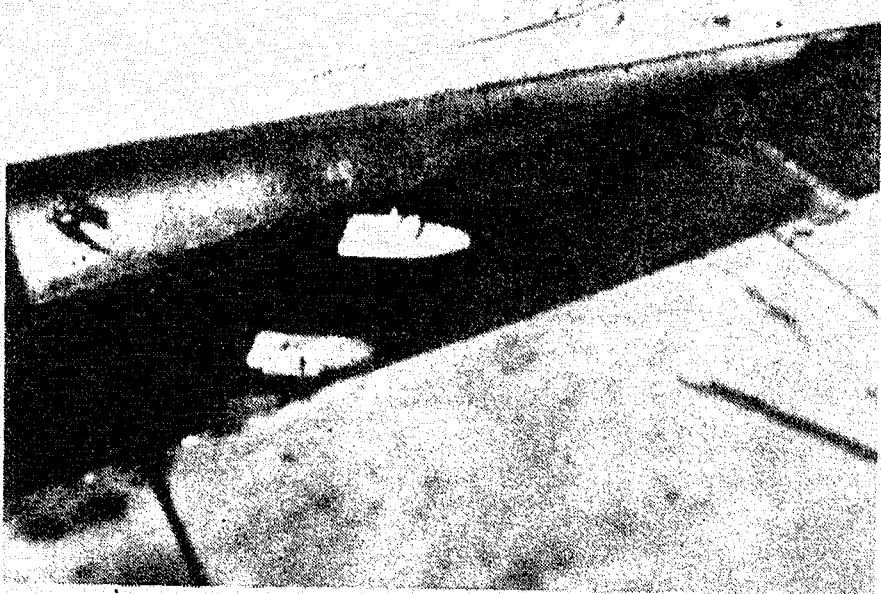
With Paddy Chayefski

Award winner
Vanessa Redgrave

Next Week Murder on the Orient Express



Mixed Media at Baxter



Photos by
Kam Yin-Lau

By Joel Rubinstein
Baxter Art Gallery has reopened with works by Robert Cumming and William Wegman. Michael Smith, director of the gallery, curated this collection of drawings, water color, videotape, photographs, and wooden and metal sculptures and other objects. The theme of this exhibit (and the past several as well) is, in my opinion, *The Relationships Among Artist, Art, and Art Appreciator*.

William Wegman
The most salient feature of the exhibit is the videotape by Wegman. This 28-minute color tape has a series of episodes written, directed, produced, and acted by Wegman. In several episodes, Wegman plays children learning new things or having conversations. Wegman's mouth fills the screen for these, and he shapes his mouth differently to play different children. In several episodes, he co-stars with his dog, who is anthropomorphized by both the artist and the audience. The dog acts as if he were human, incapable of speech, but able to communicate in other ways. Wegman's other works are drawings done with a minimum of fine detail and liberal use of

broad rough strokes. Many of them look like imitations of children's art. One is tempted to sneer at some of these works, but they belong quite rightly in the exhibit. To raise questions of what modern art (and art *per se*) is all about, a broad spectrum of interpretations is necessary. Wegman's premisses include one which says that art need not be a complicated composition of color, shading, perspective, and other parameters, and need not require careful study of each parameter in detail before making conclusions. A simple line drawing or silhouette, with ill-defined features and fuzzy edges is also art, demanding only that it be accepted for what it is. **Robert Cumming**

Robert Cumming takes familiar objects and makes a physical analogy between them and other objects. A crutch becomes an arrow, and is set in a bow. An artist's easel becomes a chair—except that in contrast to the crutch "arrow" the easel *really* is a chair. He plays several games with penpoints. They are used as real penpoints, gauged together in a set of six. One penpoint is made large and has shock absorbers added (though the point of this escapes me.)

Penpoints are attached to wish-bones to make compasses and used as strange extensions of human arms, somewhat suggestive of fencing foils.

Another aspect of his art is the inventions and expository drawings. Many of these are called *Noteboards* by the artist. They combine a form of technical drawing with freehand sketching. Many of the inventions are simple machines like the wedge; others are more complicated like boats.

Cumming also uses photography in some of his works. In one pair of pictures, he shows how a doughnut can both represent zero and be a doughnut.

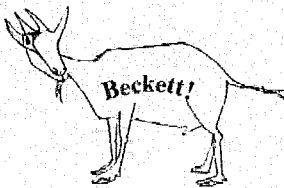
Cumming's work raises other questions about art. Is any assembly of objects a work of art, or must it satisfy other restrictions? Is any functional object used as another functional object art? What demands can art make on the appreciator?

Baxter Art Gallery is open every day except Mondays, from noon to 5. The current exhibit will run until May 14. There will be a chance to hear Michael Smith talk about the exhibit—ask for details in the gallery if you are interested.

