Griessl, Sheikh Coast to Big Victory After Sign-up Battle

By ROBERT LI

Mona Sheik '03 and Julia Griessl '03 were elected Senior Class Co-presidents last Wednesday in a controversial election involving a pair of pointed rulings from both the Board of Directors and the Executive Committee. The trouble began on the Tuesday before last, when Martha-Helene Stapleton '03, Sheikh's original running-mate, abruptly abandoned her partner, citing a lack of time as the major reason. However, the information did not reach Sheikh until four p.m. that afternoon, one hour after ASC's stated nomination deadline. "When she made the word of her partner's withdrawal, however, Sheikh asked her whether she would be allowed to select a new running mate, a request that sparked a great deal of controversy between ASC's legislative bodies. Sheikh sympathized with Sheikh's request, but could not do anything about it, given the ruling issued after the deadline, which involved the legitimacy of last month's Secretary election. To push the case cautiously, "There is no explicit procedure on the books, so I tried to poll the opinions of all parties involved," he said. "In the end the question went before the Board and the EAcComm, both of whom approved the measure by five-to-two and three-to-one margins, respectively. Sources indicated that the main opponent of this decision was incoming Secretary Joe Jowell '03, who refused to expound on his decision citing doubt over whether his views would be portrayed accurately. After the decision was approved by the committees, Jowell gave each of the other candidates a chance to veto it. However, none did so by Sunday so Jowell made the change official on the ballots. For the future, in response to the lack of specific rules for resolving the issue, Jowell has proposed a new bylaw. 'Caltech is a place that is generally very open to giving exceptions and being flexible with rules, and I think any new bylaws should be driven by the board. Personally I like the idea of simply giving each of the other candidates a chance to veto the addition of a name on the ballot," the Board is slated to vote on the amendment early next term. When asked about the whole controversy, Sheikh insisted that "there really is no story here!" and that she and Stapleton were "still good friends." Meanwhile, as newly affirmed Senior Class co-presidents, Sheikh and Griessl have three main goals. For starters, they want to ensure that the Commencement Speaker reflects the choice of the senior class rather than that of the administration. Next, they would like to ensure that "Ditch Day brings back the "freedoms of Ditch Days past." And finally, they aim to make a "meaningful, useful and long-lasting contribution" for the Senior Class Gift.

On March 15, Caltech was host to one of the most renowned theoretical physicists in the world, Stephen Hawking, who gave a lecture open to the public entitled "Brane New World." His lecture was taken from the seventh and last chapter of his latest book The Universe in a Nurdle and described the new theory on the formation of our universe. The Big Bang Theory, which has dominated the debate for over 50 years on how the universe evolved, has always presented several puzzles that could not be explained—"that is, until now. The new

ECpyrotic Universe model describes the current universe as a four-dimensional membrane embedded in a five-dimensional space. "Brane New World" is a clever term for how our universe was formed from the catastrophic collapse of two of three-dimensional membranes moving through another hidden dimension. These membranes, or "branes," are pictured as floating sheets of paper, one parallel to another. A single membrane bounds one end of the fifth dimension, while the membrane destined to become our universe bounds the other end. Other membranes float about in the middle. When one of them slams into our membrane, our universe is born. In contrast to the conventional Big Bang Theory, this Epyrotic Universe model says that collision is taking place very slowly over a period of decades rather than all at once, as implied by this: said Hawking. "The only source of short gravitational waves would likely be black holes." Furthermore, the creators of this model are planning to build a "bridge" to our universe. Instead, it is one single large brane that has hit that is creating a "black hole." In modelling a collision of branes, Hawking and others say that the resultant universe would fit very neatly with the predictions of the Big Bang. Simultaneous temperatures would be produced that would allow the universe to grow in much the same fashion, while creating matter with the same uniformity. The laws of conservation of energy would be preserved. Commented Hawking. "Because of the black hole collision, the energy is the same, just more spread out." So put into perspective how little we know about the universe. Hawking brought up M-Theory, that there are several theories of the universe. He even made a comparison about how little we knew ourselves: "Maybe we are all characters in the computer game played by aliens. The important point is that we can have different descriptions of the universe that predict the same observations. We can say something is more correct than another, just that it is more convenient for a particular situation.

