Achievement Rewards Scholars

The ARCS Foundation is a national organization of women, whose purpose is to make it financially possible for gifted scholars in the natural sciences, medicine and engineering to complete their career preparation. ARCS Foundation, Inc., provides a way, business, education, civic and social members of a community may combine their interests and efforts to achieve a strong contribution to the future, and to America's scholars through the advancement of scientific achievement.

The ARCS Foundation has announced that last November 17, eighteen outstanding Caltech undergraduates and graduate scholars were honored by the Los Angeles chapter of the ARCS Annual Awards Presentation Luncheon held at the Dorothy Chandler Pavilion in Los Angeles. Those Caltech students honored were John "Alex" Becker, Gabrielle A. Gordon, Gerard L. Fu, Gabrielle A. Gordon, Gerard L. Fu, Gilbert J. Jungman, Nicholas G. Kledzik, David E. Parkinson, Joel B. York, Claudia J. Barter, Sein M. Callahan, Peter Campo, Larry Hill, Fujio Iinoya, Adele M. Naylors, William Nazaroff, Carol A. Polansky, Carol I. Prentice and Steven P. Schneider. These students were chosen for this prestigious award by virtue of their great potential and interest to become future leaders in the field of science. These students are now recognized as ARCS Scholars and Fellows.

Leroy Hood – Medical Innovator

By David Bruning and Jennifer Low

Professor Barclay Kamb assumed the office of provost last Monday. He was appointed by President Goldberger after Goldberger bypassed the traditional committee selection process for the sake of expediency.

The division chairman and several senior faculty were consulted about the appointment, according to Goldberger.

Kamb is a professor of geology and geophysics and was chairman of the Geological and Planetary Sciences Division until 1983, a reason Goldberger cites for his appointment. As someone who has worked with the provost, Kamb was already familiar with the duties of the provost.

Kamb arrived at Caltech as a freshman and became a member of the Throp club. He received his first degree from Caltech in physics in 1952 and continued as a graduate student in geology. He has remained at the Institute since his undergraduate years.

The provost serves as the chief academic officer. This involves interacting with the division heads to determine appointments, looking into the research that goes on, attempting to adequately distribute the yearly budget.

It is the customary procedure where the provost is especially important in that he is responsible for sorting out all of the requests and saying "no" to certain projects. Kamb believes saying no is one of the hardest parts of the job.

Both President Goldberger and Provost Kamb view Kamb's appointment as temporary, but full-fledged commitment. Because the provost is appointed by the president, the new president, who will assume duties in the summer of 1988, will have the option of retaining Kamb or appointing a new provost.

In the words of President Goldberger, the provost is here "for a limited sentence." Kamb appeals for student input and support in his new role.

Professor Robbie Vogt relinquished his position as provost February 12. In a letter to President Goldberger, Vogt "hopes to use the time this will give me to think about my future, Caltech's future, and what role I might play in it." He will remain as the R. Stanton Avery Distinguished Professor.

Goldberger refused to comment on the reason for Vogt's sudden departure, only stressing that Vogt did not resign. He states that Caltech is indebted to Professor Vogt for his outstanding service to the community and his concrete achievements in both research and educational issues.

New ASCIT Elected Officers

President: Jeff Tekanic
Vice President: Doug Roberts
Treasurer: Thu Li
Secretary: Eric Schane
IHC Chair: Sam Weaver
Director of Social Activities: Nancy Drehwing
Director of Academic Affairs: Devin Leonid
Upperclass Director-at-Large: Jeff Flint
Freshman Director-at-Large: James Ibison
Board of Control Secretary: Nicole Vogt
Athletic Manager: Bradley Scott