CALTECH PRESENTS SPECTRUM PRODUCTION 16

'ALL THAT FALL' by Samuel Beckett

Samuel Beckett wrote *All That Fall* for the British Broadcasting Corporation in 1956. It is by all odds the master's most lovable—and most accessible—play: a genuinely Irish comedy, full of nostalgic touches in which Beckett reminisces about his native Foxrock, near Dublin. Of course, Beckett does not cease to be Beckett, when he becomes affectionate and accessible. Everybody in *All That Fall* is sick, crippled, sterile, furiously dying, or downright dead. At the climax of the action, a child gets pushed out of a moving train. It's all as Beckettish as can be. But Beckett conducts the action with so much ornery guff, such high comedy, and such lyric beauty, that it is impossible to get depressed. This is not one of "horrors of life in a penitentiary" dramas that leaves you gloomy for a week. Beckett's personages squeeze an amazing amount of juice out of their despair. Spectrum's production—with an all-professional cast, as always—will pass on to you the "brimful cup."



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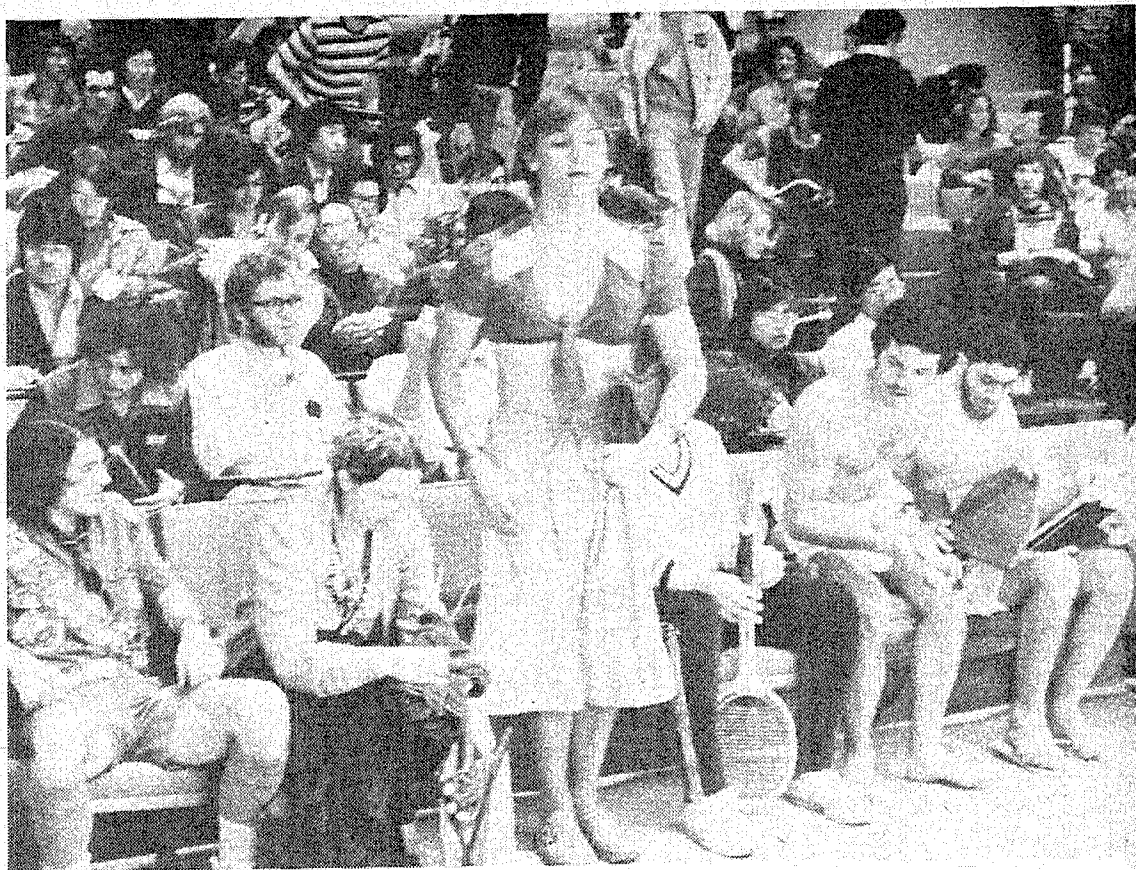
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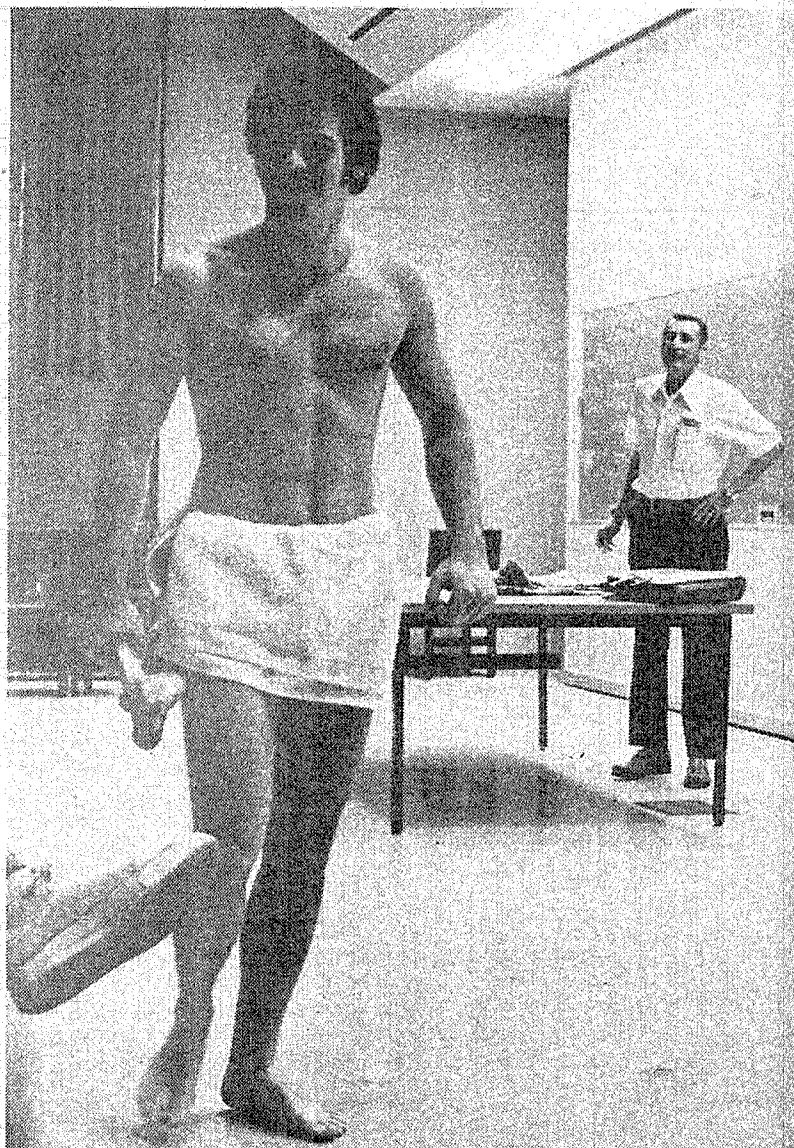
LOCATED ON LAKE 1/2 BLOCK NORTH OF CALIFORNIA