The California Tech

CODING TEAM PREPARES FOR WORLD FINALS

INTENSE COMPUTING AWARDS

Squares Off With 63 Others in Hawaii Showdown

By JON FOSTER

Hawaii: land of surf, sun, and international programming contests. Over spring break a team of three Caltech students will brave the dangers of Hawaii in an effort to win glory for Caltech at this year's ACM International Collegiate Programming Contest World Finals. Caltech's team is composed of David Stafford '04, Leo Loh '03, and Po-Shen Sheikh '03. Others competing for the first time as the major reason. How­

tion two soon-to-be-rich alumni

Caltech was host
to a team of three

computing...
Activists Demand Global Criminal Justice System

By MICHELLE GIRON
After the Nuremberg and Tokyo trials following World War II, the General Assembly of the United Nations acknowledged the need for an international body to try over crimes of a global concern. In 1998, the United Nations formulated a treaty in Rome that would establish an international court to try war crimes, such as genocide, war crimes, and crimes against humanity. This International Criminal Court (ICC) would have jurisdiction only in cases falling under the treaty, and would be composed of eighteen judges elected by the Security Council. Currently, only fifty nations have ratified the treaty, and in the nations that have not are the United States. On Wednesday, March 13, activist Marvin Schachter and lawyer Daniel L. Magel spoke at the Beckman Institute Auditorium regarding the International Criminal Court and its potential role in the future of the United States.

Magel, who specializes in international law, said that the idea of an international court of law is nothing new; the functions of the court deal with international laws that are in current use, and recent tribunals have been initiated by the UN Security Council to investigate such atrocities in the former Yugoslavia and Rwanda. What is different about the ICC is our need for a permanent institution devoted to prosecuting committees of certain serious crimes of international interest. Far from being an abstract body of justice, the ICC would be real and practical for countries.

According to Schachter, this struggle for international law is not unlike America's struggle to create the U.S. Constitution. The U.S.'s involvement in the United Nations shows their commitment to worldwide democracy and justice, and why, then, is the U.S. not taking part in this monumental international court? The Bush administration's continued denial of the ICC suggests that the Republican-dominated Senate in Clinton's administration was correct in their prediction that the ICC would be a threat to American power.

But why, then, is the U.S. fearsome that the ICC would threaten international law? After all, a number of revisions in the treaty were aimed at assuring the consent of the U.S. For example, the treaty provided a means for the UN Security Council to veto the actions of the ICC. Nevertheless, the U.S. still has not signed the treaty.

Despite the relative significance of the proposed ICC on the global scale, the issue remains a minor issue in the U.S. However, in Schachter's opinion, the issue of the ICC is a "hubby" of the future, should the issue have significance, as evidenced by its critical literature on the subject.

Schachter recognized that the ICC could be very useful in America's current war on terrorism because as the ICC would not be subject to the standards of an effective trial. An effective trial must be just and appear so to the world as well as to the nation from which the accused have come from. The Statute of Rome of the ICC will doubtless be ratified by the remaining number of nations in the very near future, and the court will begin exercising power over a jurisdiction of specific crimes. The involvement of the U.S. in the ICC would depend on the current administration and efforts by interest groups.
Those Who Can, Teach
The Cheaping of Pedagogy at Caltech

By NEIL TIWARI

Those who attended the informal panel of faculty members describing the life of a Caltech professor heard a confirmation of what every student knows to be true during their academic stay at Caltech: the research professor's stigma against good teaching.

Caltech is a research institution more than it is a university, and consequently, research will always stand as a greater priority for the faculty than teaching does. There is even a reputation of being a bad scientist if one is labeled a good teacher. “Those who can, do; those who cannot, teach” seems to be the motto among research professors.

