Instilling Pride in Our Black Community

Michael Dyson Visits Caltech
by Edray Goin

A friend and I waited, rather impatiently, for him to arrive. Stanley Grant and I went to meet him outside the Red Door Cafe at 1:30 PM, along with Professor Douglas Flamming, and discuss our current research in African-American history. I looked at my watch, then towards Fleming House, and saw them returning from their lunch meeting at the Atheneum. Dr. Flamming defused him physically, although the atmosphere was the big man on campus. We would finally meet Dr. Michael Eric Dyson.

Through the valiant efforts of Davon Houser and Jean Andino, Dr. Dyson was invited to spend four days at our institution and speak with us on Friday night, April 22, about contemporary problems in black America. This renowned professor of Afro-American Studies at Brown University in New Jersey is an ordained Baptist minister, has lead his own church, written two books, appeared on the Oprah Winfrey Show twice, lectured at universities across the country, and occasionally writes articles for Rolling Stone magazine. He just happened to only be 36 years old.

Michael Dyson's career is a true success story. After growing up in the ghettos of Detroit in the 1970's, he was a father at the age of 18. Although he did not enroll in college until age 21, he earned a bachelor's degree in philosophy, a master's degree and doctorate in religion, and became a full, tenured professor by 35. Ironically, Dyson was the first in his family to go on to college.

Recently, Dr. Dyson testified before the United States Senate on behalf of Gansta Rap. Along with Representative Maxine Waters of Los Angeles, he argued that the music is not a product of the inner city, but a product of the societies they live in. Although he disagrees with calling rap gangsta rap, he believes that our country should help women by expanding child care, fighting sexual harassment, and offering more economic opportunities rather than degrading black men who have no power in this country at all.

During his brief stay at Caltech, Dr. Dyson had the opportunity to meet with various groups on campus. The undergraduate community was his host for a few hours, while he had dinner in Fleming House on Thursday night. Members of the humanities department had lunch with him on Friday, and even the National Society of Black Engineers had a chance to discuss hip-hop music, sports around a football, and reminisce about childhood experiences at their Black Student Family Reunion that Saturday.

Perhaps the highlight of the weekend was his speech on Friday night at 8 PM. Although the turnout was small, the twenty persons present enjoyed an evening of political commentary, subtle jokes, powerful statements, and insightful conclusions. His talk on "The Crisis of Urban Contemporary America" stirred up many emotions. The audience fell dead silent when he recounted an experience with police harassment.

"White folk look at black folk and say 'You're abusing your children. Stop doing that!" They call 911 when they see you abusing your child. I know; someone called 911 on me. They stopped me. I was spanning me child in the privacy of my own car. It was not too private, obviously."

The 1994 Don Shepard Essay Award
by Denton Holland

The Don Shepard Award, sponsored by the Residence Life and Master's Office and established by the late Larry Shepard in memory of his son, Don, a former Caltech student, is the intent of the award is to provide students who have little or no funds left after meeting the expenses of tuition and related insitute costs to have some fun and to explore new interests or pursue a dream such as theater, music, travel, or recreational interests. It is not intended to provide for the necessities of education, like tuition or textbooks, nor is it intended to be used to pursue purely academic interests.

To qualify for one of the prizes, you must submit a typed or neatly and legibly written essay of about one hundred words, which describes a program for your social and/or cultural enrichment. The essays are judged on content and style. The awards this year will go to five students, and the amount of each award may vary from $500 to $1000 depending on the essay. We ask that along with the essay you present us with an estimate of how much your plans would cost.

Essays are due to the Residence Life and Master's Office by May 16.Winners will be announced the week of May 22nd and will receive checks at the end of the academic year.

The contest is open to sophomores and juniors returning to Caltech for the fall of 1994. For more details see DYSON, pgs. 11

Fear and Loathing in Electron Microscopy
by John Haba

As part of Caltech's Science Ethics, and the Life Sciences Seminar Series, Dr. Nicolas Rasmussen talked about how "The Electron Microscope Becomes a Biological Research Tool," last Wednesday, April 21. While the subject may seem dry on the surface, Rasmussen managed to give us glimpses into the dark underbelly of the politics of science. Dr. Rasmussen was an adept and interesting speaker, though he was prone to sprinkling phrases like "synthesis names without a scorecard." What follows is a brief John Madden-style summary of his talk.

