World Renowned Poet Giovanni Comes to Caltech

Jean Andino

The Caltech Y, in association with the Caltech chapter of the National Society of Black Engineers, the Graduate Student Council and the Caltech Race, Politics and Region Program will present an evening with the poet, Nikki Giovanni. This event, in celebration of African American History month, will occur on Wednesday, February 17 at 8 PM in Beckman Auditorium.

Ms. Giovanni is an African American poet who has been hailed as one of America’s finest artists. Over the years, she has published nearly 20 books, made six records, had a movie chemistry of her works, and performed with an orchestra. Classified as a “revolutionary poet” because of her fights for civil rights and equality in education, Ms. Giovanni has brought the eyes of the world upon her.

Today, she lectures with great humor on her life, on poetry, and on the creativity in everything that we do.

Her focus is on the individual; specifically on the power that one has to make a difference in oneself, and thus in the life of others. In a recent speech to an MIT audience, she said, “Do something with your life! You will find that what you have coveted is not worth coveting...There is a limit to what material things can do.”

The evening with Ms. Giovanni will prove to be quite inspirational for all. This event is free of charge, and open to the public.

Dervan to receive Cope Award from American Chemical Society

Caltech Public Relations

The American Chemical Society has announced that Caltech chemist Alfred P. Dervan will receive the Arthur C. Cope Award at the 1993 ACS national meeting in August in Denver. The award, consisting of $75,000 and a gold medal, acknowledges Dervan’s groundbreaking work in the field of DNA recognition.

Dervan, the Bren Professor of Chemistry at Caltech, works at the interface of chemistry and biology, where he studies DNA, the genetic material. Trained as an organic chemist, Dervan says he is making good progress. Like fingers sliding over bumps on paper to read Braille, Dervan’s ‘chemical machines’ read “bumps” and patterns on long molecules of DNA, recognize specific sites, and bind to them. Dervan hopes that someday scientists may use specially designed molecules to perform a sort of genetic surgery inside living cells. These surgeon molecules would identify a faulty piece of DNA, bind to it, and slice it out. This would provide research tools for studying human genetic diseases and, perhaps, a novel class of human anti-virals.

Dervan, a native of Boston, received his bachelor’s degree from Boston College, and earned his doctorate from Yale in 1972. After a year as a National Institutes of Health Postdoctoral Fellow at Stanford, he joined the Caltech faculty in 1973, where he has received two ASCC teaching awards, given by the students for excellence in teaching. He has also been named an Alfred P. Sloan Research Fellow, a Camille and Henry Dreyfus Teacher-Scholar, and a Guggenheim Fellow. He has received the Nobel Laureate Signature Award for Graduate Education in Chemistry, the Arthur C. Cope Award, and the Hispanic Heritage Award, all form the American Chemical Society, and is a member of the National Academy of Sciences and a fellow of the American Academy of Arts and Sciences.

Monitoring Earth’s Capacity to Support Life

Shane Sauby

Dr. Bruce C. Murray, Ph. D. and Professor of Planetary Science and Geology gave an important and interesting lecture Wednesday night. Dr. Murray’s Watson lecture was titled “Monitoring Earth’s Capacity to Support Life: Challenge of the Next Century.” Dealing with many different aspects and problems facing the human race over the next century, Dr. Murray focused on our relationship to the environment and the planet as a whole.

Many people have different views on what is the most important issue facing the human race. Everything from global warming, the ozone layer, and racial harmony might be mentioned, but a very direct and serious problem was put into focus during Dr. Murray’s lecture. The human population is approximately 5.4 billion people right now. Conservative estimates have that number doubling in the next sixty years. Along with these figures are the indications of increased use of natural resources per capita. Not only are there more people on the planet, but they are using more resources. Dr. Murray pointed out, however, that the consumption in the industrialized world is leveling off. The observed increase in consumption due mainly to the...continued on page 3

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New Comic Strip: This Modern World

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John Haba on Sports

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Election Statements

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Photo Courtesy of The Caltech Y

Nikki Giovanni: The Caltech Y will present “An Evening With Nikki Giovanni” on Wednesday, February 17, at 8 pm in Caltech’s Beckman Auditorium.

CALSEDS ‘93 Convenes to Discuss The Future of Humanity in Space

Jeff Foust

This Friday evening and Saturday, professionals and activists from across California will gather in Pasadena to discuss the future of our society in space at the CALSEDS ’93 conference in Pasadena. The theme of the conference is “Discovering Your Future in Space.” The conference is sponsored by the California chapters of Students for the Exploration and Development of Space (SEDS), in conjunction with the California Space Development Council (CSDC), an organization of chapters of SEDS and the National Space Society.

The conference will focus on three distinct but important aspects of humankind’s future in space, according to conference organizers. The fields of space education, space policy and space transportation will be the key areas of focus during the conference. All three fields are crucial to the future of space exploration and development.

The conference starts on Friday evening, February 12th, with an evening of activities beginning at 8 pm in Gates Laboratory at Caltech. On Saturday, February 13th, the conference will be held from 9 am to 5 pm at the Pasadena Hilton Hotel in downtown Pasadena. There will be a mix of speakers, open discussions and social events throughout the conference.