The result of poor teaching at Caltech can be captured in a scene over a problem set late at night. It can be captured in the stupidity of learning organic chemistry as the world's greatest playground. It can be captured in a scene of frustrated students struggling over a problem set late at night. It can be captured in the stupendous learning of organic chemistry in a general chemistry class. It can be captured in the disbelief of a nine unit class taking up over thirty-five hours per week. It can be captured in the lack of focused students listening to a professor babbbling about some strange topic or series of students who felt that it was pointless to go to lecture and learn nothing.

Most students believe that it is pointless to go to lecture and learn nothing. Some even have a reputation of being a bad student who felt that it was pointless to go to lecture and learn nothing. Romance is not so fun when one is stuck working with others on difficult problems, or later has a respectable and moderately interesting job (e.g. writer, journalist, lawyer).

Yet although they seem like every man's dream, they always seem to be unlucky in love. Our loving ladies always lack upon handsome, sensitive, and equally quirkly men at the grocery store, at a wedding, or some other implausible place, often by literally running into them as a result of their klutziness (a common quirk, to show that they have flaws, too). Then a series of accidents and bloopers threaten the perfect pair (which are greatly drawn out on television). In the end, the music swells, the couple embrace and kiss passionately, and life is peachy. In most movies' attempts to portray love, they only manage to go through the motions. People kiss and make goopy eyes at each other, so therefore they must be in love, right?

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Hit the Road, Big Oil: Plastics’ Not a Dirty Word

Alternative Fuel in America’s Comic Strip: Oil Crisis

The Impending

DAVID GOODSTEIN, Ph.D.

The smokestacks are belching as we drive through the smoggy streets of Los Angeles. This is a singular moment in our history. We are rushing toward a calamity that may very well be the end of our way of life. It is entirely predictable and almost inevitable. It is not the dosing of terrortists, or the terrorism that may have given us an excuse to do something about it. The calamity I speak of is the end of the age of oil.

Here is the basic physics: Life on Earth exists because of radiant energy from the sun, plus a small amount of nuclear fuel that condensed with the Earth when it was formed billions of years ago. Over the eons, a tiny fraction of that sunlight was converted by natural processes and stored in the form of fossil fuels. In the course of a few generations, we have nearly used up the Earth’s entire supply of accessible petroleum.

When and if the other more difficult to access fossil fuels are used up, we have nothing left to obtain from the sun and whatever nuclear fuel on Earth we have. This means that the world’s oil supply is a finite resource. How much oil is left in the ground? Even if we knew how to answer it, the answer would not change the right answer. A better question is: How long can we get along with this oil? The answer is a matter of decades. For this reason, we need to prepare for an eventual end to our petroleum era.

We already use little bits of solar energy in various ways, but we could conceivably use much more. Biomass (wood from trees, alcohol from corn) and photovoltaics, in addition to the fossil fuels we use, could lead to a clean energy future.

The most reliable source of information about how much oil there may be is not geologists, no longer beholden to their employers, privy to confidential data and possessing the technical skill to do their data. Their estimates of when conventional oil supplies start to decline are limited in various obscure journals and Web sites ranging from 2007 to 2016. In his recent book, “Hubbert’s Peak: TheEnd of World Oil Shortage,” re­search geologist Kenneth S. Deffeyes’ estimate is 2004. After that, we will have no choice but to learn to live on less oil.

As long as we have the sun, we have at our disposal a steady stream of energy that is more than 100 terawatts, or hundreds of thousands of times more power than all the coal, petroleum, and nuclear power plants combined. This energy is available to us at no cost, forever. The sunlight falling on our planet is meter, averaged over the face of the Earth. It is bright enough to supply, to about 10,000 times the electricity we Americans consume. Each of us can only comprehend the magnitude of that by comparing it to something else.

We are living in an age of exponential growth where we think about things like tens of billions and even trillions. A more comprehensible way to think about this is to put it into the context of the human lifetime.

The sunlight falling on our planet is 100,000 times the energy that will be consumed by all the cars in the United States for the last 50 years. As I pointed out in my book “Oil: The First 150 Million Years,” the oil we are using today did not come from the oil we are using today. The oil in the Earth’s crust is mostly an intermediate stage in the evolution of the Earth from a molten state. We need to think of oil as a renewable resource in the sense that what we use will come from what we put back in. We thus have the potential for a renewable energy future.