AMa 95



Photos by
Gregg Bone
Yin Shih

Invaded



Sailing Team Awash

By Sal T. Saylor

The Caltech Sailing Team offered defeat last weekend in the two day PCIYRA regatta up Lake Cachuma (north of Santa Barbara). Tech was last out of the seven teams competing. Seven sailors showed up early Thursday morning for the long drive.

We arrived up at the lake bright and early, only to find that the races weren't to start for another two hours. The six other teams that showed up were: UCSB (the sponsor), OCC (who took first place), UCLA, UCI, USC, and DSU. Each team brought two boats, except for Caltech which brought one boat and one bathtub, ersatz boat. Each boat had two crews consisting of a skipper and a crewman. The skipper steers the boat and handles the mainsail. The crew handles the jib. Our boat, Kobold had an A crew of Dave Carlan skippering with Spencer Klein crewing, and a B team of Dan Latrop (our new team captain) skippering and Cora Hunter crewing. Insomnia, our bathtub, was skippered by Pat Coin and Marc Berger, with Greg Hoffman crewing for both of them.

The most notable feature of the first day was the Kobold A team beating one of the Santa Barbara boats. This is notable because Caltech was the only school there without two vanguards, which are universally accepted as the fastest of type of boat, the class of boats we race. Kobold is much slower than a vanguard, and only remains even slightly competitive because of the extensive modifications made to the team. Insomnia, our other boat, is not even remotely competitive. It actually belongs to

the sailing class, but we use it because it's all we have.

After a night in the UCSB dorms, we were out there bright and early, this time only a half hour early (Regattas never start on time, but it's hard to tell how late they will start). As far as the scoring goes, things went better the second day. Unfortunately, this was due to the high winds, which caused several other boats to capsize, and not to anything we did. In fact, the day was a comedy of errors for us, and Dave Carlan was the only one to remain dry. Before the first race, Spencer Klein fell overboard when he missed getting his feet under the hiking straps. Later, just before the race began, Kobold narrowly missed capsizing during a blown tack. She started the race with a foot of water in her, and a minute later, but still managed to beat Insomnia.