A wide range of speakers, covering all three areas of focus, will be featured at the conference. These speakers include Dr. William Gruzdav, director and program manager of the SSTO (Single Stage To Orbit) program at McDonnell Douglas; Dr. Peter Diamandis;...continued on page 3

Page 1

CALIFORNIA

The Tech

Volume XCIV, Number 16

Pasadena, California

February 12, 1993

File Photo
MURDER LEADERS ARE, BY THEIR NATURE, SOMEWHAT LESS THAN PROGRESSIVE. A FACT WHICH HAS BEEN CLEARLY MADE PAINFULLY CLEAR LATELY.

IF WE ALLOW HOMOSEXUALS IN THE MILITARY, THEY WILL MAKE EVERYBODY AIDS IT WON'T BE SAFE TO TAKE A SHOWER!

MORE TRAVERANT CITIZENS RECEIVE NO SUCH EXPECTATIONS. WASHINGTON IS FLUSHED BY OVERWHELMINGLY NEGATIVE RESPONSES... GIVING CONSENSUS CONGRESS-PERSONS AN EXCUSE TO SHATTER THE ISSUE.

MAN CONSTITUENCY HAS SPOKEN. THEY HAVE NO CHOICE IN THE MATTER!

Thank God...

LIVING NEAR A MURDER LEADER IS LIKE HAVING A TUBERCULOSIS PATIENT IN THE NEXT ROOM.

IF YOU'RE HAVING SCHOOL-CHILDREN FOR SKIPS ARE EVERYWHERE... ON WINER'S "CROSSFIRE" THE FLEETING ARISTOCRAT FOR POWER NOW SITS ON THE LEFT RATHER THAN THE RIGHT...

I DON'T SEE WHY EVERYONE'S SO UPSET ABOUT ZOE BAIRD! HECK, EVERYDAY BREAKS THE LAW NOW AND THEN!

THE ONLY ALARMING THINGS ABOUT THE PROJECT IS THAT WE ARE NOT SURE WHAT THE PROJECT IS. THEY ARE EVERYDAY BREAKS THE LAW NOW AND THEN!

THINGS ARE GOING TO BE DIFFERENT NOW, SURE, GOVERNMENT IS STILL TIE WITH CORPORATE LOBBYISTS... THE U.S. WILL MOST LIKELY CONTINUE TO FUEL ITS MILITARY MUSCLE ALL OVER THE GLOBE... DESPITE HAWIAN TERRORISTS WILL STILL BE AVENGED FROM our SHORES... BUT WHO CARES... WHEN WE'VE GOT A PRESIDENT WHO WEARS RAY-BANS.

...AND TO THE BOY WHO BITES HIS LOW-ER LIP!

The passenger side window was smashed and the stereo cassette player valued at $200 was stolen.

Tuesday, March 3

�aney House

Tuesday, March 9

Bloker House

Next Term:

Tuesday, March 30

Page House

Tuesday, April 6

Rening House

Tuesday, April 20

Loyd House

Today I took a walk around town.

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ISSN 0008-1582

Volume XCIV · Number 16
February 12, 1993

THE CALIFORNIA TECH

No. 548 SAC

1201 East California Boulevard
Pasadena, California 91125
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THE CALIFORNIA TECH

Volume XXIV • Number 16
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THE CALIFORNIA TECH

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3 56-6154

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Murray

rapid increase in population of the underdeveloped nations. Dr. Murray also produced figures showing how technology has prevented global starvation. During the past fifty years, the agricultural output of the planet has kept ahead of the population. The surprising figure, though, is that the amount of land being used for agriculture has increased only very slightly. The entire increase in production is due to technology. This is a problem, once the limits of production will be reached and then the growth in the population will catch up with production.

Another serious problem put forth in the lecture is the soil degradation. Through deforestation, industrialization, or overgrazing, 10% of the arable lands on the planet have been destroyed or degraded beyond productivity. Dr. Murray emphasized that land usage and coverage is the most important aspect of the global problems being faced. Control and management of land and how it is used is of the highest priority.

Dr. Murray stated that the organization that is going to be answering these questions will also be different. They will be working from the bottom up, working horizontally instead of the traditional pyramid style with one central "boss." Using the global economy and postal services as examples, he explained how different organizations are going to have to start working together to define and solve these problems.

Dr. Murray pointed to a system of data organization, analysis, and eventually policy making as the step by step format by which these problems can be solved.

Dr. Murray enjoined governments, private industries, and individuals to start working towards making a difference. He said that the first step is acknowledging that there is a problem. He also stressed how this is an important time in history. He said that what we do now, especially in the United States, will have a significant effect on the future. "It's a full house tonight," a gentleman in the audience said. By the end of the evening, this statement possessed an ominous double meaning.

Elections Monday, Runoffs Friday

Ewald Hasslemeier

The initial elections for the remaining ASCiT offices is this Monday. If no one receives a majority of correctly cast non-null votes in the initial election there will be a run-off election on Friday as there was for the Presidential election. Ballot boxes for both elections will be in all 7 house lounges between 11:30 am and 11:00 pm on the days of the elections. If you are unable to vote on the day of an election, you can file an absentee ballot with Pablo Thienpont, Executive Committee Chair (Ricketts 63) anytime before midnight the night before the elections. (The main problem is accepting absentee ballots, nor counting ballots, since he is running for one of the offices being voted upon.) If you cannot find Pablo, simply print your name and who you want to vote for on a piece of paper and slip it under his door.

