



Is Baxter Art Gallery coming to a dead end?

Baxter Art Closes

by Frederic Wong

Baxter Art Gallery is due to close in December 1986. In a letter last June, President Goldberger informed the Pasadena Art Alliance, the gallery's principal donor, of the closing.

At the time, the decision was unknown to those intimately involved in the gallery. There had not been any discussion with the faculty.

David Grether, Chairman of the Humanities and Social Science department, received only a carbon copy of the letter to the Art Alliance. The gallery's director, Jay Belloli, and its Board of Governors only heard about the closing through hearsay.

Caltech will, however, honor all its commitments to exhibitions that have already been scheduled for the gallery.

The closing, according to Goldberger, reflects "a reallocation of internal resources." According to the gallery's proposed budget for next year, Caltech contributes about \$34,000 or 13% of the gallery's total budget of \$245,000. Since the gallery is situated on campus, however, Caltech has the final word on its status.

The Art Alliance, which raises most of the remaining funds for the gallery, has done so under the assurance that the gallery will remain. Now that Baxter is to end, it may lose much more immediate support.

Even though Goldberger's statement has been the only official reason given for the closing, many faculty, students and community members dismiss a purely financial motive.

"We are within reach," according to a member of the Board of Governors, "of supplying that money (the \$34,000)."

To the many questions being raised about the closing, such as why Caltech is insensitive to the good will and dedication of so many faculty members, artists, donors and friends that have gone to build the support and reputation of the gallery, no satisfactory answers have been found.

The prevailing opinion in the community is that Caltech is doing it a disfavor by closing "the premiere exhibition space for contemporary art" in this

area. One member of the Board of Governors wonders why Caltech is shutting down a facility of "undeniable public relations value." Another question raised is whether the gallery could be interfering with fund raising at Caltech. This seems unlikely, however, since earlier this year the Board of Governors had cleared with every potential donor on further development of the gallery, including a possible new campus building to house the gallery.

The L.A. Weekly suggests that the closure could be "a natural backlash against the remarkable strides the arts and humanities have made at Caltech in the last years." Bruce Cain, Assistant Professor of political science, observes that "the art/science ratio does go in cycles here. Another professor claims that "the backlash comes from engineering. They are playing the zero sum game: if I can't have mine, you can't have yours."

Some students feel cheated by Caltech because it demonstrates insensitivity in spite of its claim to provide a well-rounded education. Some faculty members fear that "the disappearance of the institute's cultural outpost will accentuate its one-dimensional image and stunt the growth of its students."

Many members of the community have also expressed their grief over the loss of what they consider "one of Pasadena's cultural highlights." They think it most unfortunate that just as the gallery's fame and audience are growing, Caltech puts an end to it.

Many people are outraged not only by the closing and the unconvincing explanation but also by the apparent clandestine nature in which the decision was made and communicated.

In July, Diana Foss, a concerned student, organized a discussion hoping to clear up the confusion surrounding the closing. Goldberger had promised a representative from the administration, but he also insisted that the meeting be restricted to students and faculty only. He said he felt no obligation to justify his position to others.

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Welcome New Students

by Michael Chwe

Your life is changing right now. There aren't many places like Caltech, and living here is likely to be a completely new experience. Welcome to Caltech, and to you all the best.

You are a person. It's important to realize that you, as a person, should be living a life a person would live. It's too easy to convince yourself that dedication requires sacrifice—the greater the sacrifice, the more glorious the dedication. Submerging a part of your life in the name of greater glory should not be a part of your Caltech learning experience. Live a life.

Some people come here with very clear ideas of what they want in life. Some come here more than a little confused.

Regardless, a goal-oriented vision of life cannot be adequate if your personal values are changing. A great part of living and learning is developing, questioning, and refining personal values. While busily learning how and what, it is too easy to never ask why and never care.

Welcome to the society of Caltech students. Upon entering a new society, one quickly looks for some sort of definition—some sort of role, some place in the existing structures. Often it is easier to define yourself through who you dislike, "can't stand," than by who you like and get along with. Every year, insecurity fosters needless and arbitrary antipathy.

You have two opportunities right now. First of all, at no

other time in your life are you likely to be able to meet as many people who share some of your interests, free from social prerequisites and other complications. You can meet other freshmen with no pretense other than being a freshman too. This opportunity fades quickly, as friends grow closer, and potential friends more distant. Secondly, sometimes the best time to find out about yourself is when you move from one society to another. In transit between social backdrops, you get a strange sort of objectivity about yourself. This opportunity also fades quickly.

Have a good time at Catalina. The water there is cold and clear, and if you go snorkeling, you can see some beautiful fish.

New RA's at Three Houses

by Michael Chwe

This year the Lloyd, Ricketts, and Blacker student houses have brand new Resident Associates (RAs for short.) Resident Associates live in the houses with undergraduates and help them out when the need arises.

The new Blacker RAs, John and Lynn Salmon, have just moved in, and "haven't done any RA things yet." John is a graduate student in astrophysics here at Caltech, and Lynn is a graduate student in aeronautics at UCLA.

The new RAs have taken eight hours of first aid and eight hours of CPR training. According to Jurgen and Nancy Giezen, the new Lloyd RAs, the CPR instructor said that they were "the best class all summer." Nancy just got her bachelor's degree in nuclear technology medicine, and two months ago married Jurgen, a Caltech graduate student in aeronautics (who urges students to attend Ae 150, the aeronautics seminar, this year.)

The new Ricketts RAs are Remy Sanouillet and Michelle

Serre. Remy is a graduate student in computer science here at Tech. Michelle, a former carrying-people-to-safety lieutenant firefighter, is studying toward a degree in physical therapy at Pasadena City College.

The RAs are chosen in a selection process in which the candidates and the students meet each other, so that happy matches are made. Jurgen thought that the selection process was "pretty good... I enjoyed talking to the students."

What do the RAs think

about Caltech students so far? "They need affection," said Michelle. "They need people who are not Caltech people to talk to... I like them."

"They're a unique breed—I mean that in a positive way, not in a derogatory way... They are special, extremely talented in at least one thing and sometimes many things," said John. Lynn thought that "they are a lot like MIT students... They're very interesting, sometimes creative in an offbeat way."

A How-To Guide to Rotation

by Brian Treco

What follows is a brief description of what incoming Caltech undergraduates can expect during their first week or so here at Caltech, specifically as to the rotation process.

Rotation, the method for assigning students to particular houses for their stay at Caltech, officially begins on Saturday, September 23.

Students are assigned a particular house to sleep in during the first week and are also assigned houses to visit each day of rotation week. These assignments are found in this issue of *The California Tech*.

For the next six days, students on board contract (and all new students) will be served two meals a day. New

students are encouraged to stick around after the meals to talk with and get to know the students of that house.

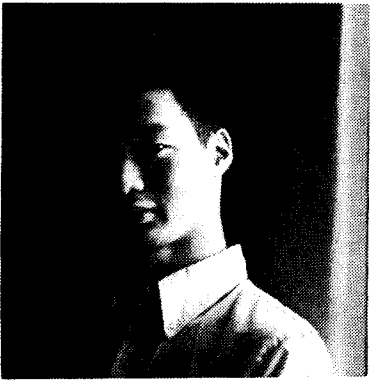
Later on that night, the students will return to the house to which they have been assigned to live in for the week, and will spend the night there.

It is very important that the new students know that they must pick up their nametags

each night (at lunchtime on Saturday, see below) or they will forfeit the right to have any say in which house may pick them at the end of rotation. See rotation rules.

Each evening after talking with the new students, the upperclassmen meet privately, to discuss the students assigned to their house for that particular

continued on page 3



Notes from here

by Mike Chwe

Food and Freedom

A "friend of a friend" story: A friend once told me that the only reason one of his friends went to MIT instead of Caltech was that Caltech had a physical education requirement.

I must admit that when I applied to Caltech, I thought that the P.E. requirement was a good idea, at least for me. I still do. I need as much motivation as I can get when it comes to exercise.

However, this story made me think about **why** Caltech has a P.E. requirement. The situation is not at all like the board contract situation, in which it is becoming more difficult for on-campus students to be exempted completely from board contract—presumably to support the current food service financially. No, I think there's plenty of support for Caltech athletics and physical education.