Later, after switching crew to Pat Coin and Cora Hunter, Kobold managed to capsize. Sailing downwind, with the centerboard up, a series of puffs hit them, and despite valiant efforts, Kobold flipped onto its side, and soon thereafter turtled completely over. Because the centerboard was up they had extreme difficulty trying to right her. They eventually got her righted, only to find that the rudder in had fallen out. However, with the boat full of water, and a useless rudder, they were unable to control Kobold, and they had to be towed back in. By jury rigging a new rudder pin, and some quick bailing, Kobold was back, only missing one race, but still slightly waterlogged.

While Kobold was having her difficulties, Insomnia wasn't doing much better. Marc Berger

managed to fall out of the boat while hiking out. Also, a lot of water was coming over the sides, and leaking into the buoyancy tanks, slowing her down. After the Kobold disaster, Dan Latrop and Greg Hoffman took over. They met with total disaster, capsizing twice because of the high winds and waterlogged boat.

Although we may not have done well in the standings, the race did point up a few things. It showed that the team survived the loss of our captain and best sailor, Gary Bodie (who graduated last term) in reasonably good shape. It showed that we are better organized than some teams, such as Harvey Mudd, Golden West, CSULB, and UCSD, who didn't even show up (and who we got credit for beating). And, saddest of all, it showed our desperate need for two new boats.

Calligraphy Class Given

Calligraphy, or the art of lettering, is perhaps the oldest art. Our letter forms originated for the most part with the Phoenicians. The alphabet traveled through Greece reaching Southern Italy about the ninth century BC. It was the Romans who first wrote the Majuscule alphabet which we know today.

Today, even after the printing press and typewriter have driven the Guild Scribe out of existence, the art thrives. In Los Angeles there is a very active Society for Calligraphy. On campus a class is being offered for all those who appreciate fine lettering. All levels of experience are welcome, from beginning to advanced. The class is held on Tuesday nights, 7:30 to 9:30, in Clubroom I of Winnett Center. Call Rob Davenport at ext. 2789 for more information.

BOD

Continued from Page Two

seems like a hell of a lot, especially considering that it is three times what the publication committee recommended. [Spencer Klein] (In dual role of editor and head of the Publications Committee, I can only say that there is a \$6000 debt to be paid off, and if my co-editor had bothered to read the Committee's report a little closer he would have seen that the Committee recommended a hike of at least \$.50. In short, the debt must be paid off quickly, or it will be back to paperback yearbooks, at best. —ed. Bielecki)

It is also decided that the editor should be required to submit a plan stating how the yearbook should be laid out. Beausoleil considered not paying the editor if the costs are too high, but it is pointed out that this is illegal under ASCIT by-laws. Also, the publications committee is asked to look into the possibilities of appointing the Big T editor at the beginning of the school year, and to try to make the position more attractive.

Mike Kurilla complained that CCSA (Caltech Chinese Students Association) is running the projector and only ASCIT and Cinematech are being charged for bulb time (about \$1.50 per hour). Whelan will look into it.

A joint BOD-ESC meeting will be held next week to discuss what to do with the ESC money this year.

The next ASCIT BOD meeting will be Monday, 4/10 at 7:30 pm.

Kamei and Ohlsen will look into the coffeehouse relocation.

The Caltech Cycle Federation asked for a \$200 appropriation. They need the money because they got \$200 last year, and waited 6 months before depositing the check. The check therefore bounced, and they spent \$180 of non-existent money. They waited until now to ask for the money because they thought that they had it all along.

There is some discussion on whether or not the coffeehouse is losing \$200 per term. Whelan will look into it and decide which story is correct. It is suggested that business might pick up if the coffeehouse brought back comic books.



Dr. Mary Conroy, a noted Self-Defence expert, shows one of the useful moves taught in her course for Tech women.

Quick & Dirty Self-Defence Class

A one-day self-defense class open to all women in the Caltech community will be held Sunday, April 23, from 10 am to 3:30 pm in Dabney Hall Lounge.

The program, which is being sponsored by the Young Health Center in conjunction with the Caltech men's Club, will be presented by Dr. Mary Conroy, one of the nation's leading authorities on women's self defense and a faculty member at Cal State L.A. Dr. Conroy has conducted research, taught and written on self defense and has initiated programs in 12 colleges and universities. Her unique training program uses simple, realistic teaching techniques that any woman—young or old, large or small, coordinated or uncoordinated—can apply.

Dr. Conroy is a familiar personality on television talk shows and has authored three

books. She lectures extensively and her speeches and clinics stress: (1) How to recognize and avoid dangers; (2) How to fight—when necessary; (3) How to eliminate potential dangers from daily life.

Information regarding preregistration and payment of the \$12.50 course fee may be obtained by calling Bev Pray, campus liaison nurse, at Young Health Center, ext. 2394. A special reduced rate of \$3.50 is being offered students.

