Alzheimer’s Comes of Age
by Doug Gray

There are several diseases that have attracted much attention only in recent years. One of these was the topic of this week’s Watson Lecture, given by Dr. Elias Laszariides: “Alzheimer’s Disease: An Aging Disease Comes of Age.”

Laszariides described the nature of the disease and the ongoing research into finding a way to deal with it. He noted that ten university research centers had been set up to study this particular problem.

The reason that Alzheimer’s has cropped up only recently is that the average life span has jumped up in the last few decades, and the disease appears very late in life. It is a degenerative nervous disorder whose cause is loss of memory and cognition, senile dementia in later stages. It afflicts about one percent of the population of this country and is the fifth leading cause of death for the age of 70. Roughly 100,000 Alzheimer patients in the U.S. die per year.

Other nervous disorders occur in a certain age group and, after a peak age, the probability of getting these diseases drops sharply. Occurrences of various types peak at about age 25, Huntington’s disease, at about 30, and Parkinson’s, at about 40. Alzheimer’s disease, however, seems to have no age restriction.

Apart from the devastating personal consequences of the disease, it poses a real financial problem. In 1978, care of Alzheimer patients in nursing homes cost a total of $12 billion. It is projected that the figure in 2050 will be $30 billion.

There is no cure for Alzheimer’s disease, and it seems unlikely that there will soon be one because the disease is so little understood. Current research involves early detection and identification of the causes of the disease.

Investigation of the effects on the brain tissue generally must be done post mortem. The effects include massive loss of neurons in regions associated with memory, cognition, and thought processes, accumulation of twisted fibers in nerve axons, which normally contain the neurotransmitter acetylcholine in certain regions, and hemorrhaged tissue.

Dr. Laszariides listed six proposed models for the cause of Alzheimer’s disease: the genetic, aluminum, abnormal protein, infectious agent, toxin, blood flow, and acetylcholine models. There is evidence for more than one of these models, and it is thought that Alzheimer’s is not a single disease.

Social Commentary

My Beerball with Harvey
by David Holt

The editor (the guy with the steely gleam) has joined the growing band of people who will print in person. (If you’re curious, the local knowledge is that that’s not necessarily saying much about my writing. In fact, he seemed to like it well enough to ask for more.)

Now, editors in general seem to be creatures of pure reflex. Confront them with the prospect of blank space on a page, and they grow pale with fright and apprehension. Offer them a means of filling that space, and they fairly squeal with joy.

I, for my part, am also largely driven by reflex (if by anything at all). As master of the exquisitely chaste goon of my Name In Print, I will get my attention almost as quickly as offers of beer, money or sex (all of which, gentle readers, are quite welcome). Order now and receive the Child of Rush.

In short, it’s a match made in heaven.
He said: “Do it.” I said: “Oh, alright,” and at that moment I knew I was done. But to hop on the bus to some godawful place in the undergrowth, or at least revelry. There were several diseases that have attracted much attention only in recent years. One of these was the topic of this week’s Watson Lecture, given by Dr. Elias Laszariides: “Alzheimer’s Disease: An Aging Disease Comes of Age.” Laszariides described the nature of the disease and the ongoing research into finding a way to deal with it. He noted that ten university research centers had been set up to study this particular problem.

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The Editors’ Desk

The student newspaper of a university can be one of its most important institutions. A good newspaper can keep the students informed of those decisions and policies that have bearing on their lives. At Caltech, where student attention tends to be focused in a very narrow range anyway, the paper is even more essential. In addition to reporting news of the area, the paper can supply reviews of books, movies, and plays. As a forum for expression of opinions, the paper gives students the ability to address the community at large with their most persuasive arguments; readers in turn through exposure to new vistas of thought can refine their own attitudes.

Despite the tremendous role that it could play, the Tech is often neglected. Many students who could contribute, balk at the prospect of becoming involved because they fear for their academic welfare. This fear is born out to some degree by a history of editors who find it impossible to single-handedly produce a quality paper while maintaining a full academic load. To improve this situation, several innovations have been suggested. One of these, that of requiring editors to have had experience with the typesetter or with PA 15 would be a mistake. Although it is true that experience is very useful, it is not essential. A restriction such as that proposed would choke off an already small pool of interested students.