Voting is quick, easy and painless, so vote! As was pointed out in the article announcing the beginning of election season, and as proves in the Presidential election, in such a small student body every vote really counts.

The California Tech will hold its weekly meeting TODAY at 12.15 pm in the Coffeehouse. Free Pizza. Open positions include Crime & Incident Editor, World News Editor, Staff Photographer, and Off-Campus Distributor.

CALTECH CAREER DAY

Thursday, February 18
11:00 a.m. - 3:00 p.m.
Winnett Lounge

- Talk to company recruiters representing a wide range of industries
- Gather information about careers, summer employment, & career opportunities

Companies Attending Career Day

- AT&T
- Active Voice
- Amden Inc.
- Applied Display Tech
- Communications Mfg. Co.
- The Boeing Company
- Dow Chemical
- Gerdien
- Georgia-Georgia Software
- Hewlett Packard
- ICL, Inc.
- Institute for Defense Analyses
- Intel Corporation
- IBM
- Inogen
- Kelco, Div. of Merck & Co.
- Lasergraphics, Inc.
- McDonnell Douglas Aerospace
- Mead Digital-Schneider Corp.
- Medtronics, Inc.
- Microsoft
- JML Montgomery Con. Eng.
- NCR Corp.
- Ocean Research & Eng.
- Oracle Corp.
- Radian Corp.
- Raytheon
- Santa Barbara Research
- U.S. Navy Engineering
- U.S. Peace Corp
- Xontech, Inc.

For More Info: Contact the CDC, 08 Parsons-Gates, ext. 6361
It’s the weekend of love, I hope that you’ve got something romantic planned for you and your significant other. A love tip for the guys; if she says that you don’t have to do anything special, this is the one time you can ignore her and not get beaten around the head and shoulders. Of course if you don’t have a significant other just think of all the money you’re saving.

Talking of saving money, all the events I have to tell you about this week won’t cost you a cent. It won’t even cost you lots of cents because they’re all absolutely free! Amazing! Today there is a Mountain Bike trip meeting at 10 am at the Y. Tonight at 8 pm will be a Nigerian Drum Performance in Danby Lounge. There is a volunteer trip to do trail maintenance in the Arroyo Seco. No experience is required, sign up today as space is limited, and meet at the Caltech Y 7:30 am Saturday. Monday is the first of four Meditation Seminars 7 – 9:30 pm in classroom 2, just show up if you are interested. Finally, poet Nikki Giovanni will give a presentation in Beckman Auditorium 8 pm next Wednesday. For more information read the article in today’s Tech.

Remember folks, this Sunday is St. Valentine’s Day so do something nice for all the ones you love. Then again, if all that love and happiness just makes you nauseous, you have a perfect excuse to be grumpy on Monday, St. Bitterness’ Day.

The Caltech Y is open Monday to Friday, 9 am to 5 pm. We are located on the second floor of the Winnet Student Center.

Theatreworks/USA presents “Play to Win” at Caltech

Caltech Public Events

Theatreworks/USA presents its musical “Play to Win” on Saturday, February 13 at 2 p.m. in Caltech’s Beckman Auditorium. This is a 60 minute Family Faire presentation designed especially for children and their families.

“Play to Win” is a musical about Jackie Robinson, an American hero who changed the face of professional athletics in this country when he signed with the Brooklyn Dodgers in the spring of 1947, thus becoming the first black player to enter baseball’s major leagues.

In 1984, as a nominee for Musical Production of the Year at the Twelfth Annual Black Theatre Awards, “Play to Win” earned an AUDELCO Award for “best writing of a new show by black authors for a non-commercial theatre.” Theatreworks/USA is America’s largest theatre for young people in 49 states since its founding in 1961. Tickets to “Play to Win” are priced at $8.50 for adults and $4.50 for children. Tickets can be purchased at the Caltech Ticket Office and all Ticketmaster Ticket Centers.

This event will be American Sign Language (ASL) interpreted. Call (800) 842-6669 or (818) 356-4688 for information. Individuals with a disability should call Deborah White at (818) 356-4690 (Voice and TDD) Monday through Friday between 8 a.m. and 4 p.m. for information and assistance.

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Lunch Special

Choice of 13 entrees 11:30 a.m. – 3 p.m.

Early Bird Dinner Special

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March 2

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*Depicted, Sokei Sport Tech Advanced Flight Computer - the world's first commercially available relational database. Just as Seiko created the world's first quartz watch without a battery, both remarkable feats. But our technology didn't stop with database software, any more than theirs stopped with telling the time.

Today, Oracle provides total systems solutions through database, tools, applications, and services. Our products run on more than 100 computer platforms and are currently offered in 92 countries around the world. Imagine applying your skills in advanced networking, CASE, application development, office automation, development tools, multimedia, massively parallel technology, and more.

Oracle is a brilliant computer programmer and you like your job.