Well, why does Caltech have any requirements? That's easy. As an Institution of Higher Education, Caltech wants its diplomas to be worth something. But why P.E.? Would it ruin Caltech's reputation if P.E. were not required, and students were trusted to look after their own physical selves?

I can think of three reasons to require three terms of P.E. here at Caltech. (1) Physical education is good for everyone, and should be encouraged (required.) (2) Physical education is something most undergraduates don't appreciate but will prove valuable in later life. (3) Having physically fit people is good for society, and Caltech has an obligation to society which overrides, in this

case, any consideration of individual free choice.

I don't think anyone believes (3), or at least believes (3) is adequate justification. As for (1) and (2), all I have to say is that "we're not in high school anymore." It sure seems ridiculous to have a P.E. requirement for graduate students (especially since their endurance is well proven.) After all, Caltech doesn't require its undergraduates to brush their teeth and eat three meals a day. Caltech doesn't require that we spend ninety hours of our lives learning about something possibly more relevant and immediate to physical well-being, such as learning how to cook and eat balanced meals (survival skills in which Techers are more deficient.) It also initially seems ridiculous to require ninety hours of classes concerned with substance abuse and personal problems. The hand which guides the spinach to a Techer's mouth is, and should be, his own.

I guess it still comes down to "P.E. is good for you." Some would say that the whole discussion is silly, since it's easy enough for even the least spirited Techer to get by, and it doesn't make any difference to those who are interested in their own physical condition.

OK, maybe so. But I bring up the P.E. controversy to think about rules and laws, which include certain requirements at Caltech, which can be called paternalistic.

The best example of a paternalistic law that I know of is a law in Britain that requires that all motorcycle riders at all times

must wear their helmets, or face certain penalties. Not wearing a helmet when riding my Harley cannot possibly hurt anyone but myself. Not wearing a helmet doesn't make me a less safe or less careful driver. The key phrase behind paternalistic laws is "for your own good." The law requiring helmet wearing is simply for my own good, whether I like it or not. You might not care about the issue (riding helmetless is legal in California), and I don't lose much sleep over it either, but enough British bikers cared enough about their personal freedom to parade peacably through the streets of London on their motorcycles, hair happily blowing in the wind.

So, what do you think? Is it right for laws or rules to protect fully mature adults from dangers they are aware of, "for their own good," regardless of our much-applauded individual freedom?

A "friend of a friend" story: A friend once told me that several years ago, student dissatisfaction with the food service was so pronounced that they decided to discontinue the student house meals altogether and let the students fend for themselves. Student house meals were quickly restored the next year after a Caltech student almost died from starvation.



In Memory of Marrie Casey

Marrie F. Casey, Secretary for Undergraduate Records in the Office of the Registrar, passed away suddenly on Thursday, July 12. She served the students and faculty of Caltech with great dedication for almost twenty-five years. Her colleagues in Student Affairs, many generations of undergraduate students, and the faculty members whose grade reports she so relentlessly yet cheerfully pursued over the

years will all be saddened at the news of her passing. They will recall that she always had a good word for her students, and that she carried out her demanding work with real devotion and with good humor, always.

Her family has suggested that a memorial fund be established in her name at the Institute. Contributions can be made to the Marrie Casey Memorial Fund, Caltech.

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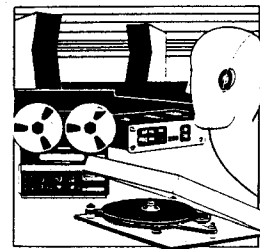
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New Grad Housing

by Michael Chwe

The housing space for single students doubled this year with the opening of the new Graduate Houses on Catalina street. The new complex can house 155 occupants and one manager, Cliff Frieler, in 39 identical four-person units. Each fully furnished unit is air conditioned and centrally heated, and has a kitchenette, two bathrooms, four bedrooms with walk-in closets, and electric water heater, and a small but cozy living area.

The opening of the new houses has greatly eased the housing situation for single graduate students. The previous two year limit on occupancy in the Holliston grad houses has been lifted. No occupancy limit has been set for

the Catalina houses.

The Catalina houses are currently filled. All but twenty of the occupants are first year graduate students, and there are many foreign student occupants. There are twelve women and 143 men living there now. Currently the policy is for each unit to be single-sex, but this may change. The houses are for single students only.

The complex includes a lounge, which will be furnished according to the students' preferences with anything from pool tables to a big screen TV. The atmosphere of the complex is cheery and warm. Especially pleasant are the landscaping and structural use of wood.

The complex cost \$3.5 million to build and furnish. The rent is \$220 a month, plus utilities, which are split up four ways in each unit. Currently there are about ten people on the waiting list, and applications are still being accepted.

Rotation

from page 1

day: their merits, flaws, whether they are liked or disliked, what they would add or take away from the house, and, in general, whether the people would like to have them live there or not. Each of the new students will be rated based primarily on these discussions (see below).

This procedure continues from Sunday until Friday, the new students visiting a different house each day, and returning to their "home base" to spend the night. Each evening the upperclassmen meet again to talk over the students assigned them for that day.

On Saturday, however, the procedure changes slightly. The new students stay in the house in which they have been living for the past week and have lunch there. The students are again encouraged, but not required, to eat and later talk with the residents of that house.

After meeting these residents, the new students have hopefully gotten to know each of the seven houses and are now expected to submit a form listing the houses in which they would prefer to live. *the students have until 3:00 pm on Saturday to submit their preferences.*

Later in the afternoon, the house residents meet again, just as they did from Sunday until Friday, to discuss the students they have met on that particular day. Then, in the evening, the upperclassmen meet again, this time to rank the students who have chosen their house to live in.

The upperclassmen list the ten or twenty most wanted and the ten or twenty least wanted (although all students are ranked). This information is intended to guide the president and other representatives of the house in Sunday's grand meeting, where the new students will be assigned to a particular house based on the houses' recommendations.

This meeting is also private,

but at 7:00 pm on Sunday the students may find out which house picked them by checking the door of the house president for the list of the new members of that particular house.

If they have been accepted to this house, they are welcomed as new members—in many of the houses this entails being showered. All new students should know that if they do not wish to be showered, they may tell the house members, and no one will shower them.

If the new student has not been accepted into this house, he must go to the president's door of each house until he finds out which house has accepted him. *All new students will be admitted into one house.*

Shortly after this, the new students will move into the house which picked them and will begin life at Caltech as members of that house.

The above is only a brief description of their actual process. Further information may be found in the *Rotation Rules*.

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Commentary

Welcome...

by Charles Hershey

Freshmen and transfers, welcome to Caltech!

Caltech is a neat place and it has a lot of neat things to offer. You (as an undergraduate) can sit around at breakfast, say at frosh camp, with faculty members who are known internationally in their field and talk with them as if they are just people. While here as an undergraduate, you can work for a research group doing real honest to god research (this is strongly recommended).

You will have the opportunity to get completely blown away in a course that other universities wouldn't dare teach to undergraduates, and maybe-just in your freshmen year! You are surrounded by a lot of brilliant people with many varied and amazing talents, and, believe it or not, you are one of them.

People here will usually trust you, which feels really strange until you get used to it. It also feels pretty good. I can remember from my first days on campus a time when I needed change. I went into the room of the treasurer of one of the houses. I told him what I wanted. He pointed me to a box of change trusting me to make the exchange myself even though I'd never seen him before and I assume he did not know who I was.

But just because a lot of neat things happen here and the place is loaded with intelligent and talented people, don't assume that all is roses or the best that it can be. Don't even assume that things must be as they are, because the don't have to be.

There is a lot of room for change and improvement at Caltech and that is the only way that the abilities of the people here will make any difference: if we use these abilities to make our experiences at Caltech the best that they can be.

You are now a part of the Caltech community, and it is a very small community (particularly the undergraduate body). What you do and how you conduct yourself can have a profound effect on the rest of the community.

In the coming week you will be involved in a process called rotation. During that time you will go from house to house where you will meet members of the houses. After a few hours of socialization, the house members will meet privately to rate you and the other new students.