Bev set up the one day defense class in response to interest expressed among women students for short-term defense training. Sign-up at the Health Center next week between 11 am and 1 pm Monday, Tuesday, or Thursday. Enrollment is limited and registration will close April 15.

Thurber II - Monologs, Slides a Success

Upon entering the house, one presented by a bare stage. Stage right is the domain of a stool, while at stage left sits a chair and a desk, on top of which was a glass of water, a portfolio, and a book. Upstage is a projection screen. As the house lights dimmed, a slide was projected onto the screen. It was one of Thurber's sketches; that of a dog lying placidly on the ground. In the sequence of slides that followed, a bug walks up to the dog. The dog turns, and with curiosity, follows the bug up a flight of stairs. The bug crawls to a hole. The dog watches and sits and becomes dispondent. The bug turns around, walks back down the steps, and falls asleep. William Windom presented his material by James Thurber's continuation of his show, *Thurber*. While in *Thurber*, Mr. Windom presented a show consisting entirely of sketches of Thurber's works. In *Thurber II*, Mr. Windom's presentation consisted of monologues interspersed with slide presentations. The monologues were up to the unusually high quality Mr. Windom manages to achieve, while the sketches by Thurber, in his readily identifiable, comic style, were very well received. Mr. Windom grouped Thurber's works into a variety of categories, among which were: The Patient; Tennis; The Civil War ("Shoot if you just this old grey head but spare our country's flag!"); The Classics ("It's a naive Burgundy,

but I think you'll be amused by its presumption."); The Nike; Christmas; The Sexes ("I just love the idea of there being two sexes, don't you?"); The Party; Infidelity; and The War (between Men and Women). The slides were accompanied by captions, some by Thurber, some by Mr. Windom. Mr. Windom attempted to make the captions fitting for a Caltech audience, once using the names of various people on campus, and at times not giving the caption, stating "Come on now... this is Caltech... you can tell me what the caption is." It should be noted that Mr. Windom was the primary researcher of his material, collecting a diversity of Thurber's material, including some of Thurber's early works completed while he was a student at Kent State.

Mr. Windom's monologues were extremely well presented, showing both his sensitivity and his mastery of Thurber and his material. Of particular note is Mr. Windom's monologue about the painted man on the train. Mr. Windom's presentation was flawless. Upon finishing the monologue, Mr. Windom, sitting on the stool stage right and illuminated by a single spotlight, arose, and walked out of the spot. The audience failed to applaud this segment of his performance, but instead, an audible hush fell over the crowd. This monologue was the high point of *Thurber II*.

Other Thurber monologues Mr. Windom presented were: Blackworth III, the Scotty; The Zeppelin (from *The New Yorker*); The City Mouse and the Country Mouse; I want A Box To Hide In; Birdie the Practical Joker; Proudfoot the Tiger; and finally The Clothes Moth. The show finished with the dog, lying contended on the ground.

Mr. Windom is well known for his Emmy-winning role as the lead in *My World... and Welcome To It*, which appeared on NBC-TV in 1969-70. *My World* was based on the works of James Thurber, and this familiarity with Thurber led him to the one man show *Thurber*, and *Thurber II*. However, Mr. Windom claims "that in neither case [*Thurber* or *Thurber II*] do I try to play the man. Besides, Thurber was 6 feet 4 inches and 145 pounds." Mr. Windom's approach is to just present and *Thurber II* is as far as Mr. Windom intends to go as of now with James Thurber's works. With James Thurber's works. Although *Thurber* and *Thurber II* remain Mr. Windom's top sellers, he has compiled two new shows based on the works of World War II correspondent Ernie Pyle. Mr. Windom is vigorously pushing these shows. "Sell the Pyle Shows. I'm basically a hustler. Push them!"

They should prove to be as much a success as *Thurber* and *Thurber II*.

—Al Kellner

Israeli Peace Views Cited

By Spencer Klein

Shlomo Avineri, an Israeli politician/political scientist, gave his views on the basis for an Arab/Israeli peace and the present debate now raging in Israel over how much of Judea, Samaria, the Gaza strip, and the Sinai Desert to give back.

Avineri began by giving his views on the origins of the conflict. He described it as a conflict between two national groups, not as a superpower confrontation or a colonial independence struggle. He said that Palestine never existed in Jewish minds, and Israel never existed in Arab minds, until recently. Jews view Israel as theirs historically, and biblically. The Arabs view it as theirs through thirteen centuries of rule.

He also contrasted the two groups view of each other. The Jews accepted the Arabs as a legitimate, rival, national group. They would like to view the conflict as over minor things like borders, etc. rather than as a struggle of one group to eradicate the other, he said. The Arabs, on the other hand, never recognized the legitimacy of Israel. They felt the conflict was between right and wrong, rather than as right against right, as Israel saw it, said Avineri. This can be seen in light of the events in 1947-48. The Jews accepted the partition of Israel because they felt the Arabs had a right to a homeland too, and also because they didn't want to rule over several million Arabs who didn't want them. The Arabs, however, refused to accept the partition and immediately tried to destroy Israel.