In the late 30s, many groups showed how to work developing electron microscopes. The RCA corporation was working harder than anyone. They brought in Belgian free agent L.L. Marton to build them a big electron microscope. BOOM! He built one called the RCA Model A. The problem was, it had a big bulky leaky vacuum chamber around all the vital components which made it a pain to use and service. RCA wasn't that pleased with Marton's scope, so they brought in James Hiller from the Great White North to build a better one. BAM! Along with RCA's V.K. Dworykin, Hiller built RCA Model B. Model B was a huge commercial success and brought in good press for RCA and America during the World War II years. Marton played second fiddle to Hiller for a little while, then was able to get Stanford to form a Division of Electron Optics with himself as the chief. But, Marton didn't hold the purse strings and he wasn't granted tenure. Marton tried to build a microscope and only allowed himself and his department to use it. Thus, he could get co-authorship on a bunch of biology and chemistry papers. Unfortunately for him, RCA was building a microscope juggernaut. They had a committee of people who wouldn't allow any one to publish results from RCA microscopes unless the standards they used were up to RCA quality guidelines. In this way, they established electron microscopes as legitimate scientific tools, and they established a self-sustaining method that researchers would use from that time forward. No one wanted to play by Marton's rules, of course. Thus, the final score was RCA, Dworykin, and Hiller 1, Marton 0.

Rasmussen also had a strong argument explaining RCA's interest in electron microscopes. While RCA could not hope to sell huge amounts of them, all the prestige and good press gained from electron microscope research gave them a gigantic edge in getting the government to approve their TV system over the several systems being debated at the time. In fact, Rasmussen showed us RCA ads from the 40s and 50s showing electron microscopes and television "leaves" on the same technological tree. So, it seems as if long term corporate strategy helped make electron microscopes legitimate scientific tools more than anything else.

In the end, once again, money talks.

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Games and Puzzles...

Events and Notices...

For more details on this story, and many others in the history of science, consult the pretty decent collection at Millikans Library.
Del Mar, Chester Signal Update

In response to Professor Emeritus Ned Munger's letter in last week's issue of The Tech, let me update the Caltech community on the status of the proposed traffic signal at the intersection of Del Mar Boulevard and Chester Avenue.

The City of Pasadena approached Caltech in the latter half of 1993 and invited Caltech to buy a new stoplight for the city at the intersection. The Institute initially suggested that, because the city was directly responsible for diverting traffic from California Boulevard to Del Mar as part of its recent upgradation of Chester Avenue, the city should be responsible for installing the light. Even though the Institute took the position that Caltech was not directly responsible for diverting traffic from California Boulevard to Del Mar as part of its recently upgraded General Plan, the city should be responsible for installing the light. Even though the Institute took the position that Caltech was not directly responsible for diverting traffic from California Boulevard to Del Mar as part of its recently upgraded General Plan, the city should be responsible for installing the light.

Del Mar Boulevard is a west–east traffic artery, Caltech offered to cost-share up to $100,000 of the stoplight. (Shortly before, the City of Del Mar, Chester suggested that, because the city was directly responsible for diverting traffic from California Boulevard to Del Mar as part of its recently upgraded General Plan, the city should be responsible for installing the light.)

On the status of the proposed traffic signal at the intersection of Del Mar Boulevard and Chester Avenue, Del Mar, Chester suggested that, because the city was directly responsible for diverting traffic from California Boulevard to Del Mar as part of its recently upgraded General Plan, the city should be responsible for installing the light. Even though the Institute initially suggested that, because the city was directly responsible for diverting traffic from California Boulevard to Del Mar as part of its recently upgraded General Plan, the city should be responsible for installing the light.

On February 23, 1994, the city informed us that Caltech agreed unconditionally to pay for the traffic signal. (Shortly before, Caltech had asked the city at least to commit to the costs for relocating the stoplight slightly westward when the Caltech campus enlargement envisioned by the Institute's Master Plan is developed in the distant future; the city refused.)

For those who might as yet be unaware, May is officially known as Bike Month across the nation (it is also Water Awareness Month and a number of other events both local and federal that need not concern us here)—the point being that people should take advantage of the generally more benign weather conditions prevailing during late Spring to get out into the fresh air! (for some hopefully healthy pedaling exercise with a yawn.)