At the end of the week, the different houses will again meet in private (separately of course) to rank the new students. This process of rating and ranking has been described as anything, from "necessary to protect the personality of the houses" to ugly, disgusting and a "meat market".

If the idea of this process doesn't bother you...well, what can I say? But if it does, you are not alone and you don't have to hide your feelings just to fit in.

The suggested method for going through rotation is to close your eyes to what's going

on and enjoy it. In other words, if it bothers you, ignore this fact and by the time it's all over, your feelings about the process will be effectively buried and you will think, "Hey, maybe rotation isn't so bad after all."

I strongly disagree with this suggestion because it has the effect of teaching people to accept something, by discounting their feelings, that they might otherwise object to and decide to change. This is the reason I am even bothering to mention this in detail.

Rotation and the house system as well as many other aspects of undergraduate life are not dictated to us from above (the administration), but were created of, by, and for the undergraduates, and we can change them.

In addition, when it comes to things that are not directly under the student's control, the administration and faculty can be very receptive to student input. But the students still have to take action and make decisions to get things done.

If you don't like the way something is here, you can probably change it. Don't close

your eyes. Open them, even during your first few days here.

Let yourself know what you like and don't like. You're probably not the only one to feel as you do. And, of course, Get Involved!

Folk Facts

Caltech may not be known as a local cultural center, but it does have the best series of folk music concerts of any college campus in Southern California. The Caltech Folk Music Society organizes concerts on campus about once a month, representing a wide range of musical styles. The organization receives little funding, other than some funds for subsidized student tickets, and is run by Caltech students and some off-campus volunteers. The next three concerts are:

- Friday, September 28, 8pm in Dabney Hall featuring Thom Moore and Janie Cribbs, from the local Irish group, Train to Sligo, and Boston-based singer/songwriter/guitarist



Geoff Bartley, in his first L.A. concert.

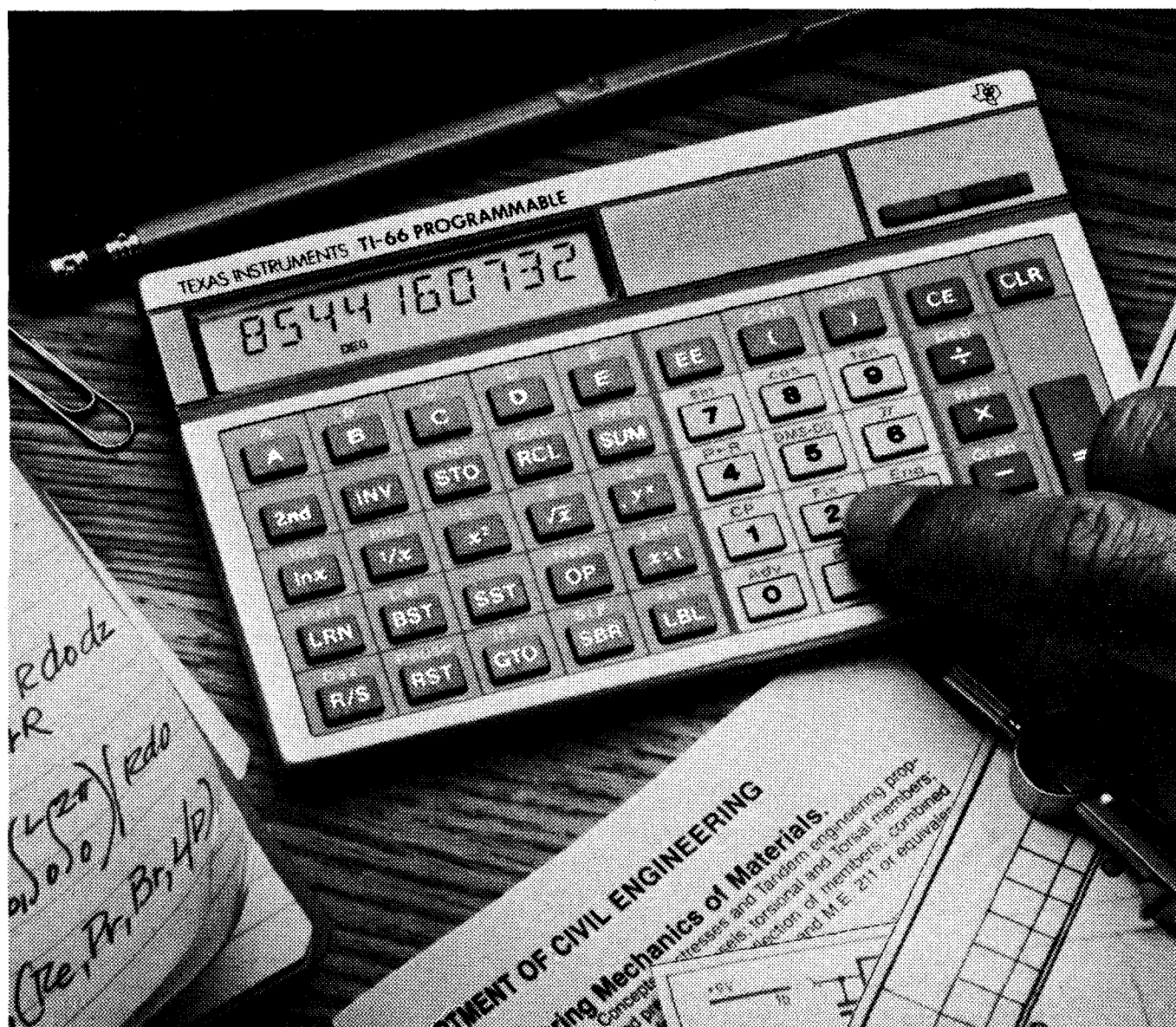
•Friday, October 19, 8pm in the Winnett Lounge will be a return performance of Carla Sciaky, who performs music from the British Isles, Europe, and America and also writes wonderfully. She accompanies herself on the guitar, psaltery, and fiddle. Appearing with Carla will be Celtic harper, Kim Robertson.

•Saturday, November 17, 7:30 pm in Dabney Hall will be "Songwriters' Night" with three world-class musicians, Don

Lange, Dick Pinney, and Bob Franke, who will each have a turn to present their own material.

Tickets for these concerts are \$3 for Tech students and \$5 to \$6 to the public; tickets are available from the Caltech Ticket Office, behind Beckman (356-4652).

If this sort of thing sounds interesting to you, perhaps you might like to get involved in the running and planning of concerts. Interested people should contact Brian Toby at 356-4181.



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polemic 1: an aggressive attack on or refutation of the opinions or principles of another
2: an aggressive controversialist

The Polemic

A monthly journal of opinion

Volume 1, Number 1

First Issue

Kulbickas
TobyPitts
Warr

This is The Polemic (po lem ik)

Read this
and write

This is the first issue of The Polemic, a monthly magazine in *The California Tech* devoted to political, economic, and social affairs. We hope that these humble pages will help to raise the level of awareness here at Caltech by providing the community with a place to discuss important issues.

The idea for The Polemic started with Mike Kulbickas, over the summer. The rest of us joined him in the belief that Caltech needs a magazine in which discussion, even controversy, is encouraged in order to generate interest and awareness. The Polemic does not take any ideological stand. We want our discussions to be as broadly based as possible, with many viewpoints represented. We need our readers not only to appreciate, but to **participate**— to express their opinions in these pages. We

need **everyone** to participate— undergraduates, graduate students, faculty members, staff members, and especially you.

Everyone has something they care about. Write about something you care about. Address it to The Polemic, 107-51, or drop it by the Publications Office, on the ground floor of Winnett Student Center.

We hope you like our first issue. If you don't like it, write, and help us make the next issue better. If you do like it, write, and help us make the next issue even better.

The Polemic is edited for The California Tech by Michael Chwe, Nadeem Ghani, Michael Kulbickas, and Behzad Sadeghi.