Avineri said that this has changed dramatically with Sadat's visit to Israel. He said that it was, "The first good news from the Arabs in thirty years." When Sadat went to Israel, and talked with Begin, and stood when HaTikvah (The Israeli National Anthem) was played, that was recognizing Israel's right to exist.

The Ruling Likud party, under Begin, views Judea and Samaria (the West Bank) as part of Israel, and is not willing to give it back. Avineri described their position as, "part of the State of Israel forever." He said that they are willing to give the one million Palestinians there limited self government on local matters. Likud would be willing to give back Sinai, and the Golan Heights given adequate security guarantees, he said.

He described the out-of-power Labor Party as much more willing to give back territory. He said that they would be willing to give back everything except a few unpopulated areas of the West Bank which they feel are necessary for security. They would be willing to give it back to some form of Palestinian state, but only under Jordanian supervision. They would not be willing to give it to the PLO.

Avineri said that Israel was willing to negotiate with everyone except the PLO, because the PLO's avowed goal is to destroy Israel. He blamed the Arabs for not negotiating, saying the negotiations would imply the legitimacy of Israel, something the Arabs refuse to accept.

Drive-In: A Loser Movie, but with Class

A couple of years ago a film came out to almost universal reviews of "so what". The film was entitled *Drive-In*. I happened to see this one the other day as the second half of a twin bill, and found it rather amusing. Not very good, but worth staying to watch.

The whole thing revolves around a small town in Texas where everyone knows everyone else and they all listen to the same country-western radio station. On the weekends, they all go watch the newest feature at the Alamo Drive-In (motto: Remember the Alamo, of course), with friends, family, etc. The radio station is used as a device to tie together the characters by switching from

radio to radio during the songs that are the only score to the movie.

The whole movie is a series of vignettes, all eventually leading to an improbable series of events that happen at the Alamo. There are funny moments, serious moments, and moments that someone unfamiliar with small towns will never understand. There are good guys, bad guys, teen gangs, the two most inept robbers around, and a host of other things to watch. One of the funniest parts of the whole thing is the movie that is showing on the drive-in screen, *Disaster '76*, the movie for disaster-lovers who have tired of the ordinary. This one has everything: bombs on board

planes, plane wrecks, burning skyscrapers, bursting dams, forest fires, sinking ships, sharks, and the immortal line, "Somebody has to rebuild Rio." Amazingly enough, this turkey on the screen is necessary to some of the laughs in the 'real' movie you are watching.

Drive-In has a few really good moments, usually when they can't decide just how much of a love story they are doing and how much of a comedy. I will break my rule about giving away plot to say that at one point, the semi-nice girl is breaking up with the leader of the local teen gang, just after he has roughed her up in the back of the gang's van (plush interior, water bed, TV, the whole schtick). Somehow she has gotten her hands on his prize 6-inch switchblade, and has started to leave the van for the last time. The gang leader asks for his knife back, and the girl turns around, flicking it open, with one of those "Oh, you want it back, huh?" kind of looks.

The gang leader, knowing he is in trouble, panics. "No, not that!" The gullible viewer waits for her to cut him to ribbons. The girl reverses her grip on the knife and stabs... the water bed. She then closes the van doors as the van fills up with water (I know it doesn't work that way, but it's funnier). The opening of the van coincides with the breaking of the dam on the screen, and the running water in the Alamo causes another gag of minor import.

Anyway, with a low budget and a no-star cast, this is one that isn't worth actually trying to see, but if you ever find yourself in a theater and notice this one starting up on the screen, don't just walk out. The soundtrack alone is worth staying a while, with such masterpieces of music as "God's Gonna Getcha For That" and "Whatever Happened to Randolph Scott". A loser, but with style. How many of us can say as much?

—Nick Smith

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Sporting Events

Baseball - 2 games at Pacific Christian, at 12:00 Saturday, the 8th.

Track - at L. A. Baptist at 11:30 Saturday, the 8th.

Tennis - vs. Point Loma here at 1:30, Saturday, the 8th.

Baseball - at Biolo at 3:00, Tuesday, the 11th.

Tennis - vs. UC Riverside, here at 3:00, Tuesday, the 11th.

Math Club

There will be a meeting of the Caltech Math Club on Tuesday, April 11 at 7:30 pm in 51 Sloan. The program will be a talk by Dr. Judith Grabiner entitled "Who Gave You the Cauchy's Contribution to Rigorous Calculus." It will be followed by a meeting to approve the judges for the Morgan Ward Prize and a small reception for Dr. Grabiner.


AIChE & ASME?

Must be alphabet soup.