We need to think of the oil we are using today as a zero-sum game with the oil we are going to get in the future. It does not make sense to think of new oil as a way to solve the problem. That is a bit like thinking we can replace the ocean with water and make the oceans available. It is not possible.

We have the choice of spending billions of dollars on oil exploration and production every year, or we can spend billions of dollars on new technologies and new approaches to energy. The former is a path to disaster, the latter is a path to a clean energy future.

The world is in a state of shock, but we need to wake up and do something about it. The world is not going to wait for us.

Letter to the Editor:

Dear Editor,

I received your article with interest. I am a long-time reader of your newspaper. It is not often that I write a letter, but I feel that it is important to express my thoughts about the issue of oil depletion.

I believe that we need to focus on alternative sources of energy and invest in renewable technologies. The fossil fuels are finite and their depletion is a crucial issue for the future of our planet.

The use of renewable energy sources, such as solar, wind, and hydroelectric power, would be a step in the right direction. These sources of energy are not only sustainable but also environmentally friendly.

I urge you to consider the importance of this issue and to support policies and initiatives that promote the transition to a sustainable energy system.

Sincerely,

[Signature]

Visit a home for abused children and help them build successors from PopSickle sticks, wooden dowels, and an air rocket for power.

I Have a Dream Foundation: Project involving 4th graders at Franklin Elementary (Alhambra) includes a read aloud, flower planting, and some fun games.

TAC1H! - Move a Child Higher: Help children with disabilities use horseback riding as an enjoyable way of improving physical and cognitive abilities.

Traut Maintenance: Visit a trail in the Santa Monica mountains and make it a more pleasant place to ride.

Union Station - Provide assistance to one of the local shelters helping the homeless.

For more info, e-mail the Vice President at v-prez@acgec.org or visit www.caalch.org.
Six-Month Anniversary of 9/11 Attacks

Monday, March 11 was the six-month anniversary of the terrorist attacks on the World Trade Center and the Pentagon. It was marked by silence, prayer, and expressions of unity. The day was dedicated to remembering those who perished, and to finding hope for the future.

Arthur Andersen Indicted

The housewife accused of drowning her 5 young children ranging from 6 months to 7 years old was unanimously found guilty by a Texas jury on Thursday after less than 4 hours of deliberation. Yates had a history of mental illness and pleaded insanity as her defense. On Friday, the jury took less than 1 hour to sentence her to life in prison with parole in 40 years.

Arthur Andersen Indicted

On Thursday, a federal grand jury indicted Arthur Andersen for obstruction of justice in response to allegations that the company shredded tons of Enron documents last fall. Arthur Andersen, one of the top five auditing companies in the US, has been under fire for allegations of cover-up and document shredding regarding its recent audit of the now collapsed Enron. A conviction carries a $500,000 fine and a five-year ban on auditing public companies.

Gaza: MidEast Violence

Early this week, Israel sent large numbers of troops and tanks into West Bank cities in response to terrorist attacks last week. Dozens of Palestinian and Israeli were killed. The operation drew strong criticism from President Bush who has suspended a $200 million aid package to Israel. On Thursday, just before the resumption of US/Israel negotiations, Israel withdrew from the West Bank territories.

Bush Nominees Rejected

The Senate Banking Committee rejected President Bush's nominees, Judge Charles W. Pickering Jr., to the 5th Circuit Appeals Court. Pickering was Bush's first confirmation fight and his first defeat. Senate Democrats said that they wanted to send a message to Bush that they have the power to block his judicial choices. They hope that this will persuade him to consider these decisions carefully.

Zimbabwe Elections Marred by Fraud

The March 9-11 presidential elections in which current President Mugabe was re-elected were not fair and free according to the Electoral Commission. The results of the elections were marred by political violence and electoral fraud.

Ongoing Mideast Violence

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Does the idea of helping handicapped kids in a nursing home who doesn't often get visits appeal to you? Fixing up the home of a needy Pasadena resident? What about talking to an elderly woman in a nursing home who doesn't often get visits?