Miss America and *Penthouse*

free from
puritanical
hypocrisy

There was great deal of flap over the announcement by *Penthouse* publisher Bob Guccione that he would publish photos taken of Ms. Vanessa Williams, crowned Miss America last year, in which she appears nude in sexually explicit photos with another woman. The "family" oriented media took their usual sanctimonious holier-than-thou attitude and condemned her "shameful" conduct, and despicably went for the publisher's throat, calling him many nasty names in the process. The newspapers all tsk-tsked over how she failed to tell everyone in the pageant, disqualify herself, and not corrupt the morals of youth, etc. Former Misses America denounced what she had done, saying that they didn't have to sell **their** bodies to get where they are (at least not in *Penthouse*, anyway.)

The reaction of the directors of the Pageant was swift and predictable. The Pageant insisted she return her crown on the grounds that her behavior was not in keeping with the "morals" espoused by the Miss America Pageant. One of them stated that he couldn't show the photographs to his wife, they were so disgusting. I wonder, was it the exposure of her lovely body? Was it the implied lesbian behavior? Was it that they were published in *Penthouse*? Was it all of these? Was it because they were in black and white?

The fact that the Miss America Pageant takes beautiful young women, slides them into tight "bathing suits" for the "swimsuit competition" and displays them on national television for the entire country to see, doesn't seem to enter into any of this. Any

Mike Kulbickas

man past puberty knows that the Miss America Pageant is a "meat market," to put it bluntly. If you've ever seen a group of men sitting around watching the pageant you know this is true. Statements to the contrary are baloney. And don't even dare mention anything about the "talent" competition.

The conduct of the unfortunate girl was depressingly no better than that of those who made her give up her crown. Instead of standing up for what she did, which she must have felt was not wrong at the time she did it (or at least not wrong enough to not go through with it), she instead chose to be a part of the same hypocrisy that has seemingly seriously damaged her career. This is really the sad part: instead of taking charge of her rights to do with her body as she pleased, she blamed her actions on inexperience and youth. Instead of exposing the hypocrisy of the Miss America people, she chose to give in to their demand that she relinquish her crown. Instead of being proud of her undeniably beautiful body, she chose to be ashamed of having posed nude.

When is American society finally going to be free from puritanical hypocrisy? When will the human body cease to be regarded as something shameful and sinful to be covered up? When will punishment cease for those who feel, think, and do otherwise?

Mike Kulbickas is a contributing editor to The Polemic.

A Dismal Shame

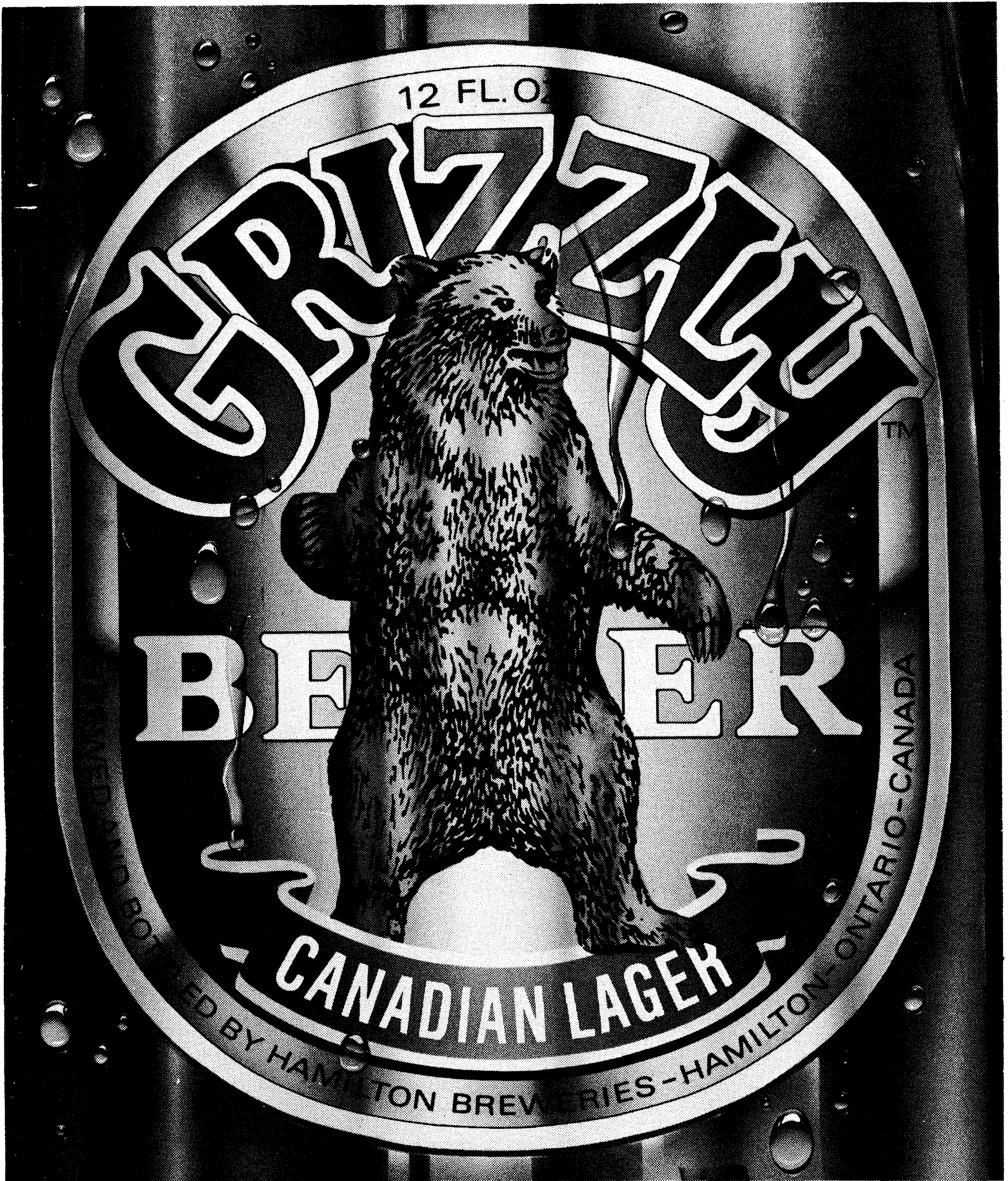
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After viewing the PBS series on the Vietnam War, one could hardly resist the temptation to wonder how different this country would have been had not Kennedy and Johnson made the decisions they did to enter the United States into the Vietnam War and further escalate U.S. involvement in it thereafter, and thus cause the deep polarization of our society that existed in the late sixties and early seventies. One can understand perhaps how the youth who were obligated to provide the real sacrifice of policies dictated by the "older generation" might disagree with

such policies.

Interestingly enough, we have today another agent that has caused a definite degree of polarization, our current President, Ronald Reagan. This is perhaps most clearly evidenced by the upcoming election. In fact, just ask somebody who claims to support Mondale why they do so, and he'll give the things about Reagan that they perceive not to like and rarely anything about Mondale that they do like. The presidential election is one huge "yea" or "nay" on Reagan. But the 64 dollar question is, "why?"

Steve Pitts



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That the division occurs in both domestic and foreign affairs is clearly evident and for the purpose of this brief article, only the former shall be discussed here, leaving the latter topic the subject for the next opinion article (since it is intrinsically a much more difficult topic to grapple with.)

Few would try to contend with the fact that the economy has improved remarkably from the days of wonder boy, Jimmy Carter. Inflation has come down from over 20% to 4% (if it hadn't, prices would have doubled by now), interest rates have fallen significantly, and over seven million new jobs have been added to the economy so that we now enjoy the highest percentage of per capita employment ever in a peacetime economy. So why haven't conservatives and liberals alike embraced this amazing success story?

No, it appears that this division is not founded upon actual measurable results but rather upon deep ideological differences. What really irks the "liberal establishment" is that Reagan's success is founded on a very simple principle and they fear that the American people will learn something by this in the process. That simple principle? People respond to incentives. If you reward people for the efforts they exert and the risks they take, then they will indeed do so. If, on the other hand, you promise everybody the same reward no matter what efforts they would exert, then nobody has an incentive to do very much and much less to take a risk and so you will surely begin to suffer from a spirit of "national malaise." To initiate this policy of providing people with incentive, you need less government, not more. People are beginning to understand that real prosperity comes from the private sector, and not from government promises of prosperity through social expenditure programs which can only be financed by reducing the rewards for success in the private sector and thus crippling it.