Although you lack social awareness and cannot communicate with your spouse, I decided to promote you to manage net.

Don't be afraid... it's called a necktie.

Yesterday I was a computer programmer and today I'm your new supervisor.

The hardest part is mastering these management suit clothes. Did you know they don't come with an instruction manual?

I'll have to call them "bad" help line again.

If Oracle is Just a Database Company...

Then this is just a watch.

It's time we set the record straight. Oracle created the world's first commercially available relational database. Just as Seiko created the world's first quartz watch without a battery. Both remarkable feats. But our technology didn't stop with database software, any more than theirs stopped with telling the time.

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Bridge Without Sam

Jeff Goldsmith

Crossing the Rubicon

In the 1950s and ’60s, a group of Italians devised a few artificial bidding systems, mostly based on a strong club. They found that strong three suited hands were hard to bid, so they used a 20 opening bid to show three suiters with, typically, 17+ high card points. More recently, many players have adopted the “Mini-Roman 20,” which shows the same shape with 10-12 or 10-13 high card points. I have never understood the point of this convention; it does not help fill a gap in system like the original did, nor does it help get to the best contract, since, unless you find a fit or unless partner has a strong hand, it preemp­ts beyond the best contract, often 1NT. Worst of all, it draws a roadmap for the defenders, who know that it is usually best to lead trumps.

Playing in the North American Open Pairs with a partner who does not share my bias against this convention, but who knows mine, I pick up in third seat:

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Partner’s ♠4 holds, of course, and I signal with the smile of the executioner. (We play Right-Side-Up signals.) He finds the heart shift (I whipped 2♥, too) and declarer inserts the 8, losing to my Ace. I happily draw all the trump, partner beginning with the expected singleton.

Partner signals discouragement in diamonds, but that is within the context of his already announced penalty pass, so I am sure that he has at least something there. I continue with a small heart, knocking out declarer’s now-stiff King. Declarer hopelessly misreads the position and takes the club finesse, which is an error, of course, since partner has diamonds and I can only hold 16 points left, but I win and save the two hands with a diamond. Declarer wins the Ace, and cashes his King and the two high cards in dummy, then disgustedly concedes the rest for 800.

Such a nice convention; it prevented us from playing our 4-3 heart fit at the two-level, going down. It is so nice when they save vs. our partscores, but it is even nicer when it is a phantom.

After the double, and alert and explanation, LHO passes as does partner. I have some apprehension about this; they may have an eight-card diamond fit which they couldn’t reach if I had passed. No, RHO converts to hearts, showing a singleton diamond and it is crushing time. I reach for the trusty bloodstained axe and get even better news when LHO converts to ♠3! I am able to put another notch in my axathumb since they are willing to play doubled in my best suit! I am about to lead (out of turn) my fourth best trump, hoping to score partner’s stiff Ten or Jack when he leads the ♦2. Happiness and joy, this is going to be fun. Dummy hits and I see the cheese with which they have volunteered to be splatted:

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I am not sure whether to bid my fourth trump, yet at ♦7, I am forced. Reality has now come to grips with me.

Almost 10-12 or 10-13 high card points.

The original Italians devised a "Quar­suit! for the Redlands Open and the best lead, mostly based on a trump, us able.

I saw that RHO and LHO should have been guaranteed spade length, but there it was. I find even more confusing that Mini-Roman users would choose to anchor around a spade suit. Guaranteeing four or more diamonds I can see, but that responder can pass when you are in trouble, giving them fewer chances to crush you, but why spades? Why preempt when you have spades and a decent hand?

Anyway, upon finding that RHO has four spades, my enthusiasm for bidding is entirely gone, but this hand suddenly becomes a perfect candidate for our defensive convention to Mini-Roman. I double, showing balanced good with interested in defending. Upon their reaching a final contract, my double almost commands a trump lead, which must be good for us.

After the double, alert and explanation, LHO passes as does partner. I have some apprehension about this; they may have an eight-card diamond fit which they couldn’t reach if I had passed. No, RHO converts to hearts, showing a singleton diamond and it is crushing time. I reach for the trusty bloodstained axe and get even better news when LHO converts to ♠3! I am able to put another notch in my axathumb since they are willing to play doubled in my best suit! I am about to lead (out of turn) my fourth best trump, hoping to score partner’s stiff Ten or Jack when he leads the ♦2. Happiness and joy, this is going to be fun. Dummy hits and I see the cheese with which they have volunteered to be splatted:

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Partner signals discouragement in diamonds, but that is within the context of his already announced penalty pass, so I am sure that he has at least something there. I continue with a small heart, knocking out declarer’s now-stiff King. Declarer hopelessly misreads the position and takes the club finesse, which is an error, of course, since partner has diamonds and I can only hold 16 points left, but I win and save the two hands with a diamond. Declarer wins the Ace, and cashes his King and the two high cards in dummy, then disgustedly concedes the rest for 800.

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Partner signals discouragement in diamonds, but that is within the context of his already announced penalty pass, so I am sure that he has at least something there. I continue with a small heart, knocking out declarer’s now-stiff King. Declarer hopelessly misreads the position and takes the club finesse, which is an error, of course, since partner has diamonds and I can only hold 16 points left, but I win and save the two hands with a diamond. Declarer wins the Ace, and cashes his King and the two high cards in dummy, then disgustedly concedes the rest for 800.