How often do you get to help people? Get off campus and mingle with people from other houses? Especially all on one day? Would you like to be involved in the local community? If you are from someplace else, making this connection can be daunting.

The Caltech Y is proud to announce our second Make A Difference Day. This is an invitation for all Caltech students, staff, and faculty to spend April 6, the first Saturday of the term, participating in projects that make our community a better place to live.

She search, fine judgment, and demonstrated different challenge, as the new chair of the Division of Humanities and Social Sciences at the California Institute of Technology, sees herself as being able to lead the institution to new heights.

With 'Distinguished Record,' Ensminger Named HSS Chair

PASSADENA, California. She has traveled alone in a war-torn area of Africa and listened to women and children in despair, fine judgment, and demonstrated different challenge, as the new chair of the Division of Humanities and Social Sciences at the California Institute of Technology, sees herself as being able to lead the institution to new heights.

She is a distinguished record of teaching and management skills to an important position, and to be able to work with different faculty to spend April 6, the first Saturday of the term, participating in projects that make our community a better place to live.

The idea is simple. Choose a project and volunteer your time. The Y provides the meals, transportation to the site, a T-shirt, and an end-of-the-day volunteer fair and barbecue. The projects include working with homeless people, children, kids, and animals, and for the environment.

At Caltech, it's difficult to find a balance. Part of the goal of the Y is to help students learn about themselves and their place in the community by providing opportunities that we can't get from classes or house events.

Ongoing Mideast Violence

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IN A PERFECT WORLD
THE PROJECT WOULD
TAKE EIGHT MONTHS.

BUT BASED ON PAST
PROJECTS IN THIS
COMPANY I APPLIED
A 1.5 INCOMPETENCE
MULTIPLIER.

AND THEN I APPLIED
A LIE OF 50.

LYING LEAD FACTOR.

1.5 X 8
= 12 MONTHS.

I'D LIKE PERMISSION
TO HOLD DAILY
PRAYER SERVICES
IN A CONFERENCE ROOM.

I'LL DO IT BEFORE
WORK AND OF COURSE
I'LL CLEAN UP ANY BLOOD.

SO FAR I'M THE ONLY
MEMBER OF MY
RELIGION BUT I HAVE
AMBITIOUS PLANS
FOR BRAIN-LAUGHING.

MEET YOUR NEW
CUISINE NEIGHBOR.
HIS NAME IS MEDICAL MEL.

MEDICAL MEL
THE NEEDLE WAS
FOUR FEET LONG
AND THICK AS A PENCIL.

I TRIED TO RUN
BUT THE DOCTOR HAD
SEEN AN OLYMPIC
SPEAR CHAMPION.

MY NEW NICKNAME
AT THE HOSPITAL
IS BOB - SHORT
FOR SATISFIED.

HAVE YOU COMPLETED
YOUR SKILLS
INVENTORY?

I'M SUBMIT-
TING IT NOW.

THEY USE THAT
INFORMATION TO
TRANSFER YOU TO JOBS YOU DON'T
WANT.

YOU'LL BE OKAY AS
LONG AS YOU DON'T
CHECK ANY OF THE
BOXES IN THE HAZMAT SECTION.

OUR NUMBERS ARE
WAY DOWN. WHAT
SHOULD WE DO?

REORGANIZE THE
DEPARTMENT SO
THERE'S NO VALID
HISTORY FOR
COMPARISON.

THEN WE'LL FIRE
A FEW PEOPLE AND
GIVE OURSELVES
AWARDS FOR SAVING
MONEY.

IT'S COMING...IT'S COMING...IT'S COMING!!!

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Among those that make up the denominator of our 311 ratio. Now what is meant by that title, a Prince? Those of you who took Hum 3b (and I hope others as well) have read Niccolo Machiavelli’s instructions as to how to be an effective minister and work towards the state (and it is not clear anyone listens since the manual was written while the author himself had been banished from his country). The words of Daniel Donno, the translator, in the “Introduction” to the “Bantam Classic” edition (198) of “The Prince” are the ones to listen by. The introduction of a man, someone endowed with noble motives and one dedicated to work for others.