To give you a clear example of this, consider the case of the "national industrial policy" that was so popular in the early eighties among several prominent liberal politicians and remains so. The case in point is that since the middle nineteen seventies the heavy "smokestack" industries in the United States and Western Europe have been in decline due to other competition and a general fall in demand. To curb this trend both Britain and France initiated huge government aid programs for the past several years to help these floundering industries in their own countries. The industries are still worse off and the revenue that these governments had to extract from the rest of their economies to support this aid further depressed their economies.

The net result of these government programs to save jobs resulted in an actual loss of jobs (about two million). The Reagan Administration, on the other hand, stopped the spiral

of ever-increasing taxes by simply holding them level and added some tax cuts and so provided the right environment for the growth in new sectors of the economy resulting in the addition of over seven million new jobs to our economy. The socialist Prime Minister of France, Francois Mitterand, was so impressed by this American economic success that he has now begun to attempt to move his country in the same direction. It is a shame members of our liberal establishment could not be persuaded by the economic miracle that we have witnessed, but this is unfortunately not the case. The former Democratic contender, Gary Hart, had as one of his new ideas the following: every industry would be delegated as a sunset or sunrise industry. Those in the sunrise category would be taxed much more extremely to provide aid for the sunset industries. The sunset is a beautiful thing but not when it sets across the entire American economy. Gary Hart's plan would have assuredly turned those blooming sunrise industries into defunct dinosaurs, for who would want to undertake a very risky research project at enormous cost knowing that any potential reward would be quickly snatched away for dying industries who, by the way, would continue their downfall anyhow. The lesson has been learned the hard way in Europe, and few of the intellectual left here have taken note of it.

Reagan was an actor, not an economist, nor a sophisticated intellectual, but a person who understood basic human nature. His liberal opponents who refuse to learn from fact, slander him in every way possible, trying to paint him as a simple minded wild riding cowboy. There is little use in having a broad education with "high noble ideas" if one can't learn from reality. A wiser person would take note of the vast store of evidence readily available to us and heed its message well. It is unfortunate that many would rather react from their gut, cling to their failed liberal philosophy that was so valiently spearheaded by Jimmy Carter, and refuse to accept the real hardcore evidence that these last eight years have brought us (the four by Jimmy Carter and the latter four by Ronald Reagan).

Imagine if Ronald Reagan is elected for a second term and those policies which he initiated are continued. The resulting prosperity will no doubt be well appreciated. The liberal establishment fears nothing more. For then the American people will take heart and never listen to promises from liberal politicians on how the government is going to help them and that they know what's best for us. The American people won't buy it and so the liberal establishment will have little place in the American political arena trying to control other people's lives, and will have to worry about their own. What a dismal shame.

Steve Pitts is an undergraduate in economics.

Whose Country is it, Anyway?

Put some
energy into
improving
our country

Get involved! Between now and November 6, do something important — put some energy into improving our country. I have heard people complain in previous years that they did not want to vote for either presidential candidate. But that certainly should not be the case this year. On November 6, we can elect the Mondale/Ferraro team, two outspoken people, who respect the wishes of the majority of our country. (Even the majority of the delegates at the Republican convention support a nuclear freeze and oppose a constitutional amendment outlawing abortion.) Or we can reelect a President who thinks a nuclear war can be contained and won (and who can even make jokes about it!) This is the same President who ran, promising to balance the budget, but instead doubled the national debt and quadrupled the national deficit!

Do you want to have a say in any of these issues? If so, first make sure that you are registered to vote. Any American citizen, who will be over eighteen on November 6, and who is not currently imprisoned or on parole for a felony, may register to vote. You must register to vote 29 days before the election. Filling out the registration form takes about two minutes. You can even pick up the form at the Caltech Y or call me (Brian at x4181) and I will help register you. Do it now, lest you not remember until it is too late!

Many of us on campus are acting on our desire to see that Ronald Reagan gets the retirement he so richly deserves. Don't be misled by the polls putting Walter Mondale and Geraldine Ferraro far behind. Elections are won by Electoral College votes

Brian Toby

and the races in the states with largest number of the Electoral College votes are primarily ones where the polls are close. California is one such important state and has been targeted by the Democrats for heavy campaigning. However, speeches and media coverage are not enough. We need also to work at the grassroots level to get the true information out on the results of four years of Reaganomics and we must also work hard to register plenty of new voters. Unlike the Republicans, we don't have lots of money to get this done. (Why does the Republican party get so many donations? Ask instead why one third of Reagan's income tax cut went into the pockets of his friends — the richest 4.4% of the population.) Thus, the Democrats need everyone who can volunteer time for the campaign, even if only for an hour or two.

Why should you get involved? You'll probably have a good time; you'll get the chance to meet other interesting and involved local students and community members; you will be taking an opportunity to help control your country rather than letting other people control your life.

How can you help? Contact the Altadena/Pasadena Democrats at 304-9894 or stop by their office, on 739 E. Walnut, one block west of Lake. Put in a few hours on voter registration. The election is only a month and a half away, so there is no time to waste.

Brian Toby is a graduate student in Chemistry.

Prospects for Northern Ireland

Brian J. Warr

people now
have a right
to live
happily and
peacefully

The human tragedy of Northern Ireland is sufficiently large for most people to ignore. Children grow up knowing only violence and decay. Every day, they see the streets patrolled by the British Army—those streets, that is, that they're allowed to see. There are no jobs for them, of course, for they are condemned by the Free Market. The safe shore of the Mainland is a better place in which to invest.

It's not clear whether even the relevant Governments, those of Britain and Eire, actually care. No agreements of any substance have been made since the outbreak of trouble in 1968. In Britain, indeed, we now have a Prime Minister, Margaret Thatcher, who appoints a cabinet minister to the post of Secretary for Northern Ireland as a punishment worse than sacking.

A major problem is that emotions run deep and memories long when it comes to the "Irish Question." Totally pointless religious and national controversies surround and strangle any reasonable thought, and turn the disputants into fanatical bigots.

The fuel for these prejudices is History, so let me first dispose of that.

Let's say it all began with the Battle of the Boyne in 1654, when English troops conquered Ireland. The indigenous population remained subjected for centuries, exploited mercilessly by the English Overlords, and savagely and cruelly suppressed.

And what's more, dare I say, the English established their own church.

Occasionally, life for our heroes got even worse, as in the Great Potato Famine around 1820. Millions fled from starvation to, of all places, England. There they were savagely and cruelly suppressed again, but after all so were most English people. Others fled to America and got a similar reception.

The story so far has absolutely no "meaning" for today, which is precisely why I mention it. In particular, it does not imply that British troops should now be withdrawn from Ulster, nor that Ireland should now be united. For what should happen today should be entirely dictated by today's standards, and they dictate simply that people now have a right to live happily and peacefully. Whether or not people lived happily and peacefully in the past is academic.

The first historical event of any relevance was the Industrial Revolution, for it was this which shaped Ireland into two.

Industry flourished in the North, making Belfast a major port. The mainly Protestant "Anglo-Irish" improved their living standards and wanted to remain friendly with mainland Britain, which was the entire source of trade. The South, meanwhile, stagnated. The old-fashioned agrarian economy refused to change, and suffered as a result. Jealousy crept in.

It was in this environment that the Campaign for Home Rule began in the South. The campaign wanted Home Rule for all of Ireland, but the North wished to remain loyal to the Crown. That was the problem one hundred years ago, and it remains the problem today.

Basically, people in the North feared then that an all-Ireland government would cause a financial drain and ruin trade. Also, there was the religion: they would be going from a majority position to a minority position.

Apart from the vain efforts of W. E. Gladstone, British Governments preferred to ignore the Irish Question, and let it fester on until the outbreaks of violence in 1916. The makeshift solution, settled by an Act of Parliament in 1920, was to partition Ireland into Ulster and the South, each with its own Parliament, and both beneath Westminster in matters of budget and defense. The Southern Parliament fought for and won these ex-

tra powers, and in 1948 Eire came into existence as a fully independent country. It still retained, however, its desire for a united independent Ireland, and enshrined that goal indeed in its constitution.