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The stoplight would remain a low priority unless the Institute, or Caltech or live nearby.

Annually in May as Bike-to-Work Week, encourage everyone to get to work by some means other than personal car use. For others it may mean taking the bus or a train, but for those of us living within easy cycling distance of work or school (say 5 miles or less), the bicycle is the obvious choice. Like the car, a bike offers an individual the freedom and flexibility to come and go whenever they like, and if properly outfitted with racks and saddle bags, a bike can easily carry most of what is normally hauled around by car (groceries, books, clothes, and even the kids if a trailer is towed along behind). Parking is a seldom problem, particularly if one can take it into one's workplace, and the actual costs of keeping it road worthy are virtually still compared with the endless economic drain of operating and maintaining a motor vehicle—no matter how useful it might be for driving out of town or to the store several times a week often obviates the need for other exercise.

So, this Memorial Day weekend, bring your bike out. Here at Caltech, we have had a rudimentary cyclo-commuting incentive program in place for nearly a year. In exchange for filling out monthly questionnaires, participants are eligible to receive guaranteed rides home in the event of rain or other unlikely calamities, earn some thoughts of recognition (and gift certificates to a local bike shop) as a Cyclist-Commuter of the Month, and potentially win a new bike or other commuting products at our annual raffle—currently scheduled to coincide with the conclusion of Bike-to-Work Week on Friday, May 20. Several dozen new bike racks have also been installed throughout the campus, and top prize-winning parking conditions for those who must still leave their bikes outside.

For those interested in exploring further the self-sufficiency of going by bike, they will also be offering a bike clinic in front of Winnetn from noon to 1:00 pm, May 16–20 to evaluate any two-wheeled transportation systems that might prove suitable for commuting purposes, particularly if they have been left lying around some time too long. However, feel free to contact me personally with any questions about the program or bike commuting in general. Reach Annely, 252-25, or atile@hoyougb.org.

Liberal Views Disputed

I would like to differ with Vicki Brown on three points in her article, A Liberal's View of Homosexuality, which appeared in last week's issue of The Tech.

1) By her expression, "on going to hell or what not-yet-won," it seems to me that she regards the topic of hell as boring. It is my contention that love proceeds from God's heart and is therefore subject to God's restrictions on its expression.

2) In her article she states, "There is a diversity of views on homosexuality, and all of them are valid." Should a valid view in an argument be accepted aside as "yawn"? I think she is being double minded.

3) She appears to promote the view that love can be defined only in humanistic terms. It is a contention that love proceeds from God's heart and is therefore subject to God's restrictions on its expression.

Andrew Forrester

Commentary on ASCIT Change Brings Response

A "Proposal to Change ASCIT" appearing in April 29th's issue of The Tech, Steven Fought makes the distinction between the "character" of the old Caltech student (before 1989) and the "character" of the new Caltech student (after 1989). He then makes the rather peculiar, if amusing, claim that the old Caltech student is one that the faculty thinks would make a good scientist, while the new Caltech student—more the Harvard or Stanford type—is less interested in becoming a scientist.

I ask Mr. Fought to explicitly and specifically name those character traits that distinguished the old Caltech student from the new Caltech student and to explain how these traits determine whether or not a student is likely to be interested in becoming a scientist.

Perhaps Mr. Fought has confused the traditional culture of science with science itself.

Mirza Hartmann
Graduate Student, Neurobiology

PRO-BIKING PROPAGANDA

By Riley Geary

For those who might as yet be unaware, May is officially known as Bike Month across the nation (it is also Water Awareness Month and a number of other events both local and federal that need not concern us here)—the point being that people should take advantage of the generally more benign weather conditions prevailing during late Spring to get out into the fresh air! (for some hopefully healthy pedaling exercise with a yawn.)

For those that may have properly identified the problem (i.e., too many cars on the road for either our own good or the good of the planet), the solution should be self-evident: someone should be saving money by carpooling, for others it may mean taking the bus or a train, for others of us living within easy cycling distance of work or school (say 5 miles or less), the bicycle is the obvious choice. Like the car, a bike offers an individual the freedom and flexibility to come and go whenever they like, and if properly outfitted with racks and saddle bags, a bike can easily carry most of what is normally hauled around by car (groceries, books, clothes, and even the kids if a trailer is towed along behind). Parking is a seldom problem, particularly if one can take it into one's workplace, and the actual costs of keeping it road worthy are virtually still compared with the endless economic drain of operating and maintaining a motor vehicle—no matter how useful it might be for driving out of town or to the store several times a week often obviates the need for other exercise.