Such a nice convention; it prevented us from playing our 4-3 heart fit at the two-level, going down. It is so nice when they save vs. our partscores, but it is even nicer when it is a phantom.

After the double, and alert and explanation, LHO passes as does partner. I have some apprehension about this; they may have an eight-card diamond fit which they couldn’t reach if I had passed. No, RHO converts to hearts, showing a singleton diamond and it is crushing time. I reach for the trusty bloodstained axe and get even better news when LHO converts to ♠3! I am able to put another notch in my axathumb since they are willing to play doubled in my best suit! I am about to lead (out of turn) my fourth best trump, hoping to score partner’s stiff Ten or Jack when he leads the ♦2. Happiness and joy, this is going to be fun. Dummy hits and I see the cheese with which they have volunteered to be splatted:

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Academic Affairs

Flora Ho

"What we've got here...is FAILURE to communicate."

Important academic issues often are not addressed as a result of inadequate communication between students and administration. The concerns of Caltech undergraduates regarding graduation requirements, the curriculum, pre-registration problems, and other academic areas need to be made known to the administration and reconciled with its policies through a mediator. In order for this to be accomplished effectively, a mediator must not only be cognizant of the important issues and be able to convey student sentiment to the administration, but also capable of relating both views, students' and administration's alike, and apprising each of how the other stands. In the case for the past year, I have had mediating experience conveying the suggestions of the members of my house to the food service. As Director of Academic Affairs and chairman of the Educational Policies Committee, I will take steps to improve communication on two fronts: 1) among students, by broadening the publicizing of the committee, and by publishing a thorough, comprehensive C.L.U.E. handbook with the aid of mail-out questionnaires, and 2) between students and faculty, by organizing, together with the current Director, a student-faculty conference to discuss topics of undergraduate student concern. This conference, which is scheduled to take place every other year, will be based on a panel presentation, followed by an open-forum exchange of ideas. Its success can be maximized by the organizational experience I have gained from planning weekly house events as an active Social Team member. The frustrating thing is that students often perceive to obscure interchange between themselves and the faculty can be dispelled. Vote Flora Ho for ASCIT Director of Academic Affairs.

Social Activities

Anandi Raman

"Hi, I am Anandi Raman and I want you to be your next ASCIT Director of Social Activities. I know it’s a job that requires a lot of work, and I’m working at the time and effort completely into it.

Treasurer

Vance Bjorn

...the scene cuts to the Treasurer, a short, fat man with glasses who has handled all the mob’s money for the last five years, as he jumps aboard a private plane, tacitly assumed headed for some distant island... I may not be short and fat, but I have glasses.

but seriously, I know money management. With dealings in international corporate finance and tax law, not to mention being on both the Patent and Industrial Relations committees here at Tech, I’m the one for the job. International-renowned experts in finance have called to ask me questions (they may be just asking when they’re going to be paid, but who’s counting?)

Vote for me, Vance Bjorn, for ASCIT Treasurer this Monday.

Secretary

Dan Milward

To all those who think it’s an important quality, I really do play the blues. Please console me: Vote Dan Milward for BOD secretary.
My name is Jill Bush and I am running for the office of IHC Chair. I am a junior this year and a member of the Discobolus, a social team. I have lived off campus for the past year, but have become very involved in issues. My past experiences as a leader as well as my present duties as a UCC and campus team have given me the chance to develop qualities necessary for this job. I am certain I can be a good mediator at IHC meetings as well as an effective and productive go-between for the students and the administration.

So when you vote Monday, remember my name. Vote for Jill Bush—IHC Chair.

Bryce H. Elliott

In my two years at this hallowed institution, I have seen many changes. My freshman year was the first year without interhouse, and the first year that I was employed in the IHC. As a resident at Ricketts, a permit is necessary to have a fire in the pot, and Apache, getting into a car or being lifted out of being targeted. In Dabeys, the administration also wants to know if you plan to have bonfires. I’m sure that there are numerous other examples of those higher ups moulding in-house business of which I am unaware. It has to stop.

We live on the most stressful, socially-interlinked families. We in other houses and find that the encouragement of inter-house relations is of the utmost importance on the very important part of the social scene at Caltech. These realizations about the IHC and the other houses and the confinements sometimes placed on people have made me decide that the IHC should be run as a government. This is a decision that could affect institutions like Hell House. I feel that the IHC should run as a government because it would have the power to direct residence life as we were taking care of it. I will do anything in my power to help make IHC as a government.

At this pivotal time in Caltech life, we need someone as a mediator, as a someone who will not only work tirelessly with fresh vigor toward a total consensus, but will past IHC members to learn where brick walls were put down in front of the house, and not extend the same administration was used to blocking. It also requires someone who will listen, as well as talk, with us.

This is where I come in. I’d like to work with the house presidents to bring together the traditions of the houses. As IHC has fought and worked with the administration before, I’d like to try to save Dabeys Goose Story in a way that the administration can be satisfied with.