The reader should object that even this more recent history is still academic. Well, almost true.

The 1948 Eire Constitution, I point out, survives today, and is still a major stumbling block. It is not a document, I'm afraid, of the same exalted calibre of the U. S. Constitution. Rather, it prescribes a religion for the State and is intolerant of others. A recent addition to it fully underlined the gravity of this, making abortion unconstitutional. This is sufficient ground in itself for the North to shy away from unity.

In the 1960s the Belfast Parliament provoked the 1968 outburst. The Catholic minority were heavily discriminated against and faced violent threats from extreme Protestants. They wanted to fight back, and found their allies in the Provisional Irish Republican Army. After four years of bloody terrorism from both religious camps, Westminster decided that the best plan for peace was to send in the British Army and segregate the population. The Northern Ireland Assembly was disestablished.

That was twelve years ago. The Army is still there. The violence, it's true, has reduced somewhat, but its task is a thankless one. It would be a major breakthrough if the Army could be withdrawn, so we must examine how this is to happen.

Firstly, the minority Catholics must feel happy and safe or we'll return to 1972. This requires a new non-sectarian political structure. In turn, this requires the Protestants to behave responsibly. I hope the last sixteen years of misery has taught them that.

The Provisionals and the Extreme Loyalists, meanwhile, will undermine this new parliament as best they can. These terrorists must be eliminated. They deserve no one's sympathy. Their "political acts" are based purely on old prejudice. They fight for "The Cause" but that cause is bankrupt. They have no interest in peoples' happiness, and that is all that we're interested in.

In terms of sheer numbers, the Provisional I.R.A. is the major enemy of peace. How can they be stopped?

The answer is surprisingly simple. The Chiefs live in the United States, raising money for arms. (Eire itself is too dangerous a place to stay since the Courts there have been increasingly efficient in stamping out gun-running.) The British and American intelligence services know exactly where these people are, and all that's needed to bring them to trial in Ulster is an extradition treaty between the U.S. and Britain. The I.R.A. organization would be finished.

Essentially, the policy of the British Government is to wait for the treaty to be signed. But this is not good enough. It must convince the U.S. that it can set up a fair parliament in Belfast once violence has ended, and have those plans open and ready. It must convince the U.S. that it places no bars on Unity, and will let the people of Ulster decide their own future.

The end of the tragedy lies in the hands of America and it's not an easy decision. America knows itself of British imperialism, and has a huge population descended from the beleaguered Irish of one hundred and fifty years ago. Centuries of moral evil are marked down on the British scorecard. Should it not support Unity, and those brave freedom fighters, the I.R.A.?

No. The I.R.A. fights for no one's freedom, and the scorecard doesn't count. Only the future matters.

B. J. Warr is a graduate student in Theoretical Physics.

Next Issue: 1984 Elections
Who do you support? Why?