Activities Chairman: Irene Chen, James Shih, and Bradley Scott

Editors of The California Tech: Ken Haynes, Michael Kesting, and Jennifer Low

Interhouse Secretary

by Nancy Drebhwing

The sign up sheet for IHC Secretary will come down today at 5pm. Interviews will be held on Wednesday, Feb. 25th at the IHC meeting. All candidates will be notified of their interview time. Duties of the office include taking the minutes of the meetings, distributing the minutes to the Caltech community, and going to dinner at the Athenaean at the appropriate times. For more information about the position, contact me, Nancy Drebhwing, at 578-9755.
From the Editors

Gymnasium Unsafe

The Caltech athletic facilities have expanded dramatically over the past three years with the addition of a swimming pool, an all-weather track, a weight room, and complete locker and shower facilities for women. We also have a new basketball floor, new tennis court lights, and a modern Athletic Treatment Center.

Now the Athletic Department should have a small amount of money to avoid a catastrophe. In the evenings and on weekends, “building supervisors” oversee the gym. These supervisors are at times only the Caltech staff at the facility. They are authorized to give ice to people who are injured at the gym. They are not qualified to administer medicine more than the basic first aid. This is a serious mistake on the part of the Institute.

The Institute must take immediate action for the safety of everyone who uses the gymnasium. Caltech should sponsor CPR and emergency first aid training for all building supervisors. I am sure that the name of this institution is the norm in the rest of the world. I believe that is the case.

Harry: After a hard day pushing back the frontiers of science, my friends and I like to go to the nearest bar and have a few beers. I know that this creates a bit of a mess in the flower bed. Will the walkway be repaved with pink and yellow flowered linoleum? Can I write another sentence with a question mark?

This addition is as distressful as a meal of warm cheap beer and steaks. Better on smoggy summer day. The three-room pond is some sort of the public lands, in the park, of course. It is some sort of the public lands. It is the public lands. It is the public lands.

Don't Be So Blue

To the editors:

Just what is it? Ty-dowel blue? Blue jawbreaker blue? The blue—what we'll call the Russian blue? What we'll call the send-them-infected-wheat blue? Wrong—the wheat of Throop pond is now cheezy miniature pond fountain blue!

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Intermittent PHOTO EDITOR

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Death Penalty Biased

by Eric Manjani

The use of the death penalty in the United States is an arbitrary and racially biased, and clearly violated international treaties signed by the U.S. Government, Amnesty International said on Wednesday, February 16th.

The worldwide human rights organization said the evidence suggested that the penalty had become "a horrifying lottery" in which politics, money, race and where a crime was committed could play a more decisive part in sending a defendant to the death chamber than the circumstances of the crime itself.

Launching a worldwide campaign against the U.S. death penalty, Amnesty International said the rate of executions was accelerating—57 prisoners had been executed in the past three years against 11 in the previous seven. A record 1,838 prisoners were on death row last March, and 56 had been killed since mid-1986, waiting to see if they too were to be "electrocuted, gased, poisoned, hanged, or shot dead"—the different U.S. methods of execution.

These executions continued even though still on death row included mentally ill or retarded people and prisoners who had been convicted of crimes when they had been juveniles when their crimes were committed, the organization said.

Imposing death sentences on juvenile offenders was barred by the International Covenant on Civil and Political Rights and the American Convention on Human Rights, both signed by the U.S. in 1977, Amnesty International said.

Two prisoners were juvenile offenders (one of whom was black) and another 37 were on death row—excluding four who were aged 15 when their crimes were committed.

The execution of mentally ill prisoners contravened guidelines set by the United Nations in 1984, the organization said—but in 1985, for instance, a black farmerworker in Virginia was executed for murder after he had been diagnosed as a paranoid schizophrenic with a mental age of eighteen.

Blacks convicted of murdering whites had been found more likely to be sentenced to death than any other category of offender—but whites who had killed blacks were only half as likely to be sentenced to death for killing blacks.

Over 40% of death row prisoners were black.

Between 1977 and 1986 nearly 90% of prisoners executed had been convicted of killing whites—although there were nearly as many black victims as white ones.