Vote for Bryce H. Elliott on Monday, and I will do everything in my power to assist the administration to make those changes and to help the campus run smoothly.

Asif Hassan

Hi, my name is Asif (see above) and I am running for the position of IHC Chair. So why should you vote for me (aside from my flair for rhyming)?

The IHC chair has to do three main things: he/she has to run Rotation (as its witty deity, Apollo), Upperdass, and mainly act as a mediator since the role of the IHC is to mediate disputes. If you have suggestions, complaints, or concerns to the administration, I can do a good job, now give me the chance to vote for me, and I'm here for you.

Jason Lee

My name is Jason T. Lee, and I am running for the position of Upperclass at Large. I feel that I am qualified for the position because of my experience here at Caltech. I am currently a junior, and have been avidly involved in house government and the administration. I have played on the women’s tennis team, and have been involved in house government and the administration. So, I will be able to vote for me so that I may bring diversity to the ASCIT BOD. Thank you.

Craig Smith

I am running for IHC chair because I want to. I like the house system, and want to see people enjoy the way I have. I am a little upset that there is not a great amount of interaction between the houses. I don’t want all the houses to live in the same area. I want to make my house a place where you want to hang out. I want to see more pranks.

Every day we have to go to the administration for help, and we have to pay for it. I think that there should be a permit is necessary to have a fire in the pot, and Apache, getting into a car or being lifted out of being targeted. In Dabeys, the administration also wants to know if you plan to have bonfires. I’m sure that there are numerous other examples of those higher ups moulding in-house business of which I am unaware. It has to stop.

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To certain people, this isn’t just a list of symbols. It’s a work of art. It’s where cool technology starts. And eventually changes the world.

You see the beauty in a piece of optimized code. We do too. Which is why we created the optimum environment to make it happen, giving you autonomy and authority without layers of management.

At Microsoft, we respect talented people who do creative things with code. And can use it to build innovative products that improve the way people work.

If that sounds like your idea of a great environment, see us. You’ll find that we speak your language.

Come find out more about Microsoft by attending our upcoming event.

Microsoft is an Equal Opportunity Employer and supports workforce diversity.

If You Speak This Language, Speak To Us.

Software Demonstration
Wednesday, February 17, 1993 • Student Activities Center, Room 13
5:00 pm • Pizza will be served
See your Career Center for more details.

®

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**FRESHMAN DIRECTOR AT LARGE**

**Angie Bealko**

“The people who win the respect of others are the ones who deliver more than they promise, not the ones who promise more than they can deliver. As Freshman Director-at-Large, I will commit myself to delivering more than I promise. The main project for the Freshman Director-at-Large is to publish the Undergraduate Research Opportunities Handbook. I believe that I possess the dedication and organizational skills to produce a handbook that everyone will find extremely useful. In addition, as a member of the BOD, I would vote on the fate of many ASCIT issues. Having a representative who you can respect, trust, and easily approach with concerns is critical. For these reasons, I ask for your vote in the upcoming ASCIT election.”

**Chris Marsh**

Why am I at Large Rep? There are several reasons why I, Chris Marsh, would like to be the frosh representative for large. To begin with, the rep is in charge of one man solo task, the UROH. I believe that I am up to this task, and would thoroughly enjoy discovering what all of the Tech professors are planning for research and jobs openings, since I enjoy doing that for myself even now. Another task for the rep is to represent their class on the board of directors here at tech. Again I think that I will perform aptly here, for I already know quite a few of Tech in seven houses, and always enjoy meeting in. In sum, I think that I would make a fine choice, please vote for me, and thanks for spending your time.

**Albert Lee**

My name is Albert T. Lee and I am running for the office of Frosh Director-At-Large. My name might seem familiar (there are officially four undergraduate Albert Lee’s), but I’m really not a junior or senior who just forgot what class he’s in. I’m a frosh. However, if you are an upperclassman and don’t know any of the candidates, feel free to vote for a junior or senior Albert Lee. Just make sure you circle ‘Albert Lee’ on the ballot. For the frosh Albert Lee, I think I would do a good job as Frosh Director-At-Large. I’m willing to accept the duties, and if I am elected,

**Huy Le**

I know what’s going through your mind: ‘Who am I going to vote for as frosh director at large?’ I also know what’s bothering you: Why are there only frosh (frothers) running for this thing? And you’re probably wondering: Who the hell is hyu-lay? That’s Huy Le, by the way, but you can call me Huy, since we’re such good friends. Obviously, my answer to your first question would be the skinny long-haired Oriental, but that could be biased. So I’m just going to say that you’ll probably vote for the right person (but we both know who the right person for the job is, so I guess you could ignore that last statement as fruitless, purposeless, useless redundancy). As to the second question: I don’t blame you if you voted non-frosh for this office. On the contrary, I totally agree — I should not be a frosh. Unfortunately, the administration didn’t believe me when I told them I was the professor replacing Aparicio. For the final question, let me just say Huy is not just another obscure frosh. Actually, let me rephrase that. Huy is not just another frosh. Oh, whom am I kidding? I’m just another frosh. But vote for me, anyway. You’re just another Tocher.