On Wednesday, April 12, Caltech's AIChE & ASME chapters will sponsor a discussion "Challenges and Opportunities in Engineering." The seminar will be at 7:30 pm in Winnett Club Room 1, and will feature Mr. J. Frank Valle-Riestra of Dow Chemical Company's Western Division Research & Development.

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Libertarian Meeting

For anyone who is interested in free market economics and civil liberties, there will be an organizational meeting of a Young Libertarian Alliance Chapter, Thursday, April 13 at 8 pm, in Clubroom II.

Is this A Drum, Major

The Caltech Marching Band is once again in operation. If you would like to join the new band, feel free to come to our next rehearsal, Sunday, April 16, from 2 to 4 pm in the Beckman Basement. No previous marching experience is necessary since our drummer beats differently, anyhow. For more information, contact Ken Shrum in Ruddock. X2182

What's the WATS line?

The Wats line chairmanship is open. It pays money, and if you want more details, see Steve Smith in Dabney. Sign up on Flora's Door.

Got A Spare Barber On Ya?

Since the barber has resigned, the Barbershop is empty. If anyone has any suggestions for the use of the space (please keep them polite), please call Ray Beausoleil at ext. 2152.

Gameroom Chairman Sought

Anyone who is interested in being Gameroom Chairman should sign up on Flora's door, and also talk to Flora. The job pays \$2.65 per hour for 30 hours per term, with the possibility of more, since there will be a lot of work done to the gameroom this summer.

Desert Launch

Weather permitting, there will be a desert launch Saturday. We will be leaving at around 9:00 -9:30 am to avoid as much wind as possible. As usual, D.S.T. members get free flight crud. See Jose Helu (LI 113) for more information.

Renaissance Music

Organizational meeting and rehearsal 3:00 Saturday, April 8 in 19 Baxter. Bring instruments and any music you have.

Relate or Grieve

A position on the Industrial Relations Committee and two positions on the Grievance Committee, as alternates, are now open. These jobs are for the rest of the year. Contact Marc Wold, 126 Lloyd if you are interested.

Money Deadline Coming Up

Financial aid deadline for the 1978-79 academic year is April 17. Financial Aid Forms are available in the Financial Aid Office, Room 208 Dabney Hall. If you wish first consideration for funds, you must return the Financial Aid Application packet to the Financial Aid Office by April 17. Any problems or questions, see Ursula Hyman-Kelly or Sandra Boyd in the Financial Aid Office.

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We will be interviewing at Caltech, April 18, 1978

Madness takes its Toll

By Michael Kurilla

This week Cinematech begins the term right; with three films you won't want to miss. For anyone familiar with the results of an uptight society, the exploitation films of the thirties provide some humor. The fear of the deadly drugs and wild life of the roaring twenties, prompted conservative elements in our society to strike back in the thirties with *Cocaine Fiends*, *Reefer Madness*, and *Sex Madness*. The style of the films becomes obvious after reading the advertisement posters—"One moment of bliss—a lifetime of regret," or "Hunting a thrill, they inhaled a drag of concentrated sin!" or "Here's a roadside weed that's fast becoming a national high-way!" or how about, "She sought big thrills... and caught big trouble!" Obviously there's not much a person can do today, other than watch and laugh; and laugh you will because these films are simply hysterical.

Cocaine Fiends concerns a young girl from a small town. She is lured to the big city by a smooth-talking dope peddler. After that her life is just downhill. *Reefer Madness* is considered the King of the Camp and all time champion in this category. Here, our hero is entangled in a web of reefer. Eventually he ends up killing a girl (incidentally, he is not under the influence at the time). The highlight of the film is watching the people indulging in the evil weed and exhaling more smoke than they inhale. Also the insidious giggling pervades throughout all the smokefests.