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The California Tech
Fred Zeigler Memorial Award

Amalavoyal Chari has been chosen this year's winner of the Fredrick J. Zeigler Memorial Award. Amalavoyal is a sophomore during his summer research for chosen this year's winner of the buckminsterfullerene molecule.

Jentoft-Nilsen Memorial Award

Moeen Abdin is first to receive this honor.

The Winners' Circle

The Latest on Caltech's Undergraduate Awards and the Undergrads Who Win Them

from the Dean's Office

Robert L. Noland Leadership Awards

Becky Green and Ben McCall will receive the Robert L. Noland Leadership Awards for outstanding leadership and service to the students of the California Institute of Technology at a dinner in the Aheeman on May 17.

Mandel is first to receive this honor.

Jentoft-Nilsen Memorial Award

Moeen Abdin is first to receive this honor.

The California Tech
Register to Vote by Monday

by The League of Women Voters, Pasadena Chapter

Registration for voting in the June 7 Primary Elections will close on Monday, May 9. Persons not yet registered need to fill out a registration form and get it in the mail by Monday, May 9. Forms are available at the following locations:

- The Caltech Mail Service Lobby, 104 Keith Spalding Building
- Winnett Student Center, The Caltech Y, Room 218; and 9 public libraries and post offices.

Requirements to register are:
- U.S. citizens, eighteen years of age by election day, and thirty days residency.
- Registration can be done entirely by mail, using prepaid postage-free forms provided by the L.A. County Registrar of Voters. No witness to a signature is needed since penalties for perjury apply if false information is given. Each registered voter will be mailed a sample ballot giving polling place location, an absentee voter application form, and a voter information card. Failure to vote results in a $5 penalty.

This Week's Grand Total:
$1,560 and one beige Toyota truck.

ASCIT NEWS

- Positions on the SURF Study Advisory Council have opened (sign-ups are posted on the east side of Winnett). Applicants must either have had a SURF or will have one coming. Sign-ups close at 5:00 PM on Friday, May 13; applicants will be interviewed by the Board of Directors.

- The monthly Faculty Board Meeting is this Wednesday. Undergraduates, if you would like to discuss something, please be there: the ASCIT Treasurer or President will be there to discuss the minutes.

- The Special Topic at this meeting was the proposal to separate the BOC from ASCIT. After long discussion (see the minutes) and careful con-

Consideration, a motion to pass the proposal failed. If you have questions or comments about this issue, please talk with a member of the BOD.

- The BOD will have a meeting on Tuesday, May 17. The Special Topic at this meeting will be the Club Funding Policy.

- Clubs are reminded to pick up their third term funding this term. Contact the ASCIT Treasurer or President to pick up your club's BOD Minutes.

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Caltech Velo Places 20th in California

by Michael Kantner

During the season’s final weekend of activity, Caltech passed Santa Clara and finished twentieth in the state. Led by Jody White’s consistent successes, Caltech rebounded from last place in season performance the week prior at UCLA. During the final race of the road season, all of California’s teams placed.

Caltech fielded a season-high eight riders in the UCLA road race on April 16. The course was a fourteen-mile loop with 1,250 feet of climbing each lap. The men’s and women’s B races were two laps and the men’s C race was three laps. Cyrus Behroozi, Marcus Chen, Seiya Fujikawa, Kevin Hoke, and Andy Zug competed in the Men’s D race. Unfortunately, Seiya and Marcus flared early in the race. Kevin placed fourth in the King of the Mountain competition and placed eleventh overall. Andy Zug, in his first race of the sea­son, finished strong in thirteenth. Cyrus, not a strong climber, finished behind the main pack. Jody finished fourth in the Women’s B race, the best finish for Caltech. In the Men’s C race, Caltech’s bad luck continued. Scott May had a flat and Michael Kantner stopped to help a motorcycle crasher; while the fall caused caltech to fall to twentieth in the state. Michael, not a strong climber, finished ninth overall.