The death penalty was only imposed for certain types of murder and prisoners on death row had been convicted of brutal crimes, Amnesty International said. But the organization said the evidence suggested that "the penalty itself is cruel and unusual, contrary to the United States' constitutional obligations, and to the general human rights standards to which the U.S. has subscribed." The organization further added that the death penalty "is neither humane nor effective in deterring crime. It may also be a cause of crime itself, as the Supreme Court noted in a 1977 decision. It is a cruel punishment, plain and simple. It is consistently opposed by the majority of the American people, and by the international community since the U.N. General Assembly first condemned it in 1985. It is long past time it was abolished in the United States."

The organization demanded a moratorium on executions until a new study was conducted by a respected scientific body to determine if the death penalty is foolproof in deterring crime. The study should be conducted by a panel of experts, the organization said, and should consider the psychological, social and scientific implications of the death penalty. The organization also said the U.S. should ratify the U.N. Convention Against Torture and Other Cruel, Inhuman or Degrading Treatment or Punishment.

Commentary and Comment Number II

Konstandin’s Comment I

It has come to my attention that despite the several bits of financial guidance I provided two weeks ago, only Dave Parkinson was smart enough to take the advice seriously and is already $17,500 richer for it. So here’s three more chances for Techers to get rich quick:

1. Marure. There is a lot of money in selling manure. Farmers will pay top dollar to have manure removed from her fields. Then you turn that shit in the city as prime fertilizer. Older cars are best for this.

2. Collect for the paper. Anytime you need a few bucks, don’t bore people with a line like, “My car broke down. Can you spare a few bucks?” Simply knock at the nearest house and say you’re collecting for the paper. Be persuasive, argu­e. If worst comes to worst, scream “I’m sick of some old peckerhead living off the state,” and leave with your route.

3. Pets. It is often easy to get free cute animals. (Check the classified ads.) You are realizing a huge profit, provided you utilize the correct marketing strategy. Set up a beautiful little “pets” booth and label each animal with a price and the threat of you selling it if it is not purchased. It has not been tested. But advertise that any consumer can save a cute puppy’s life for just $150.

Konstandin’s Comment II

The Ten Best Albums

1. A-ha “Hunting High and Low”-

2. The Outfield “Play Deep”-

3. Led Zeppelin “IV”-

4. Led Zeppelin “Houses of the Holy”-

5. Led Zeppelin “Stairway to Heaven”-

6. Led Zeppelin “Sung Dazed”-

7. Led Zeppelin “Black Dog”-

8. AC/DC “Back in Black”-

9. The Outfield “Sixty Plus One”-

10. Peter Frampton “Frampton Comes Alive”-

Why do it? Well, the omission of A-ha’s next supergroup, from a previous list is inexcusable. And his criteria for selection are, as the Italians say, stupido. What does something like “(their) music is just too noisy to appeal to many” imply? That John Cage and the jack­hammers make better music than Zeppelin? And if you want atavism and a crashing beatbox, surely the natural choice is Rambo?

Innovation is a timeless thing, so I put Led Zeppelin on the list, although they have not done much lately. I include The Outfield because, although they lack talent, they got a good deal on the CD. I chose groups which consistently match the highest musical caliper with poetry. Consider A-ha, “Sung Dazed”… “Maybe it was over!” When you chuckled me out of the gate/At full speed.” This kind of rhythm, bursting from within the vastly structured language, finds its fullest expression in Led Zeppelin’s “Black Dog.” “Ah child, when you shake that thing Gonna make you burn/ Gonna make you sting.” The lyricist must have reread these words and these poets of this century.

In these three albums, or two each by you, or three each buy two, or even if other combinations occur, I’ll be happy as Clee.
National Condom Week by Lori Mulvany, R.N., F.N.P.