Write for The Polemic
Send articles to 107-51

Caltech Rotation 1984

Student name	Sun	Mon	Tue	Wed	Thu	Fri	Sat								
Anafi, Dan Z	RU	DA	FL	BL	RI	PA	LL	Lee, Kevin K	PA	RU	FL	BL	LL	DA	
Anderson, Laura M	LL	BL	FL	PA	RI	RU	DA	Lengyel, Jerome E	BL	FL	PA	RU	DA	DA	LL
Arrieta, Richard M	FL	DA	BL	LL	RI	PA	RU	LePome, Lisa A	LL	FL	RU	DA	BL	BL	PA
Assad, Christopher	PA	RI	DA	FL	BL	LL	RU	Lewis, Glenn M	RU	DA	FL	LL	BL	BL	PA
Babson, Eric K	LL	PA	BL	RI	FL	RU	DA	Li, James C	PA	FL	RI	RU	DA	BL	
Bajura, Michael A	RU	BL	LL	FL	PA	DA	RI	Liao, Lushalan B	BL	PA	DA	RU	RI	LL	
Bambha, Ray P	RU	DA	RI	PA	LL	BL	FL	Lieske, Jay H	DA	LL	PA	BL	RI	FL	
Beckenbach, Joseph R	DA	RI	RU	LL	BL	FL	PA	Lin, Hank I	RI	DA	LL	FL	PA	RU	
Beresford, Jason R	BL	PA	RI	FL	RU	LL	DA	Lin, Kenneth K	LL	RI	BL	PA	RU	FL	
Berman, Mark	DA	RU	RI	LL	FL	PA	BL	Lipin, David H	FL	BL	DA	LL	PA	RI	
Bertani, Christofer	PA	RU	RI	FL	LL	BL	DA	Lukens, Wayne W	LL	RI	RU	DA	FL	BL	
Bhansali, Vineer	PA	FL	DA	BL	LL	RI	RU	Luo, John	DA	LL	PA	BL	FL	RI	
Bikle, Daniel	BL	PA	LL	DA	FL	RU	RU	Ma, Timothy J	PA	FL	DA	RI	LL	BL	
Blaine, Patrick A	RU	BL	LL	PA	DA	RI	FL	Mandani, Hanif	LL	FL	BL	RI	DA	PA	
Bond, Christopher L	RI	DA	BL	FL	RU	LL	PA	Markey, Ron A	PA	RU	RI	DA	BL	LL	
Bopp, Christopher P	RU	BL	FL	PA	LL	RI	DA	Martin, Gregory A	FL	LL	PA	DA	BL	RI	
Bownds, Randall W	RU	FL	DA	RI	LL	PA	BL	McCauley, Scott D	FL	RI	BL	LL	RU	DA	
Bredoff, Shane	FL	BL	RI	PA	DA	LL	RU	McNamara, Sean C	LL	PA	FL	DA	BL	RI	
Brinck, Thomas G	FL	RI	LL	BL	DA	PA	RU	McQuirk, Ignacio S	BL	RI	DA	RU	FL	LL	
Brown, Leland F	RU	PA	DA	FL	RI	LL	BL	Meuret, Henry L	DA	FL	BL	PA	RI	LL	
Bruning, David J	FL	LL	DA	PA	BL	RI	RU	Mgrdechian, Richard	BL	FL	RI	LL	RU	DA	
Burch, Robert C	FL	PA	BL	DA	LL	RU	RI	Miskovich, Rusty S	LL	DA	PA	RU	RI	BL	
Burroughs, Michael B	DA	RU	RI	BL	FL	LL	PA	Missios, Demetrios B	DA	RI	BL	FL	PA	LL	
Busacker, James W	FL	RU	BL	RI	PA	DA	LL	Moberly, Raymond B	LL	PA	DA	RI	BL	FL	
Cabral, Paul A	FL	BL	PA	RI	RU	LL	DA	Mohd.yusof, Jamaludin	BL	LL	RI	FL	DA	RU	
Calle, Guillermo A	RU	DA	BL	PA	LL	FL	RI	Moreland, Lee Anna	DA	LL	RU	FL	PA	BL	
Campbell, Andrew J	RU	FL	BL	LL	DA	RI	PA	Murray, Todd W	LL	DA	PA	RU	RI	BL	
Catanzaro, Brian E	RI	RU	DA	PA	BL	LL	FL	Naffziger, Samuel D	RI	LL	FL	RU	BL	DA	
Cha, Hungse	PA	LL	RU	DA	FL	RI	BL	Nayvelt, Lev	LL	FL	RU	BL	DA	RI	
Cha, Lloyd C	BL	RI	FL	RU	LL	PA	DA	Needham, Kenneth E	RI	FL	RU	LL	DA	PA	
Chakrabarti, Suman	BL	LL	RI	DA	PA	RU	FL	Neugebauer, Charles F	RI	DA	BL	FL	RU	LL	
Chaney, Kenneth W	DA	RU	PA	BL	RI	FL	LL	Nguyen, Bao Uyen	FL	PA	BL	RU	DA	LL	
Chang, Douglas	LL	BL	RU	RI	FL	DA	PA	Nikoleris, John	RI	LL	BL	PA	RU	FL	
Chang, Tylis Y	LL	FL	RU	DA	PA	BL	RI	Nishikawa, Owen K	BL	DA	FL	LL	RU	RI	
Chen, Catherine T	RU	RI	DA	FL	PA	LL	BL	Nolle, Christopher S	RU	FL	PA	RI	DA	BL	
Chen, George T	PA	RI	LL	FL	DA	BL	RU	O'dea, James A	BL	DA	RI	LL	RU	PA	
Chizever, Brian M	RI	DA	LL	RU	PA	FL	BL	Okamoto, James K	RI	RU	DA	FL	LL	PA	
Chow, Vincent J	PA	DA	LL	BL	FL	RI	RU	Okamura, Van T	RI	BL	PA	DA	LL	FL	
Christensen, Eric J	RU	PA	DA	FL	LL	BL	RI	Othmer, Konstantin E	FL	BL	DA	LL	RI	RU	
Cornejo, Gabriela T	BL	RI	RU	LL	DA	PA	FL	Owens, Keith J	PA	RI	FL	LL	DA	BL	
Coykendall, James B	FL	BL	LL	RI	DA	RU	PA	Pavletic, Nikola	BL	DA	FL	RU	LL	PA	
Daniel, James N	FL	DA	RI	RU	PA	BL	LL	Pele, Andrew D	LL	PA	FL	RU	DA	BL	
Daniels, Brian P	DA	RU	LL	BL	RI	PA	FL	Peters, Janice L	PA	DA	LL	RI	FL	BL	
Davila, James A	FL	LL	RI	DA	PA	BL	RU	Pham, Son V	BL	LL	RU	FL	DA	RI	
Dean, Christopher T	LL	RU	PA	BL	RI	DA	FL	Pham, Thai N	FL	RI	RU	DA	BL	PA	
Delgadillo, Kevin F	PA	FL	DA	RI	BL	LL	RU	Phan, Ky-anh D	RU	BL	PA	DA	RI	LL	
Do, Vinh Van	FL	PA	LL	RU	BL	DA	RI	Phillips, David F	RI	BL	PA	DA	LL	RU	
Dodd, Christopher T	RI	PA	RU	DA	LL	FL	BL	Pillsbury, Dana M	FL	PA	BL	LL	RI	RU	
Douglas, Michael H	LL	RU	BL	FL	PA	RI	DA	Poppleton, Kenneth	BL	RU	DA	FL	LL	RI	
Dubinsky, Mark	LL	RI	BL	PA	DA	RU	FL	Porter, Brian	BL	RU	DA	FL	LL	RI	
Edwards, Richard P	RU	PA	RI	BL	FL	DA	LL	Porter, Mark A	PA	FL	RU	DA	LL	RI	
Edwards, Stephen H	RU	LL	FL	DA	RI	BL	PA	Pravica, Michael G	RI	PA	BL	DA	FL	LL	
Ely, Dave	BL	PA	RI	DA	RU	LL	FL	Pugh, Phyllis C	RU	BL	DA	FL	LL	PA	
Erickson, John F	PA	RU	LL	RI	DA	FL	BL	Rhineland, Charles M	PA	FL	DA	RI	BL	LL	
Fashena, Jonathan M	RU	LL	PA	FL	BL	DA	RI	Ridgway, Susan E	BL	LL	DA	RI	RU	FL	
Ferreira, Dean	DA	RI	LL	BL	FL	PA	RU	Ritchie, Stephen	RU	LL	FL	BL	RI	DA	
Fico, Nancy J	RI	DA	RU	PA	LL	FL	BL	Robb, Roberta L	BL	LL	FL	RU	PA	DA	
Flint, Kevin E	FL	BL	RU	DA	RI	LL	PA	Roberts, Doug A	LL	PA	DA	RU	BL	FL	
Ford, Jeffrey	PA	RI	RU	DA	LL	FL	BL	Roberts, James D	FL	DA	RI	BL	RU	LL	
Foster, William J	DA	PA	RI	BL	LL	RU	FL	Rossiter, Arthur W	PA	LL	DA	RI	FL	BL	
Fu, Terry	RI	RU	LL	FL	BL	PA	DA	Ruvalcaba, Ruben	DA	BL	FL	PA	RI	LL	
Fullmer, Glen	RU	RI	PA	LL	DA	BL	FL	Salser, Stephen	BL	RI	LL	DA	RU	FL	
Fussell, Mark L	RI	RU	PA	BL	DA	FL	LL	Savoj, Hamid	BL	FL	DA	LL	RU	PA	
Gajic, Dragan	RU	LL	DA	FL	RI	PA	BL	Sayano, Masahiro	PA	FL	BL	DA	LL	RI	
Gates, David A	LL	PA	RU	RI	BL	FL	DA	Scharin, Eric G	RU	LL	PA	DA	BL	FL	
Gehring, John C	RU	BL	LL	PA	DA	FL	RI	Scherman, Peter M	BL	DA	PA	RI	FL	LL	
Gerhart, Susan M	DA	BL	LL	PA	FL	RU	RI	Schlueter, Linda M	RU	FL	RI	DA	BL	PA	
Giaimo, Lisa M	LL	DA	BL	RU	PA	RI	FL	Schock, Fred	FL	PA	BL	LL	RU	RI	
Gilman, Alexander	FL	RI	PA	LL	BL	DA	RU	Senft, Mel E	LL	RU	PA	DA	BL	FL	
Gilman, Laura B	LL	DA	FL	RI	PA	RU	BL	Serfas, Michael S	PA	RI	BL	DA	FL	RU	
Goh, Choon	FL	DA	PA	LL	RI	RU	BL	Sharma, Bineet S	RU	FL	BL	DA	RI	LL	
Goldreich, David	FL	BL	RU	RI	LL	DA	PA	Shastri, Sarvjit D	DA	RU	BL	PA	RI	FL	
Goodman, Ron C	FL	RU	LL	RI	BL	DA	PA	Shen, Rebecca Y	LL	FL	BL	PA	RI	DA	
Greason, Jeffrey K	DA	BL	FL	LL	RU	PA	RI	Shiang, Joseph J	DA	BL	RU	RI	PA	LL	
Green, Robert C	RI	FL	RU	LL	DA	BL	PA	Siegel, Lawrence	RI	FL	DA	RU	BL	PA	
Gwon, Jung S	DA	BL	RI	RU	FL	PA	LL	Slate, William B	BL	PA	FI	DA	LL	RI	
Hagen, Jeffrey D	PA	RI	DA	LL	BL	RU	FL	Slovik, Adam	LL	RI	PA	BL	RU	DA	
Hamkins, Joel D	DA	LL	PA	RU	FL	BL	RI	Smith, Michael D	RI	LL	FL	RU	BL	PA	
Hammond, James A	PA	DA	FL	BL	LL	RI	RU	Smith, William C	DA	LL	PA	FL	RU	RI	
Hassler, Christopher P	DA	LL	FL	PA	RU	RI	BL	Soderbery, Robert W	RI	BL	LL	DA	PA	FL	
Haynes, Kenneth D	FL	PA	RI	LL	BL	RU	DA	Solberg, Bradley E	LL	PA	FL	RU	DA	BL	
Herant, Marc	RI	BL	RU	LL	FL	PA	DA	Stein, Vaneric E	RU	RI	DA	LL	BL	FL	
Himmelstein, Matt S	BL	LL	PA	RI	DA	RU	FL	Stephenson, Bryan C	RU	RI	FL	BL	PA	DA	
Ho, Francis	BL	PA	RU	FL	RI	DA	LL	Stewart, Jason E	DA	BL	RU	PA	LL	RI	
Hong, Wonhyuk	LL	DA	FL	PA	RI	BL	RU	Tarle, Ivan	RI	LL	BL	FL	PA	DA	
Hoover, Eric N	DA	BL	RI	FL	RU	LL	PA	Taylor, Michael G	RI	RU	BL	PA	LL	FL	
Horiuchi, Timothy K	RI	DA	FL	RU	PA	BL	LL	Tekanic, Jeffrey D	FL	RU	LL	DA	PA	RI	
Huh, Kwanghak	RU	BL	LL	RI	DA	PA	FL	Thomas, Eugene R	DA	FL	RI	PA	RU	LL	
Irwin, Kent D	DA	FL	LL	PA	RU	BL	RI	Thong, Seen-liang	FL	LL	RI	RU	PA	BL	
Jarecki, Robert L	FL	DA	RU	LL	PA	BL	RI	Tomita, Ross N	DA	BL	RI	PA	RU	LL	
Jelen, Seth L	DA	FL	PA	BL	LL	RI	RU	Tran, Minh Q	PA	LL	RI	BL	DA	FL	
Jemison, David B	DA	FL	RU	BL	LL	RI	PA	Tran, Thao N	RI	DA	BL	PA	FL	RU	
Johnson, Mark E	BL	DA	FL	RI	RU	LL	PA	Umminger, Christopher B	FL	RU	LL	RI	BL	DA	
Johnson, Ty R	PA	RI	FL	RU	BL	LL	DA	Valdes del Rieg, Sergio A	LL	DA	RI	RU	PA	BL	
Johnson, William J	RU	FL	BL	RI	PA	LL	DA	Van de Sande, Brett D	PA	LL	DA	RI	FL	BL	
Kable, Kenneth A	BL	LL	FL	RI	PA	RU	DA	Vogt, Nicole P	LL	BL	DA	PA	FL	RI	
Kamien, Randall D	DA	RI	RU	PA	BL	FL	LL	Wakayama, Sean R	RU	DA	LL	FL	PA	BL	
Kang, Dave Ku	DA	RI	BL	RU	FL	PA	LL	Warren, Michael S	LL	RI	RU	DA	PA	FL	
Kiyabu, Terrence Y	FL	DA	BL	RU	LL	RI	PA	Weaver, Samuel P	RI	FL	LL	PA	RU	BL	
Kledzik, Nicholas	RI	PA	RU	BL	LL	FL	DA	Wei, Alex	LL	DA	PA	RI	RU	BL	
Koh, Kristine R	RU	FL	RI	LL	PA	BL	DA	Wheeler, John D	BL	FL	RI	PA	DA	RU	
Koo, Edward L	RI	BL	DA	RU	LL	FL	PA	Wheeler, Kenneth B	RI	RU	BL	FL	DA	LL	
Lacroix, Matthew W	RI	FL	LL	DA	BL	RU	PA	White, Patricia M	DA	RU	FL	BL	RI	LL	
Lalli, Stephen	PA	RI	DA	BL	RU	FL	LL	Wiltse, John M	LL	RU	PA	BL	RI	FL	
Lam, Thientu Thi	FL	RU	BL	RI	LL	PA	DA	Winters, Stephen N	BL	LL	PA	RI	FL	DA	
Lashgari, Ali R	LL	BL	RU	RI	FL	DA	PA	Wong, Felicity M	RI	BL	FL	LL	PA	DA	
Lawrence, Taylor	FL	RU	PA	BL	DA	RI	LL	Wong, Yiu Fai Issac	RU	PA	FL	LL	RI	DA	
Lawson, Richard D	LL	BL	RU	FL	PA	RI	DA	Woods, Jordan E	RU	BL	FL	PA	DA	RI	
LePage, Cythia	LL	PA	RI	RU	BL	DA	FL	Wright, John	FL	RI	RU	BL	PA	LL	
Lee, Edwin Yoon	RU	DA	PA	FL	RI	BL	LL	Yango, Gloryanne	LL	RI	FL	BL	RU	DA	
Lee, Eun K	RI	FL	BL	PA	RU	LL	DA	Yin, Tung	RI	PA	BL	DA	RU	FL	
								Young, Robert C	PA	LL	RI	RU	BL	DA	
								Zell, Matthew M	LL	PA	RI	RU	BL	DA	
								Zirger, Arthur J	DA	LL	FL	PA	RI	RU	