As for other news, here’s the list of upcoming road race results:

Caltech

UCSD

UCSB

USC

Claremont

Pomona

UC Santa Cruz

UC Irvine

UCSD

CP SLO

CSU Bakersfield

UCSA

UCSB

UCSB

UCSB

UCSB

UCSB

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YESS ’94
SUMMER MATH
TEACHING POSITION

Teaching position in the Young Engineering and Science Scholars (YESS) Program is available for a mathematics class this summer. YESS, a residential program that introduces high school students to the joys of intensive scientific investigation, runs from July 5th to August 5th. Job entails teaching math, with an emphasis on mathematical reasoning and critical thinking, to 40 students for 3 hours a week at a level accessible to entering high school seniors.

Applications, which will require an outline of proposed curriculum, are available in the Vice President for Student Affairs Office, and are due on Friday, May 20. Undergraduates, graduates, and all others are encouraged to apply.

For more information, contact Athena at x3180.
Playing matchpoints against questionnable opponents, I ran into a tower that I'd never seen before. Fourth to speak, red on white, it holds:

- ♦ K682 ♦ Q010 ♦ 8765

My LHO opens INT, showing 15—17 HCP and partner doubles. We play Woodyl over strong notrumps, so partner is showing a four-card major and a longer minor, which is a very creative about entering the auction over their strong notrump, so he may have a hand that is unexpected, but for the moment, I shall have to believe this thinking is correct and that my redoubles are quite sound.

At this point, any suit bid by me would suggest it as a place to play. If LHO passed, ♦ would have already passed out, but partner does that job. LHO passes, too, and partner bids ♦. That is a nice surprise, but something is going on here. David's four-card fit is probably not really good, I can live with ♦, so I pass again. LHO does too, and partner redoubles! Redо passes and pusses and I have my first real problem of the auction.

- ♦ LHO PARTNER RHO Me
- ♦ INT Double Redouble Pass
- ♦ Pass Double Redouble Pass ???

What is going on? Partner is supposed to have a good hand to enter at this vulnerability, but he cannot be intending to play ♦ redoubled. If we were to make ♦ doubled, we would have all the matchpoints, so to speak; but besides, RHO sounds like a man with a fistful of clubs and I have five of them. If partner has clubs, there are 17 of them in the deck. The double is probably for takeout, but that means how in the four suits and 4-4-5-0 in the majors. He has a club void. The first thing I know for sure is that I must act as if I am considering bidding ♦. This partner deserves to sweat. Fortunately, it is not clear what to do right now so I can happily let him worry without having to do anything untoward.

If partner is 4-4-5-0, what does he make and what can they make? It seems obvious that they can make ♦; they have nine hearts and lots of high cards. No, if they reach ♦ 4, I shall be on lead and I'll lead the ♦ 8, with ♦ damn right. Hopefully, he'll be able to get to my King (the nine was suit preference) and I can give him a second ruff. He must have another trick somewhere or we shall not be able to play this hand undoubled. Good!

The Law of Total Tricks suggests that, since they can probably only get ♦ and ♦ is not that crazy, so we shall beat ♦ spades and probably the same in diamonds. It is probably all that we shall not be able to play this hand undoubled. Good! So my first priority is to be allowed to play the hand at or below 25 ♦, otherwise, I want to make double and ♦ 4.

- ♦ Q110 ♦ V73 ♦ Q126 ♦ K1096
- ♦ N ♦ 9 ♦ K190 ♦ 9
- ♦ S ♦ 3 ♦ A1043 ♦ 8

Usually, the best action is to bid as much as one thinks one can make immediately. On this hand, that is ♦ 4. I think that is a poor tactic now, though. I want to play the hand doubled. Jumping the bidding might come from doubling the best defense, then letting up on ♦ 4 at all. That means I should probably bid ♦ 4. If I bid ♦ 4, what will happen next? Can I reconstruct their hands? Hearts are probably 4-5-5 with ♦ 4-4-3, spades 2-2-2 in ♦ and diamonds probably 2-3-3, though they might be 4-2. My guess is that RHO is 4-3-2-2, giving them ♦ 4-4-3 and ♦ 2-2-2. No one will pass, RHO will bid ♦ 5, and we shall defend ♦ 4. Unless, horrors, LHO passes ♦ 4 out of confusion. She's clearly never been in this position before. Bidding ♦ 7 seems as if it will work out poorly. I have a better answer, though. If I bid ♦ 2, LHO will double and ♦ HLO will sit it out because he has a doubleton. ♦ 2 has to be easy to make, so ♦ 180 should be a cold takeout unless we can beat ♦ 4 two tricks. In that case, shall we probably make an overtrick and ♦ 380 is better than ♦ 300. I bid ♦ 2, after a long pause. I am still hoping that partner is worried about my passing, but he seems fairly nonchalant rather than relieved. All else goes as planned, and I make ♦ doubled with an overtrick for the matchpoints. The whole hand was:

- ♦ A873 ♦ A542 ♦ 987522
- ♦ 2-2-2-2
- ♦ Q110 ♦ V73 ♦ Q126 ♦ K1096
- ♦ N ♦ 9 ♦ K190 ♦ 9
- ♦ S ♦ 3 ♦ A1043 ♦ 8
- ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦ ♦

Partner's hand was rather thin for a red on white, but his continuation was thoughtful and very successful. Once he had identified the key, he was able to enter the matchpoints. The unusual tactical situation for me allowed us to get the remainder and the redoubts. I said about this situation is that I had to play in our second-best fit in order to allow the opponents to double us. Our best fit would be too hard for them to double. Odd. Also note that RHO bid hearts. He should have started his suit, rather than try to double us. If he were to do so, he would reach ♦ 4 from partner's side of the table, which would pose no problems in the play.
Why it's so disturbing. While on the surface, this movie certainly works well as an action movie, which is probably bad, "keep your humanity in desperate situations, "remember the victims of crime," or a trillion other canned public service messages, it also tells us that the way to be a peaceful country as long as it thinks that the way to solve problems is to kill people. As a film, No Escape isn't all bad. It's about a Marine (Liotta) who gets sent to an island penal colony where there are two main rival factions, one a violent gang of marauders, the other an industrious group that tries to remain "civilized." As expected, the best thing about this movie is the production value, which is responsible for the intricate action scenes, like those of The Fugitive. The movie seems somewhat brief, but it might be a good idea to try to patronize less sadistic action movies, like The Fugitive.

May 3

Los Castores, Salsa & cumbia music, Winnnet quad, Noon-1:00 p.m.

Panel discussion: "Latinos in science & education" Dr. Lilia Villa-Kamoroff, Harvard Medical School, Dr. George Castro, Almaden research centers-IBM, Dr. Elay Rodriguez, UC Irvine, Rami Auditorium, 7:30-8:30 p.m.

May 4

Ballet Folclorico del Brasil, Winnnet quad, Noon-1:00 p.m.

Film: "Like water for chocolate" (Mexico) Recently nominated for best foreign film, Bsero lecture hall, 6:00-8:00.

May 5

Cinco de Mayo celebration! Aztec dancers & musicians Winnnet quad, Noon-1:00 p.m.

May 6

Barnes, Merengue music Winnnet quad, Noon-1:00 p.m.

"A View to Latina Art", Exhibition and art show, Dubney lounge, all day.

May 3

No Escape

By Edward Goina

Saturday night, April 30 began as a rather uneventful evening. While undergraduates took midterms, Save Our Youth was to perform "Romeo and Juliet" in Beckman Auditorium. A full audience was expected for the opening scene. One could see a few props outlining a Veronese countryside that was dimly shaded by the soft red lighting, setting the mood of the stage. Voices became quite as soft organ music could be heard in the background. However, almost immediately the music changed. It was more up tempo; it was hip-hop.

Instantly, a bright white light flashed across the stage, and all could see the cast of fifteen black and Hispanic Pasadena high school kids dressed in contemporary attire, dancing to the music. They sang out in unison through an opening spotlight then sang together in the audience.

This was not an ordinary production of Romeo and Juliet. With the creativity of Ron Mokwena and Minha McK, this Shakespearean play was enhanced to incorporate a more modern "hip-hop" flavor. The actors were all local high school students, and their music was very rhythmic, but the speech was the most interesting. The familiar storyline remained the same. The Montagues and Capulets were rivals for generations. They never sought a peaceful resolution to their conflict. Eventually, the Prince of Verona (played by Ralph Davey) outlawed the fighting, so the Capulets decided to have a masquerade party. Several Montagues - including Romeo (played by Ben Vera), Mercutio (Timothy DiPirl), and Benvolio (Armen Bachelanlou) wanted to have some fun; they crashed the party.