In our affairs at Caltech we follow our own version of the Golden Rule, doing all we can to avoid harming each other. State, and student welfare cannot be carried out in a way that is just to all, even if there were no other impediments. Besides the diversity of the student body, students and their education are one of the major reasons the Institute, and the only reason in fact, for Student Affairs.

Seeking to better conditions for the students can be a frustrating pursuit. One reason, of course, is that there is no “the students” monolithic; the denomination “students” encompasses people with all kinds of needs and desires. The pursuit of student welfare cannot always be carried out in a way that will satisfy all, even if there were no other impediments. Besides the diversity of the student body which leads to multiple, sometimes conflicting demands, there are winds, sometimes hurricanes, powered by the pressure differential of competing needs. The path to help the students requires one to clamber over blown down trees, tumbled by the demands of research and other concerns of the Institute.

As a result the road can be arduous. The leader must help his troops over these obstacles, guiding the progress, showing the path. Chris whose retirement from the VPship of Student Affairs was made last week, did as Thoreau (whom he quotes in his essay) “a different Pilgrimage” (The Far Side of the Sky; www.danlook.com/stu/postpilgr.png) recommended: “Let him step to the music which he hears, however measured or far away” (H.D. Thoreau, Walden, Conclusion)

Chris has been following such a beat, advocating in the interest of the students. As he said, “It was assembled that windy afternoon on the Olive Walk; I voice my continuing conviction that the very best investment this institution can make is in its students. In continuing to recruit, nurture and graduate the very best young people in the land, indeed the world, in teaching is better than any other school.” His efforts have been so in tune with the needs and desires of his “constituents”, that many took him to be a “native” Caltechector.

How could he be empathic so with the aspirations of Grad and Undergrad, without having himself so thoroughly “drinking from the fire bowl”? Did he ever even look? Yes, his brogues gave him two, but his actions and attitudes show him honestly atoned. He may not be a native, but he has an intimate understanding of the community. So braving the cold and the wind, one student leader after another came forward to praise Chris and his dedication to their well being. Their words echoed those expressed earlier in The California Tech when the news of his illness originally reached Campus. Now as then, student after student presented testimonials about how easy he made it for them to communicate, how comfortable they were talking to him, how closely he listened and how he inspired confidence and promoted effective interactions. No wonder that Chris is the only person to have been Mosh, Dean and Student Affairs Vice President, all three. It is hard to take the dimensions of a prince. All I can do is once more to say thank you, thank you Chris for your advocacy, it has been an honor to serve under you. A biennet

Jean-Paul Revel
Dean of Students

In Hamilton, Missouri, or St. Louis, Missouri, or Kenya, two places where Ensminger will bring a group of people together to play in pairs. Player one is told he or she, say, $50 to divide with the other person, both will remain anonymous to one another, and player one can give player two any amount or nothing. How is the money divided? More than fifty percent, since the players are not expected to divide the $50 equally. Even more counterintuitive to conventional economic theorizing, says Ensminger, is that the more involved a person is in a market economy—such as earning wages, or raising something crops that are sold—the less fair people tend to be. Across 16 small-scale societies studied around the world, the United States is the most fair-minded reported to date, while hunter-gatherers are the least. The African and other small-scale communities.

The simplest game she uses plays for fairly high stakes, usually a day’s wages, whether the game is played in Hamilton, Missouri, or Ways, Kenya, two places where she has conducted her research. Ensminger will bring a group of people together to play in pairs. Player one is told he or she, say, $50 to divide with the other person, both will remain anonymous to one another, and player one can give player two any amount or nothing. How is the money divided? More than fifty percent, since the players are not expected to divide the $50 equally. Even more counterintuitive to conventional economic theorizing, says Ensminger, is that the more involved a person is in a market economy—such as earning wages, or raising something crops that are sold—the less fair people tend to be. Across 16 small-scale societies studied around the world, the United States is the most fair-minded reported to date, while hunter-gatherers are the least.