The situation dictates that more students be involved, not fewer. One way to do this is through increasing the number of units associated with writing or editing. Better than simply giving more units, would be to make the units more useful by giving them “Humanities” status. This would attract more students, and improve the quality of the paper as the load per person would be decreased to a more manageable level. In the past, the Humanities department has scoffed at this suggestion on the grounds that the course is really more of an activity than a class.

The responsibility for that, though, must rest squarely with them. A good journalism course would benefit the entire campus as well as those working directly for the paper.

-- Paul Gillespie
Peter Ashcroft

CONCURRENT COMPUTATION

AMETEK's Computer Research Division is a rapidly growing branch of an established Fortune 500 company involved in the research and development of Concurrent Computers.

We currently have openings for:

Software Engineers (BS/MS/PhD)
Hardware Engineers (BS/MS/PhD)
Applications Scientists (MS/PhD)

... to assist in the development of next-generation concurrent processors.

If you are a self-motivated and capable individual with a desire to participate in the rapid expansion of the parallel computing field, you are invited to interview with us on:

Friday, November 22.

Sign up at the Caltech Career Development Center.

Life’s little Necessities

Blood Wedding: One of Federico Garcia Lorca's trilogy of rural tragedies, this highly acclaimed play stars Carmen Zapata. Beckman Auditorium Friday, November 15 (dialphone), 8:00 pm; $1.50-$12.50. Saturday, November 16 (Spanish) 3:30 p.m. $15-$31.50.

Greg Susca
Painting and Wallcovering Interior and Exterior (818) 249-5646 License #56757
Special discounts to Caltech community.

The Caltech Y Fly-by

Friday...November 15

Noon Concert—The New Mariners—and while you listen to them, read the “Dhila Declaration,” a call for the end of the nuclear threat which was drafted and signed by several world leaders.

Saturday ...November 16

Have fun at Interhouse!

Sunday ...November 17

UCLA—The College of Fine Arts is having their 25th anniversary open house. See demos, rehearsals, tours, special performances, and UCLA's. Noon to 3 PM. The Y-car leaves Winnet at 1 PM. More info in Y.

Wednesday ...November 20

Noon Update—Professor Ned Munger will speak about “South Africa—Approaching a Just Society.” In Clubroom #1, bring a friend and some lunch.

Friday ...November 22

The beginning of another amazing Y trip! Three days at $15 ($11.50 for members) Approximate cost $50. Sign up before Monday. Food, transportation, and lodging will be provided.

Also,

If you're a student looking for a good Thanksgiving dinner, sign up in Y. Or you're somebody (faculty, staff, or anyone else) looking for a student to invite for dinner, call the Y. We'll make sure that the course is really more of an activity than a class.

If you're someone looking for a good Thanksgiving dinner, sign up in Y. Or you're somebody (faculty, staff, or anyone else) looking for a student to invite for dinner, call the Y. We'll try to match people so that interested TECHers aren't stuck here on Thanksgiving.

Any comments, questions, or burning desires?

Stop by the Y or call us at 356-6163.

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IHC

Highlights

by John Beck
The plans for Rehabilitation of the South Houses are being finalized. It is hoped that the plans can be completed by the end of the term. The goal of fixing up two houses next summer is expected to be realized. The administration needs input from the student, however. They want to know what we want to happen to the basements, among other things. If you have any ideas, tell your house president so he can pass it on.

Much of the junk lying around in the south basement area (i.e.; not the steam tunnel entrance, etc.; not the trunk room) is going to be cleaned out over Christmas break. So if you have any junk lying around that you do not wish to be thrown away, clean it up!

Concern has been voiced over the possibility of removing the orange trees from the orange walk. Many of the students are upset about the situation, and hope that this will not take place.

Steve Gomez has suggested that women be allowed to compete in Interhouse Track on a more equal basis with men. There are currently four non-scoring women's races. There seems to be a fair amount of support for the idea. It is still under consideration; house presidents need to know what their people think.

The Inside World

Beakcr: In the beginning there was apathy. But soon, that, too, disappeared. Then there was movie night. Too much fun they said. Oh, sure. What about an IHC hula contest? Ohhh nooo... no way. The key lies in this Interhouse thing. Vikings, barge, lalalala, Green Brad. Come see the play at 10 and midnight. Build frosh, interhouse.

Blacker: In the next twenty-four hours? Sure they can. (Can't they?) It is still under construction. It seems that this will not take place.