This scene was not as bad as it all would expect. The music was lively enough to dance to, and the actors did just that. Strobe lights added to the ambiance, while party-goers chanted, "When I say Cap - U, you say Let! Cap - U - Let! Cap - U - Let!" as well as "Capulets in da house!"

The problems began when Romeo first saw Juliet (played by Grace Mafiu) and fell madly in love with her. Once Capulet, Tybalt (played by Xavier Mitchell), noticed Romeo, and shouted, "This is a Montague in disguise/to dis our night and blind our eweess!" Just as the two were about to fight, Father Capulet (played by Stewert Aragon) entered and said, "God, the things you kids put me through. You're losing your mind!" Eventually the Montagues left, but Tybalt still had a score to settle.

The relationship between Romeo and Juliet grew, and the two were soon married. However, in another part of town, Tybalt and a couple of thugs confronted Mercutio and Benvolio, friends of Romeo. "Yo dogs, what's up?" Tybalt shouted as he interrupted the Montagues. The two groups exchanged words, but eventually got into a fight. After Tybalt killed Mercutio, Romeo killed Tybalt in a fit of vengeance.

Both Romeo and Juliet became woefully depressed when they were banished from Verona. Later, Juliet's father arranged for her to marry, but she never knew that she had already married and was in love with Romeo. She faked her death to escape the attention of other suitors. Eventually, the Prince of Verono thought she was dead, and killed himself. As Juliet awoke from her deep sleep, she found Romeo dying beside her. Veron was very convincing as Romeo; one could feel that he was a young boy in love for the first time. In one scene, he ripped off his shirt as he going insane. The audience was very surprised, probably because they thought this young boy would never do such. Maweu won the heart of the audience as the coy Juliet. One could sense her sincerity in her love for Romeo. Edray Goins inside the show as the charismatic Mercutio. He portrayed a cute young man, who was not afraid to stick up for himself. He created many jokes, but showed commanding maturity in his many fight scenes.

The evening was very enjoyable, and all who were there said it was one of the best scenes for those that were there. At one point, Romeo comforted Juliet by telling her his feelings: "I love you baby." After a moment's pause, all in the audience could hear a love voice from a confoutated mother; those of us around her laughed as she asked, "Baby?" Ron Mokwena and Minha McK turned this esoteric play into a contemporary statement for inner-city American youth. This piece could be commended for this project, for it was impressive to say the least.

The cast will perform for the next six weeks at the Pasadena High School beginning May 7, and continuing until June 26. For more information, those interested may call the Save Our Youth Office at (818) 583-8551.
The dictionary has at least three definitions for "value." So do we.

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**Hey There, Dabney Girl...**

Great Experiment Hasn’t Happened Before

by Nick Smith

When was the last time an on-campus house member sewed on a button for you? In Dabney House it’s not an uncommon occurrence. All too often, even if nothing else has been done to add comfort, buttons have been sewn on by the RA’s room was emptied, change. And just maybe it will happen somewhere.

Dabney House, having a marred R.A., was considered the best place to try this experiment of coed houses. An alley next to the house was emptied, and the girls moved in. One of the girls is UCC for the alley, and the various rules were modified to fit. Last summer, Blacker House, was turned coed for the people who worked on the ASCC Research Project, but everyone of those points was made. It’s not an uncommon occurrence.

**Ham on Rye: A Social Commentary**

by J. Random Hardy

```
Hey, I’m Joe. I’m in love with you.
```
Bridge Without Sam

Easy
by Jeff Goldsmith

Playing IMP pairs with a good partner and average opponents, I sit East and deal this in first chair both vulnerable:

\[ \text{NORTH} \quad \spadesuit A863 \quad \spadesuit 9A \quad \diamondsuit 9Q \quad \diamondsuit A863 \quad \spadesuit 6A \quad \spadesuit 953 \quad \spadesuit 6A \quad \spadesuit 953 \quad \diamondsuit 9Q ]

I open 1\(^V\), and the bidding accelerates quickly. South bids 2\(^S\), and partner jumps to 3\(^V\), which we play as preemptive, but vulnerable he won't have complete garbage. North continues to 4\(^S\), and I have a decision to make. This is easy; they might go down one or they might make and we are not making 4\(^V\), so I pass. South continues on to 5\(^D\), and I double to end the auction. Partner leads the \( \spadesuit 9 \) and the dummy is a confidence builder:

<table>
<thead>
<tr>
<th>NORTH</th>
<th>SOUTH</th>
<th>WEST</th>
<th>EAST</th>
</tr>
</thead>
<tbody>
<tr>
<td>\spadesuit 6A</td>
<td>\spadesuit 9A</td>
<td>\spadesuit 9Q</td>
<td>\spadesuit 9Q</td>
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<td>\spadesuit A863</td>
<td>\spadesuit 9A</td>
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<tr>
<td>\spadesuit 6A</td>
<td>\spadesuit 9A</td>
<td>\spadesuit 9Q</td>
<td>\spadesuit 9Q</td>
</tr>
</tbody>
</table>

Declerer plays the \( \spadesuit 9 \) from dummy and I win the Ace, thinking about what to play to trick three. Shall I underlead the \( \spadesuit 9 \) to partner's honor? Or shall I cash out for down one and hope for a trick from partner? I'm thinking about this when, to my horror, declarer ruffs the \( \spadesuit 9 \) and I double to 5\(^S\), which he continues to 6\(^S\), and I double to end the auction. Partner leads the \( \spadesuit 8 \) and I win the trick.

The main difference between a crossword and a cross-number puzzle is that each space is to be filled with a numeral instead of a letter. As with most crossword puzzles, the elegant ones are those which have a 180° rotationally symmetric grid and no "unches." What? You don't know what "unches" are? "Urch" is a portmanteau for "unchecked square." It refers to a square that is only used once. Supposedly, an expert should be able to solve a crossword by only using the Across clues, or by only using the Down clues.

A main difference between crosswords and cross-number puzzles is that the clues of cross-number puzzles are highly recursive. The puzzle would be too easy if every clue was attainable without looking at other clues. Sometimes without taking all the clues into account, the puzzle is not solvable.

An arbitrary convention regarding cross-number puzzles is the usage of zeroes. The general convention is that zero may never be allowed correctly, and will win 4\(^S\) if it's 

ACROSS

1. Square of 9
2. Multiple of 10 above
3. Multiple of 10 down
4. A perfect cube
5. A multiple of 9 minus one
10. A square

DOWN

1. Ramanujan's number
2. Multiple of 10 down
3. Multiple of 10 down
4. A perfect cube
5. A multiple of 9 minus one
10. A square

Discuss the ingenious idea that each president was "worth" two vice-presidents, so the minimum is just 13 choose 3, or 286 keys. Unfortunately, they failed to notice that by consolidating two vice-presidential sets into one set for the presidents made some keys extraneous because they were duplicated.

I've worked out a solution that only requires 56 keys. Let's classify these keys into 7 keys in set A, 7 keys in set B, 7 keys in set C, and 35 keys in set D. President 1 gets all keys in sets A, B, and D; president 2 gets all keys in sets A, C, and D; and president 3 gets all keys in sets B, C, and D. Each vice-president gets six keys from each of A, B, and C, so that each one is missing a different key from each set, and 20 keys from set D so that each different key is own by a set of four vice-presidents, no two sets alike. This way each president gets 49 keys and each vice-president gets 38 keys.
 Strikeout

from page 9

establishes some minimum penalties for these same offenses. The second sentence of the first paragraph reads: “I wasn’t beating him, I wasn’t hitting him, I wasn’t killing him.”

from page 5

my Daddy!” I said, “This is because of you, Homeboy!”

“I said, ‘Sir, Mr. Policeman.’ This was way before Rodney, but I knew what time it was. Yes, I got real, real grasious. I said, ‘Mr. Policeman, sir, I’m just here disciplining my child so as to be a man in society to them.” They pulled me out of my ride. I said, ‘I’m a professor here at Hartford Seminary.’ He said, “Yeah, and I’m the Pope.”

“Then he proceeded to throw me against the car. I said, ‘Sir, you’re making a tragic mistake.’ He says, ‘Sure.’ Three other cars proceed to pull up. And then they’re trying to justify their own treatment by trying to verify whether or not I’m his father, although my wife and child are sitting there in the car telling him who I was.”

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Attention Campus Employers! Do you wish to receive information on students for summer positions? Call x6361 or visit us in Room 80 Fellowship Center. Please call about one week to visit us in Room 80 Fellowship Center. You will be notified about upcoming opportunities.

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**Events and Notices**

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