Our campus is not immune to AIDS. AIDS, like most STD’s (sexually transmitted diseases) is a preventable disease. There is still no cure or even vaccine for AIDS but we do know that the AIDS virus is primarily transmitted through sexual contact or through sharing needles during I.V. drug use. As the number of students diagnosed with AIDS and AIDS-related conditions rapidly increases — so does the number of cases among students, faculty and staff on Caltech campuses. It is too late to dispel the idea that AIDS only affects people in high risk groups. There are no “high risk groups”; just high risk behavior, regardless of one’s sexual preferences. Our responsibility is, then, to educate about how to prevent the spread of AIDS and other STD’s by the use of safe sex practices.

So what is safe sex? It is sex without exchanging potentially infectious body fluids — semen, blood, feces and urine. Although the AIDS virus has also been found in saliva and tears, these body fluids are not thought to be an effective way of transmitting infection. There has not, in fact, been any case of AIDS that has been traced to these modes of transmission. Both men and women can carry the organisms that cause STD’s — including AIDS — without feeling ill. Vaginal intercourse is just as likely to transfer these diseases as anal intercourse.

What is sexually desirable varies broadly from person to person. “Safe sex” is anything that does not place a person at risk for developing AIDS or STD’s. Knowing one’s partner to the point of developing a deep, intimate sexual history and wellness is important. In other words reduce the number of sexual partners you have and avoid anonymous sex. Be considerate of your own and your partner’s health.

Condoms have long been known as a means of preventing the passage of gonorrhea, syphilis, chlamydia, hepatitis B and recently the virus that causes AIDS. This week is National Condom Week. The Health Center has available to all students condom specific information on safe sex. Below is an outline of what is considered safe sex, possibly safe and unsafe.

These apply to men and women regardless of sexual orientation.

SAFE: — mutual masturbation — light (dry) kissing — body massage — hugging and body to body rubbing

— showering together — kissing — vaginal intercourse with condoms — anal intercourse with condoms — oral sex (stopping before climax) — urine contact on intact skin (”water sports”) — vaginal intercourse without condoms — anal intercourse without condoms — manual/anai intercourse (“fisting”) — oral/anai contact (”rimming”) — shared sex toys

For information, evaluation, counseling, and testing contact the Health Center. If you have a specific personal concern related to AIDS at any stage (e.g. possible symptoms of the AIDS virus, exposure to the AIDS virus, or a positive test for the HTLV-III antibody), we recommend that you contact Dr. Bruce Kahl, Director of Counseling Services for advice on both your medical and psychological concerns. The Health Center staff will provide assistance and advice with strict confidentiality, in accordance with professional medical standards.

Anonymous, free testing for HTLV-III antibody can be obtained at the Edward D. Edelman Health Center in Hollywood [213] 464-7736. Information can also be obtained from the AIDS Hotline, (800) 922-AIDS, and from AIDS Project Los Angeles (213) 876-8951.

Best regards,

Lori Mulvany, R.N., F.N.P.
PAGE 4

-Inside World Guy From Hell

Ruddock: Tell me why I have to be a power slave, a slave to the power of death . . .

Michelons are over, though, and now it's party time! The Larums are having a party and some lunk (as of last Sunday.) Vito and (therapy, on the other hand, have a month left.) Everyone, I'm sure, wonders why they got together in the first place. Maybe it's because redheads are supposed to be really awesome in the () and since Ich isn't DJ-ing we might even get to dance or something ... and after a party and since Ich isn't DJ-ing we might even get to dance or something . . . And on that note ... The drink of the week is the Leader of Tomorrow. Two or three parts hot chocolate to one part peppermint schnapps.

---Shooter, Jethro and Enos

Page: Pucky is "content," not "clueless," or even mildly "thrilled." "Exhausted," maybe. But still "content." The official announcement says that they've been "going out" for one month (as of last Sunday.) (Vito and Gloryanne, on the other hand, have about a month left.) Everyone, I'm sure, wonders why they got together in the first place. Maybe it's because redheads are supposed to be really awesome in the ()

Page 3

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Bloom County by Berke Breathed