**Renny Talianchich**

I would like to be your Freshman Director at Large. Caltech is special because of all the opportunities that has given me to actually meet professors and work with them on their research. I’m quite certain that I am not the only person here who loves lab work, so I will do my absolute best to fill the UROH with as many listings for research as possible. I want to give something back to the student body, because you and the Honor Code make this campus a great place to live. So, remember Renny on election day!

**Albert T. Lee**

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**John Visconti**

I am a student at Concordia University in Mequon, Wisconsin. I want to be your Ath Man. Please vote for me on Monday.

**DISCOVER AMGEN**

*In 1980, a group of leading biologists and biochemists joined forces with several venture capitalists to create a dynamic, innovative organization dedicated to transforming the quality of life for patients worldwide. Amgen has become a leading force in the biopharmaceutical industry. We have opportunities for undergraduates and graduate students in areas including Life Sciences, Chemical Engineering, Marketing and Law. Our goal is to provide you with a complete learning experience by defining a focused project which can be completed in a 10-12 week period. Allow us to tap into your skills and energy while we help you maximize the potential for your success.*

**For more information...**

about this important opportunity, please contact your Career Placement Office.

**FEBRUARY 12, 1993**

Christopher Zagrodny

My name is Chris Zagrodny, and I would like to be the Frosh Rep. I think undergraduate research is one of the things that really makes Tech special, which is why I’m looking forward to putting our the UROH. Those of you who know me know I’m very responsible and civilized, and so will probably vote for me. Those who don’t know me can meet me when I drop by your house at dinner. Remember to vote Z!

**PARIAN TRAVEL**

[Contact information for PARIAN TRAVEL, including phone number and address.]
When the Indians are bursting out the champagne next year, remember you heard it here first. With travesties seeming to occur almost daily, doesn’t boxing seem appropriate from an actual sport as time wears on? An exercise in brutality, backroom deals, and big bucks would be a better description. Why is it that when Charles Barkley is losing and spouting off to the press, he’s considered a jerk, but when he’s on a winning team and spouting off just as much, he’s suddenly a colorless character? Any athlete who has so little self-control that he spits at fans and physically attacks referees doesn’t deserve any kind of respect. I call it the “Dikta Syndrome.” A big mouth, a bigger ego, and any amount of violence guarantees an enormous amount of unwarranted media attention. Anyone out there with GSC news to report? Does indoor ultimate exist? Are there definite sports lined up for third term? ... The latest buzz at the Braus Center is that the Caltech basketball program and star player George Papa are attracting a lot of attention from local papers and TV stations. More on this when I find out where and when these features will run.... Thanks to Jody White from Caltech’s Chemistry Club for information on the team. Here’s some help others with any news or views on sports contact me at Box 555 or habas@cco.... Top ica on the table for next week include Caltech basketball and the NFL.... Until then....

YOUR INCOME TAX QUESTIONS CAN NOW BE ANSWERED!
The offices of Financial Aid, Graduate Studies, and International Student Programs, in cooperation with the Faculty Records Office, have arranged for a panel of specialists to address various questions pertaining to the preparation of individual federal and California state income tax returns. International students and faculty with specific concerns about federal and/or state tax preparation are encouraged to attend. The panel’s membership will consist of an immigration attorney and three tax attorneys.

Monday, February 22, 1993
(Instructional Recess)
Baxter Lecture Hall
1:30 - 3:00 p.m.

John Hoba's SPORTS SHORTS

Your Head Over Heart Program
The Mount St. Mary’s Athenians are probably still hearing tennis balls pounding past them in their sleep, after last Saturday’s 9-0 loss to the unstoppable Caltech Tennis Machine. MSM’s players spent most of that afternoon ducking for cover to escape the Beaver’s punish­ ing barrage of high-speed serves and overhead slams. Fresh off a heartstopping 5-4 victory three days earlier, Coach Karen Nelson’s Caltech squad showed absolutely no sign of a letdown in upping their season record to 2-0. In the area season, the open­ ed this match was set by #1 singles player Diane Wong, who methodically crushed Maria Ghasemi 6-0, 6-1. At center court with her family and a good number of spectators looking on, Diane stayed loose, re­ laxed and focused, as always. This Dowells were observed the conference matches which may be against nationally ranked singles foes.

White Diane’s victory was overwhelming, heavy hitters Monica Silva and Yu-Chien Kuo were the players who truly struck fear into the hearts of the Athenians. Monica, recently dubbed “Big Guns” by teammate Jill Bush, proved her nickname an apt one by hammering Leydia Lasaca 6-0, 6-1 with serves that most resembled a series of shotgun blasts. And seeing Monica’s exploits on the #3 court, number two seed Yu-Chien was not to be outdone. Sighting powerful groundstrokes and slams from behind those trademark sunglasses, she terminated Kirsten Abundo 6-3, 6-0 with Schwarzenegger-like efficiency.