Page: Finally, we have a comprehensible Inside World. Sunday's all-day adventure of Survival in Riverside has been attended by only those few who attended. Only a few people managed to tune in at the Ritual's Rocky Horror. Right now the Interhouse jester is fifty. Can corners be negotiated in the next twenty-four hours? Sure they can. (Can't they?)

Welcome to everyone who's come for Interhouse! We decide the batting order and left field, respectively, somehow thinking that left field requires the least skill. If I'd thought, I would have remembered that Reggie Jackson plays right field.

In the bottom of the second or so, with maybe two out and Mudd at bat, there was a tag at the plate. The guy was out by a mile, but Mudd got the地区的 quarter. The Man From Mudd finished drinking first, but left a couple of ounces in the cup, and a few more on his shirt. Being good sports, they ad­mit it out.

At the top of the next inning, we decide to get the sports. The batter, Rich Doherty, takes strike one and runs for first. With shouts of "What is this?" and "You can't steal first!", they tag him out. Immediately, we converge around first yelling "Safe! Safe!" and insist on a drink-off. They're not buying it. They don't buy in strike two, either, so he hits a grounder to short. The first baseman, a good sport among many, holds off tag­ging the base until the instant Rich's foot hits it.

In the resultant drink-off, Rich swiftly dumps the beer onto his left shoulder. The pitcher, Hot Doherty, takes strike one and runs for first. With shouts of "What is this?" and "You can't steal first!", they tag him out. Immediately, we converge around first yelling "Safe! Safe!" and insist on a drink-off. They're not buying it. They don't buy in strike two, either, so he hits a grounder to short. The first baseman, a good sport among many, holds off tag­ging the base until the instant Rich's foot hits it.

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Death is a Lonely Business
Ray Bradbury
Knopf, $15.95 (hardcover)

"I was raising hard fast as the big red trolley bucketed across a midnight stretch of meadow-grass and rain bushes, hugging the windows, drenching away the sight of open fields. We sailed through Culver City without seeing the film studio and ran on, the great car roaring, the train whistle screaming. "And a blast of terrible air from behind me as the unseen man cried, 'Death!'"

"The train whistle cut across his voice so he had to start over. "Death - "another whistle. "Death, said the voice behind me, 'Is a lonely business.'"

Not your everyday novel. Ray Bradbury is not your everyday author.

But Death is a Lonely Business is not your everyday novel. Ray Bradbury has made a departure, in ways a return. Gone are the monsters and Martians - but not the monsters. Gone are the devils and dandolions - but not the detectives. Bradbury has taken a cue from Dashiell Hammett and Raymond Chandler and produced a book that is at once a tribute to those greats, a return to the genre of Bradbury's first stories, and a new adventure for Bradbury as well.

The protagonist is Bradbury himself. The year is 1949. The place is Venice, California.

They're getting rid of the pier. Their getting rid of the roller-coaster. And they're getting rid of our hero's life, or might as well be.

Because someone is getting rid of all his friends.

Our point of view has been entrusted to a writer, twenty-one, who sells a story a month to pulp magazines, who knows all the Venice regulars, who all know him as "The Guy," who pines for his girl Peg in Mexico City, and who is about as naive as they come. Who gets off the trolley one rainy night and discovers a body.

Now, he knows whose it is. And he knows it was murder. What he doesn't know is how to convince police detective Elmo Cramley that he's right.

But someone, he knows, is getting rid of all the loneliness. And he's beginning to feel a little lonely himself.

But mainly scared.

Now, Death is a Lonely Business is a mystery. So, much for the plot. But calling it a mystery is like calling Romeo and Juliet the story of a family feud. Venice in 1949 was full, it seems, of the most interesting people. There's our hero and Cramley, for starters. There's Fannie Flora, once a great diva - now, 380 pounds of love and charm. And she still sings. There's Mr. Shrank, psychologist, tarot-reader, hypnotist, handwriting analyst, and candy-wraper collector, to finish. And that's just half.

Case of thousands. Cast of crazies.

There's Cal the barber, who once knew Scott Joplin, who gives the worst haircuts you've ever seen. But they're cheap. And there's A. L. Shrank, psychologist, tarot-reader, hypnotist, handwriting analyst, and candy-wraper collector, to finish. And that's just half.

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Case of thousands. Cast of crazies.