For almost 25 years, Ensminger has traveled to Africa, and with the Orma tribe, par-}
Attention: Current Freshmen, Sophomores & Juniors! 2002-2003 Upper Class Merit Awards, Each year, the Faculty Committee on Scholarships and Financial Aid grants a number of Upper Class Merit Awards to students who demonstrate outstanding academic achievement as evidenced by their cumulative GPA up to the Fall quarter of their sophomore year, and occasional exceptional performance. Upper Class Merit Awards are based on outstanding scholastic achievement as demonstrated by academic excellence in formal classes and/or in independent research, and not on completed paper applications to the Financial Aid Office. 2001-02 financial aid applications are due as follows: - Applicants must be attending a COHEAO member school. - Only undergraduate students, who are entering their sophomore, junior or senior year, are eligible to apply - freshmen are not eligible. - Only one scholarship per family per academic year will be awarded - Upper Class Merit recipients and their immediate family members are not eligible for COHEAO scholarships. Further information about the scholarship is only available by the web site at: www.coheao.com. Applications for the USA Funds Access to Education Scholarships are now available. Program details and applications are available online at www.usafunds.org. The deadline for application is April 15, 2002. This year's program will award scholarships of $10,000 each for full-time undergraduate students based on documented financial need. All applicants must have an affidavit family gross income of $35,000 or less. Up to 50 percent of the scholarship awards will be targeted to applicants who, in addition to having financial need, are members of an ethnic minority or are physically disabled. The John Gyles Education Awards are available each year to students in both Canada and the United States. Full Canadian or American citizenship is a requirement. Awards are available to both male and female students for all areas of post-secondary study. A minimum GPA of 3.7 is required. Criteria other than strictly academic ability and financial need are considered in the selection process. Recipient students will receive up to $3000. Filing dates for mailing applications for 2002 are April 1, June 1 and November 15. Students can receive an application by sending a stamped, self-addressed standard letter size (No. 10) envelope to the following address: John Gyles Education Awards 578 8th St., Fredericton, New Brunswick Canada E3B 5G4 Desk and Derrick Educational Trust Full-Time Student Study Scholarship for 2002-03. The Association of Desk and Derrick Clubs sponsors a scholarship program through the Desk and Derrick Education Trust for student citizens of the United States and Canada who have completed two years of undergraduate studies with a minimum 3.0 GPA (computed on a 4.0 scale). Applicants must be pursuing a degree in petroleum or natural gas engineering. Non-science majors are requested to focus on those areas of study that are directly related to the petroleum industry. Check with your financial aid office to confirm that you are eligible and that you have completed two years of study with a minimum GPA of 3.0. If you have any questions or suggestions, please use e-mail Alison Sim at asim@caltech.edu. Attention all undergraduate students on Financial Aid: The last date to request any change to your 2001-02 financial aid award is Wednesday, May 1, 2002. Requests for 2001-02 changes made after May 1 will not be considered. Please contact the Financial Aid Office at ext. 620 if you have any questions. Information on New Tax Benefits. Looking for information on the new tax benefits of paying for your Caltech education? The Financial Aid Office has several publications to assist you in preparing your income tax returns. Stop by our office if you would like copies of the materials. The Caltech Financial Aid Office does not offer tax advice and you should not rely on the publications without consulting a professional financial advisor. Reading the actual tax regulations can be a daunting task. The IRS Tax Tips for Caltech Students can help. These materials are for informational purposes only and may help clarify some of the most commonly asked questions. Although the materials published are believed to be accurate, no guarantee is made with respect to accuracy or applicability to your financial situation. The Literature Faculty is also pleased to announce the Annual Hallett Smith Competition honoring the finest essay devoted to Shakespeare. Full-time, officially registered undergraduates are eligible to enter the competition. All submissions must be typed and double-spaced and should not exceed 4,000 words. The essay may be one prepared for a humanities class or may be specifically written for this