Silva and Kuo were by no means finished with their assault after singles play either. Coach Karen Nelson paired them at #2 doubles, much to the delight of tennis fans courtside. People line up to watch Monica and Yu-Chien for much the same reason people have histori­ cally flocked to see gladiatorial combat, chariot racing, and professional hockey — there’s a good chance someone might get hurt. The crowded court area and increased proximity of players in doubles often lead to something more resembling target practice than tennis, when hard-hitting athletes are com­ pelled to wear down their impressive rival. TheMt. St. Mary’s coach mercifully excused Abundo and Lasaca from facing Caltech’s dynamite duo again in doubles, so it fell on Linda Nguyen and Mazia Gomez to dosage the Big Guns. They did a good job at it too, losing 6-1, 6-2, but managing to avoid serious injury. In fact, Yu-Chien was the only one to come out of the match slightly bruised, thanks to an earnest serve by her partner.

Jill Bush and Karen “Ace” Shih also turned in an arresting performance in both singles and doubles. Jill slammed her way past Linda Nguyen 7-5, 6-1, while Karen beat Michelle Anderson 6-0, 6-2. Karen “aced” her opponent on the very first serve, which means it was so fast and well-placed that Anderson couldn’t even get a racket on it. From that point on, Shih was in complete control. In doubles Jill and the Ace scored big over Anderson and Monica Diaz 6-2, 6-2. Despite some questionable calls made by the Mt. St. Mary’s pair, Bush and Shih wereflagging a bit in the second set until, as Jill stated, “They called two obviously good serves bad, and that made me MAD.” Jill got her revenge putting big points away at the net, and Karen continued her explosive serving to seal a satisfy­ ing win.

Fourth seed Miran Rhee battled through the closest match of the day in defeating Monica Diaz 6-4, 3-6, 6-3. Miran maintained a high intensity level throughout the contest to wear down her impressive rival. She played especially “smart” tennis down the stretch by calmly dropping the fatigue­died Rhee then bounced back from that draining singles match to quickly down the Athenians #1 doubles team of Abundo and Lasaca 6-0, 6-1 with

continued on page 11

LADY RACKETEERS ON RAMPAGE

John Hoba

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The Jayne Glyn Education Foundation is offering financial assistance to students in both undergraduate and graduate programs. The March 15th deadline for selected students will receive $2,500.00. For details and an application, visit the Jayne Glyn Education Foundation, Attention: Linda Song, Chegg, Adminstrative, PO Box 4008, 721 Riverside Street, New Brunswick, Canada E3B 5G4.

continued from page 10
Rampage

the help of Diane Wong.

Caltic’s perfect day extended to the non-scoring matches as well. Eight seed Linda Springer beat Robin Venetta 6-7, 7-5, and Laura Veneresa became the fifth member of the Beavers’ donut club by blanking Joy Jedrama in the second set of a 6-4, 6-4 victory.

The women’s tennis team continued through PCC’s last night (details next issue), and rolls into Whitier next Wednesday at 3:30 to square off in the season’s first SCIAC contest. While 20-0 may not be quite possible, the unbeaten Beavers are clearly building momentum toward a very successful season.
Events and Services

Sweet Toast with the MOSHI - Bring your sweet tooth with you to the Master’s House, at 355 S. Hilborn for some homemade treats on Wednesdays, Feb 17th from 9 to 11 p.m.

Friday Morning Devotional - That’s right ASCOT and the Caltech Y are merging! The tradition of Friday Morning Devotions will still be served today and every Friday at 8:00 am in front of Lloyd House. For information call 256-2392. Don’t forget your Bible, reading paper, and meet interesting people. Then, you can either go to bed, but don’t miss the devos.

Caltech Career Day - All students and members of the Caltech community are welcome to the opportunity to meet with representatives from companies, professional organizations, and scientific societies with offices on the second floor.

Career Development Center - Monday, February 18 from 11 am to 3 pm in Weimer. For more information call (212) 691-2555. The deadline is February 7.

Friday Prayer - Prayer organized by Caltech Muslim Students is held in the Caltech Y lounge at 12:30 pm every Friday.

Caltech Hilal - Jervis Community Weekly Meeting - A free information gathering, every Thursday at noon in the Y lounge. For information call (212) 691-0259.

Regarding Menstruation - Lunch and conversation regarding menstruation (confidential) is given 2:00-3:00 pm noon. Retreats are served after mass.

Bible Study and Discussion - Every Wednesday at 2:00 pm in the lounge of the Y, with Sister Cindy and other leaders taking turns teaching. Please bring your own lunch. For more information call Sister Cindy at 345-3868.

OWC Bingo-N-Nat - Bring a beach, sociable, or just “hang out” with members of the OWC. Monday at 6 pm in Dabney lounge.

Thursday at noon in music chamber #4.

SPECTRUM Plus Plus SPECTR - the Caltech Science Fiction Club, will be holding its first meeting of the semester on Thursday, February 18, in the Career Development Center at 6:00 pm.

Sunset - Meets on the 1st, 3rd, and 5th Tuesday of each month in the Career Development Center.

DANCE - Meets on the 1st, 3rd, and 5th Wednesday of each month in the Career Development Center.

CALTECH MENTORS - Meets the last Monday of each month at 7:30 pm in the Career Development Center.

Tuesdays - Beer half price. Mondays - Half price margaritas.

SPECIALTIES

Shish kebab Shaorma Souvlaki fresh fish and lamb Baklava Homeade pizza Gourmet hamburgers