More Inside World

from page 3

Dated here are some of the brightest minds of our nation. Working together in racial harmony, you will lead us to brighter tomorrows. Ever notice how Brian and Earl are the only ones who don't wear those funny white robes at house meetings? And what about Ghy? He's a sub, no? You have a gift from God. Your intuition must be used to better mankind. Ever notice how Ken has this cute "fashion sense"? We're sick of you every time we get near our name brand clothing. Your perception and senses guide you through the highways of knowledge. Ever wonder how Alley 3 in Ruddock gets all those different smells in there? It's like a smell museum. SUCCESS. The S stands for Study hard. The U stands for Understand your material. Ever notice how "Blacker Reader" is an anagram of "Long and Boring"? Well, not really . . . And the last two S's, uh, both stand for Study hard. You are the future. You will become prominent in scientific circles and in the media. Ever notice how the 7-year-olds think it's really funny to print the Bloom County in weird, unreadable ways? And the Unseen Inside World. It sure has its finger on the pulse of society. Remember, you are the leaders of tomorrow. And on the note . . .

The drink of the week is the Leader of Tomorrow. Two or three parts hot chocolate to one part peppermint schnapps.

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**Tech Track Spells Victory**

**by Pole Vaultur**

Caltech hosted 3 teams on the new all-weather Fox Stanton Track last Saturday, and came away with a resounding win to begin the season with an impressive 5-0 record.

The five teams visiting our new facility were Chapman College, La Verne, The Master's College, Whittier, and Christ College of Irvine.

Considering the fact that this was the first meet of the season for Caltech, as well as for the other schools, there were a number of notable performances.

*Chasers Race To Win*

Mike Jensen and Ray Hu finished 1st and 2nd in the 3000m steeplechase with times of 10:58 and 11:40. Our 400m relay team consisting of Konstantin Othmer, Tom Tetzlaff, Ted Rogers, and David Gates placed 2nd in 46.6 despite two hesitant passes of the baton.

Caltech's distance runners dominated the 800, 1500, and 5000 meter races, contributing many points to the totals. John Beck won the 800m in 2:01.7 with a strong relaxed effort.

Sean Hilliard and Ray Hu were 2nd and 3rd in 2:00.6 and 2:10.5. John Gehring went for it in the 1500m race and ran away from all the competition with a 4:16.1 finishing time. Darin Acosta and Sean Hilliard both ran strong races, placing 2nd and 3rd in 4:28.3 and 4:32.9. Gehring and Acosta also ran the 5000 m in 16:21.9 and 17:03.5 for 2nd and 3rd.

La Verne and Whittier dominated the short sprints with the exception of Dave Gates, placing 2nd in the 200m in 23.1 for 3rd place. Additionally, Konstantin Othmer ran the 100m in 11.7 in his first meet for Caltech.

The long sprint, 400m, belonged to Alex Athanasopoulos as he raced to an impressive win with a time of 50.9 seconds. Andrew Stevens followed him in 53.6 for 2nd place.

Our hurdlers ran well considering the lack of practice time specifically devoted to hurdling technique. Tom Tetzlaff placed 2nd in the 110m high hurdles, relying solely on guts and speed.

Eric Smith ran a strong effort in the 400m intermediate hurdles, placing 2nd in 1:03.2, while Ted Rogers took 3rd in 1:09.6. Once the chopping of the steps before each hurdle is eliminated these times will drop dramatically.

**Late Riser Puts Shot**

Ed Mao woke up just in time to wander across campus and win the shot put with a toss of 35'-8". Both Mark Carlin and Matt Crandall were competing for their first times in track and completed the throwers' triple with good efforts in the shot put, discuss and javelin. Carlin was fourth in both the discuss and javelin.

The only way to end any track meet with is the 1600m relay team blazing to victory. Caltech's run-continued on page 7.