competition. Judging is in a major three-member committee consisting of two such as Professor Moyneur La Belle, Division of the Humanities and Social Sciences, Professor David Hallett, Professor of Biology, and Professor of Chemistry, and the judging committee will divide the award in case of more than one submission. For more information, contact Prof. La Belle, ext. 3605, or Barbara Estrada, ext. 5609. Do you remember participating in Odyssey of the Mind? Did you know that you can still compete in contests that are less about your ability to write a time consuming essay. However, due to some legal issues, OM has recently become Destination Imagination. CalTech will be competing next year at the collegiate level in Destination Imagination. Come to an organizational meeting for the 2002-2003 year. The first meeting will be April 2nd from 3-7:30 pm in Club Room A in the SAC. Who's why: We're looking for team members, coaches, and volunteers of all ages. If you're interested in trying Destination Imagination or seeing what it is, come see! Your attendance is crucial to fulfill our commitment to the 2nd year in the State's. Questions, contact Kaye Pechtel, ext. 2726. The Caltech Dance Troupe has five ballet classes every Saturday in the Athletic Center multipurpose room. Beginners meet from 2:30-3:30 pm and intermediate dancers from 1:20-2:30. We also have a professionally taught jazz class on Tuesday evenings, 10-11pm, for a small fee. For more information, please see our web site: http://dances.caltech.edu. Lea-Bi-Gay-Tns Discussion Group Whether you are out and proud, exploring your sexual identity, coming out, or anywhere in between, we invite you to our Interest Group, which meets on the 1st and 3rd Tuesdays of each month from 6-7:30 in the Hitchens Community House. The group is open to all middle and upper school students and the atmosphere is generally very relaxed: at the same time, more personal and experiential exercises focusing on basic relaxation techniques and stress management skills will be offered. For more information call ext. 8331. To find out about LBGT events on campus, please visit the Caltech Student Pride Association (CSPA) calendar at http://lavender.caltech.edu. Feeling STRESSED??? Sign up for the Stress Management Workshop offered by the Student Counseling Center. Participate in a 2-day weekend of informal learning and experiential exercises focusing on basic relaxation techniques and stress management skills. The workshop will meet on Monday, March 25, 2002 from 9:30 am to 5:30 pm in the Health Center Lounge. Space is limited, so please call ext. 8331 to reserve your place in the group. The workshop will be facilitated by Anna Morita, M.A., and Evelyn Novello, M.A. Are you interested in discussing life at Caltech and in the United States with other non-American students? Caltech is pleased to be hosting a forum for Caltech students to explore the process of cultural adjustment and relating across cultures. The group meets every Monday from 12:1 pm in the Women's Center Lounge, 265-86, 2nd floor of the Center (for Student Services). This group is facilitated by the Counseling Center and International Students Program, and is open to ALL Caltech students, graduates and undergraduate, American and international. Drop-in welcome. Since lunch is provided, please contact Kim at andrea@caltech.edu if you plan on attending on one of the meetings, this will guarantee that we have enough food. As a result of the Irvine Foundation funding, Caltech has a limited amount of money available for diversity programs related to underrepresented minorities and women for academic year 2001-2002, reports from students, faculty, and staff are welcome and should directly address how the program relates to issues of diversity. Proposals should also include a description of the event, including purpose, audience, date, location, and budget. Application forms can be picked up in the Office of the Desk and Derrick Education Trust on or before April 1, 2002. All information must be furnished. For more information on available scholarships, please visit the Financial Aid web site at http://www.caltech.edu/aid/apply. To reserve a seat, call 628-5856. Biology Tutor wanted for High School Student. The tutor's main responsibility will be to tutor the student in both math and science. This can be done via the e-mail. Rate of pay is $20 per hour. Approximately 1.5 - 2 hours per week. Contact Tisa JAFF@caltech.edu or 626-585-8665. 8 THE CALIFORNIA TECH MARICH 8 2002 40-58 Pasadena, CA 91126 THE CALIFORNIA TECH To submit a Mint, e-mail mints@caltech.edu or mail your an- nouncement to Caltech 40-58 Amita. Submissions should be no longer than 100 words, so be brief. The editors reserve the right to edit and abridge all material. Deadline is noon Friday. Citations specified, all mints will run for two weeks.