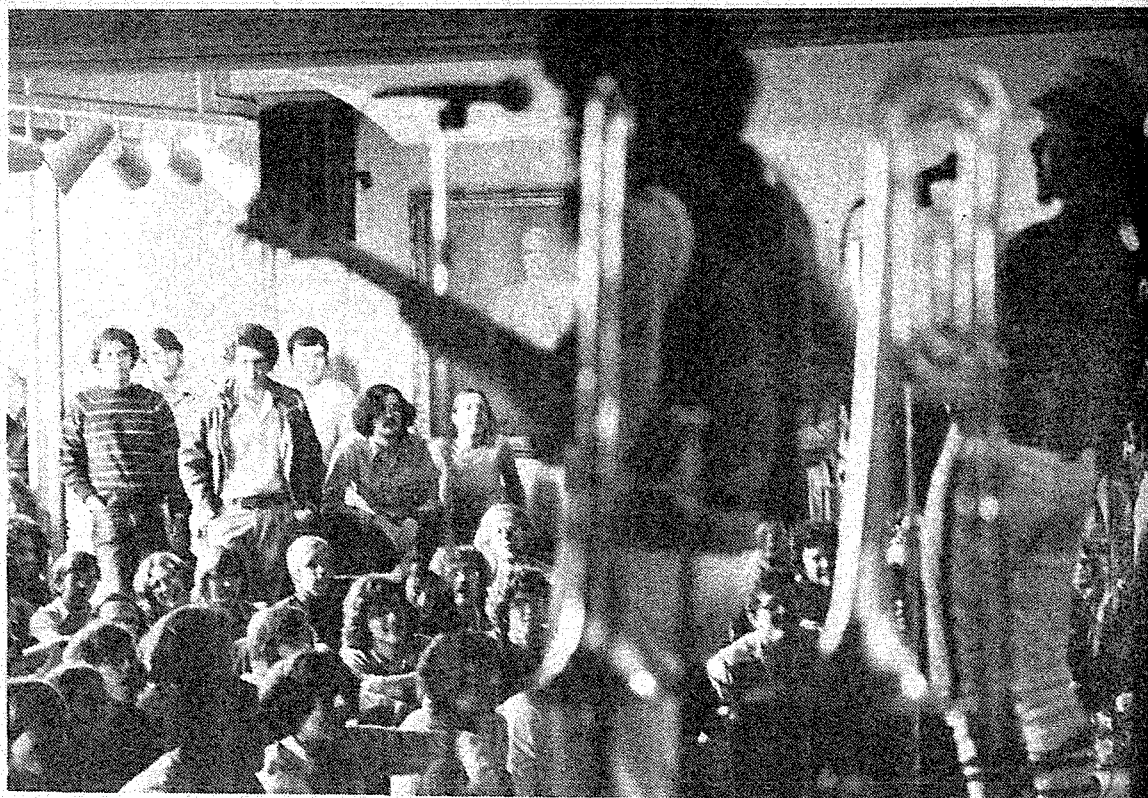
Sex Madness is the final presentation of the evening. It has more warnings than the first two, but that only makes it more funny. It begins as a warning about V.D., but moves on to all sorts of unbridled lust (whatever that is).

Again the small town girl is here, along with her more sophisticated friends. There are young men looking for 'cheap thrills' and office girls after other office girls. The heroines of this film have 'IT'. Finally for all you perverts out there, a child

molester makes an appearance. The film was a warning to all the potentially 'loose women', so hear and be forewarned.

Cinematech is presented Saturday evenings at 7:30 in Baxter Lecture Hall. Donations are only \$1.50 for general public, \$1.00 for ASCIT and GSC members, and \$0.75 for children under 14 (although for this feature, it's not recommended).

This Friday night in the same place as Cinematech, ASCIT will be presenting *The Seven Percent Solution*. "The solution is cocaine. Sherlock Holmes is addicted to it, and Dr. Sigmund Freud must crack Holmes' habit so that Holmes can crack his case. Pure, uncut entertainment!" I stole that from ASCIT, and ASCIT stole it from the Nuart Flyer. Can't trust anyone these days. Anyway, the film is quite good; it has suspense and humor, mixed in the right proportions. Starring in the film is Vanessa Redgrave, this year's winner of the Oscar for Supporting Actress for her role in *Julia*. ASCIT Movies are only 50 cents for ASCIT members and 100 cents for non-members.



Roto the Wonder Band played to a packed audience in Winnett last Friday. Photo by Al Kellner

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CLASSIFIED ADS

Congratulations to Robert and Diane, who tied the knot last Saturday.

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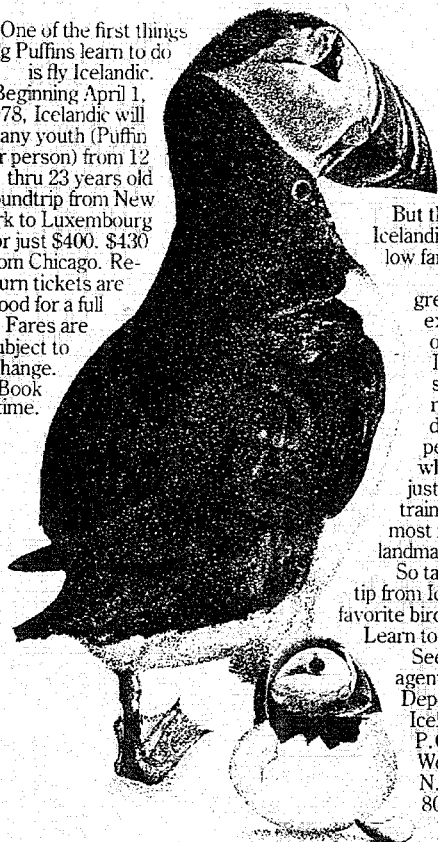
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