**WEEKLY SPORTS CALENDAR**

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Sport</th>
<th>Opponent</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>Fri</td>
<td>2-20</td>
<td>TBA</td>
<td>Swimming</td>
<td>SCAC Championship</td>
<td>TBA</td>
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<tr>
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<td>2-21</td>
<td>11:00</td>
<td>Track</td>
<td>SCAC Championship</td>
<td>TBA</td>
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<tr>
<td>Sat</td>
<td>2-21</td>
<td>10:00</td>
<td>Tennis</td>
<td>Whittier/Claremont</td>
<td>Caltech</td>
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<tr>
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<td>2-21</td>
<td>10:00</td>
<td>Basketball</td>
<td>Claremont-Mudd/Claremont</td>
<td>Caltech</td>
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<td>2-21</td>
<td>12:00</td>
<td>Baseball</td>
<td>C.S.I.F. and U.C.S.B.</td>
<td>Caltech</td>
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<tr>
<td>Sun</td>
<td>2-21</td>
<td>12:00</td>
<td>Fencing</td>
<td>Rollands JV</td>
<td>Redlands</td>
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<tr>
<td>Sat</td>
<td>2-21</td>
<td>2:00</td>
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<td>TBA</td>
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<td>Golf</td>
<td>Shakers</td>
<td>TBA</td>
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<tr>
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<td>6:00</td>
<td>Tennis</td>
<td>Occidental College</td>
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</tr>
<tr>
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<td>9:00</td>
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<tr>
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<td>10:45</td>
<td>Ice Hockey</td>
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<td>Fri</td>
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<td>All Day</td>
<td>Wrestling</td>
<td>NCAA Div. 1 West Regional</td>
<td>Stanford</td>
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<tr>
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<td>All Day</td>
<td>Fencing (W)</td>
<td>Women's NCAA West. Regional</td>
<td>Stanford</td>
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<tr>
<td>Sat</td>
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<td>All Day</td>
<td>Fencing (W)</td>
<td>Women's NCAA West. Regional</td>
<td>Stanford</td>
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<tr>
<td>Sat</td>
<td>2-28</td>
<td>All Day</td>
<td>Track</td>
<td>Pomona-Pitzer All-Comers Meet</td>
<td>Pomona-Pitzer</td>
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<tr>
<td>Sat</td>
<td>2-28</td>
<td>All Day</td>
<td>Baseball</td>
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<td>Redlands</td>
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<td>Sat</td>
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<tr>
<td>Sun</td>
<td>3-1</td>
<td>1:00</td>
<td>Women's Soccer</td>
<td>Wildcots</td>
<td>Caltech</td>
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The course will concentrate on the history of colonialism, and will consider the various technologies of colonial control as well as the special problems of mapping and anthropol­ogy in colonial contexts. Participation in a number of different universities in this country as well as from Australia and England will visit the course during the quarter and participate in a series of intensive workshops.

Students will thus have the unique opportunity to meet with a wide range of scholars interested in the history and anthropology of colonial­ism and to participate in the workshops that will be associated with the course. Organizational Meeting will be Wed. at 2:00 pm. Liv-100. Current concerns, anthropological and historical, will be offered as a special topic. Class time is subject to some flexibility.

H 125: History and Anthropology will be offered as a special symposium in the spring, to be taught by Visiting Mellon Professor Bernard S. Cohn of the University of Chicago along with Nicholas Dirks and Gyan Prakash.

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The course will concentrate on the history of colonialism, and will consider the various technologies of colonial control as well as the special problems of mapping and anthropol­ogy in colonial contexts. Participation in a number of different universities in this country as well as from Australia and England will visit the course during the quarter and participate in a series of intensive workshops.

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Attention Hungry People Registering this Saturday, have your order in by 9 p.m. at the Red Dot Cafe, located in Winnett Center. Call the Cafe for a happy announcement that you will receive by January 28th. The Cafe will be open from 7 a.m. to 2 p.m. on Saturday. A special dress code will be in effect from 7 a.m. to 2 p.m. on Saturday. Allison will be in charge of the dress code.

Attention: Concert Lovers Drawing for the next five weeks, if you are interested in winning a ticket, please contact Mr. Schilling at 793-4760.

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