The New RA's

Weekly Sports Calendar

DAY	DATE	TIME	SPORT	OPPONENT	LOCATION
Sat.	9-22	9:30 am	Cross Country	Westmont/Christ Coll.	Caltech
Sat.	9-22	4:00 pm	Soccer	Alumni	Caltech
Sat.	9-22	4:30 pm	Football	Cal Poly Pomona	Caltech
Wed.	9-26	3:00 pm	Soccer	Redlands	Redlands
Wed.	9-26	4:15 pm	Water Polo	Pasadena City College	Caltech
Sat.	9-29	All Day	Water Polo	Caltech Classic Tourney	Caltech
Sat.	9-29	9:30 am	Cross Country (M/W)	Occidental/La Verne	Caltech
Sat.	9-29	10:00 am	Soccer	Claremont-Mudd	Caltech
Sat.	9-29	1:30 pm	Football	Orange County Mariners	Caltech
Sat.	9-29	2:00 pm	Women's Volleyball	Clare-Mudd-Scripps	Caltech

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WELCOME FROSH

Dean's Office

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announcements

SWE


It means "Society of Women Engineers"—but it's not just for engineers or just for women. The Caltech SWE is an organization that makes available information to all undergraduates to aid them in career decisions before and after graduation. Events this year include a high school outreach program, and the annual "Dinner with Industry" which is an informal opportunity for students to meet with company representatives. The Caltech student SWE was also invited to participate in a resume book with UCLA, USC, Cal State L.A., and Cal State Northridge. Any undergraduate or graduate woman seeking to permanent or summer employment may submit a resume before October 14. Interested? SWE is having an informal session and an opportunity to become a member on October 4, from 4:30—5:30 pm in the Y Lounge upstairs in Winnett Center. If you have any questions, please contact Linda Liu) at 578-9735 or Janice Sakai at 578-9346.

Be a Cheerleader!

The Caltech cheer and yell leaders are looking for enthusiastic men and women to expand their squad. Absolutely no experience is necessary: all you need is two hands, two (left?) feet, a loud voice, and a little spirit. If you were a cheerleader in high school, if you knew a cheerleader in high school, or if you went to high school, you are just what we are looking for. Don't be shy.

Our co-ed squad is out with a fresh new look this year—cheering at more events and donning new uniforms. The first week of school, the men will meet to decide on their new uniforms. If you are interested, (or even if you are not), contact Debbie Pinck (1-55), at 578-9923.

WRITE FOR THE TECH



Caltech Grenada

Former U.S. Ambassador to Grenada Charles A. Gillespie Jr. will explain foreign policy objectives of the United States in Central America and the Caribbean during a talk at Caltech on Monday, Sep 24.

Mr. Gillespie will speak at Caltech's Baxter Lecture Hall at 7:30 pm, and the program is open to the public. His talk is presented by the World Affairs Forum at Caltech and by the Caltech Y.

Change in Time New Course

H 161 — The Norman Conquest of England taught by Eleanor Searle will be taught on Mondays 2—5:00 instead of Tuesday, as originally scheduled.

Tech Staff Meets Mondays

at 12:15 pm in 127 Baxter. All are Welcome.

Catalog Error

The word "philosophy" has been deleted on page 84 paragraph 4, line 2.



HIGH HOLY DAY SERVICES

Led by Rabbi Michael Perelmuter

ROSH HA-SHANAH

Wed. Sept 26, 7:45 PM Dabney Lounge - Caltech
 Thurs. Sept. 27, 10:00 AM Hollywood - Los Feliz Jewish Community Center
 Thurs. Sept 27, 2:00 PM Children's High Holy Day Service
 Hollywood - Los Feliz Jewish Community Center

YOM KIPPUR

Fri. Oct. 5, 7:45 PM Kol Nidre Service
 Dabney Lounge - Caltech
 Sat. Oct. 6, 10:00 AM Morning And Yiskor Service
 Hollywood - Los Feliz Jewish Community Center

PARENTS! Haven't heard from your child for three weeks? Are the letters you do receive filled with obscure terms like *trolling*, "Tommy's" runs, and the Millikan pumpkin drop? What's a mother to do?

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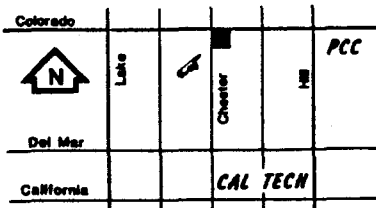
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