There was a house in the garden it was not visible. It was so surrounded by bushes, trees, tropical shrubs, palm fronds, burhutches, and paparuras that you had to cut your way in with a reaper. There was no sidewalk, on- ly a beaten path. A bungalow was in there, all right, sinking into a chin-high field of uncatt grass, but so far away from the street it looked like an elephant foundering in a tar pit, soon to be gone forever.

There was no mailbox out front. The mailman must have just tossed the mail in and beat it before anything sprung out of the jungle to get him . . .

Then there's the writing. The house of Elmo Cramley: "... The Venice police jurisdic tion ends as does the fog at about Lincoln Avenue. 'There, at the very rim of official and bad weather territory, was a garden I had seen only once or twice."

"If there was a house in the garden it was not visible. It was so surrounded by bushes, trees, tropical shrubs, palm fronds, burhutches, and paparuras that you had to cut your way in with a reaper. There was no sidewalk, only a beaten path. A bungalow was in there, all right, sinking into a chin-high field of uncatt grass, but so far away from the street it looked like an elephant foundering in a tar pit, soon to be gone forever. There was no mailbox out front. The mailman must have just tossed the mail in and beat it before anything sprung out of the jungle to get him . . .

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Then there's everything else about the book. And I mean everything, from the cover outside to the typface inside. But mostly the story. And the characters. And the writing. And . . .

Death is a Lonely Business is chock full of every reason there has ever been to read a Ray Bradbury novel. And it adds several reasons of its own. And it would be impossible to do justice to them without quoting the book even more extensively.

So I'm just going to cop out and say that, if you're still not sure you want to read this book, you should go look at a copy in the Caltech bookstore.

Just make sure you bring along enough money.
Chinese Tomb

by John Fourkas

Long, long ago, in a place far, far away, there lived an emperor named Qin Shi Huang Ti. Qin Shi was a pretty amazing kind of guy; not only did he unify all of China, but he also built a Great Wall to protect his people. Qin Shi was quite a guy. He totally altered the Chinese political and social structure. He standardized Chinese weights and measures, not to mention the language. He built roads, standardized parts (long before Henry Ford), built canals, and introduced new irrigation systems.

Qin Shi had one great weakness—a fear of death. Because of this, he had a huge tomb built for himself. It had two great walls, four and six kilometers in circumference, and it was 47 meters tall. This tomb has been under excavation for years, because many sub-tombs are filled with Imperial treasure. In 1974, some 1.5 kilometers from the tomb, farmers digging wells discovered an army of life-size terra-cotta soldiers buried in the ground. It turns out that Qin Shi had thousands of soldiers and horses made to stand guard over his tomb.

Until December 1, there will be an exhibit of some of the artifacts at Ambassador College. The exhibit is free, and can be found inside the Hall of Administration. I highly recommend this exhibit; it is well worth a half hour of your time. It includes a twelve-minute video presentation and many large color photos of the site. Best of all, there is a full horse stable that visitors can view.

Dining

by Jemima

Siam Gourmet
2486 E. Colorado Blvd.
578-9098

Food service here at Caltech is fine most of the time, but for the weekends and those weeknights when you suddenly feel you simply have to have a change of scenery, an experienced word of advice on where to go for the best food, best atmosphere and best prices can be very helpful. With that in mind the position of the roving restaurant reporter was created, and I am pleased to announce that the first report is in.

This week Siam Gourmet was the establishment chosen for review. Located conveniently close to campus on East Colorado Blvd., Siam Gourmet is a comfortable little restaurant serving Thai cuisine at very reasonable prices.

The menu sports a wide range of interesting appetizers, soups and main dishes, falling, for the most part between three and four dollars. The appetizer of the day (a deliciously crispy, golden-fried envelope) was Pork Satay—barbecued pork with peanut sauce and cucumber salad. The combination of pork and peanut sauce sounded a bit questionable at first, but it turned out to be very tasty, and the cucumber salad added that little extra nuance to round out the flavor.

The last two items we partook of, baby corn sauteed in oyster sauce and cashew nut chicken, served with steamed rice, were the delectable conclusion of our meal. For this last course we got into the spirit of things and asked for chopsticks, which they only seem to hand out upon request. Also, they don't serve any alcoholic beverages; however, during the course of dinner we saw several couples brownbagging wine and the management evidently doesn't mind. Siam Gourmet also serves regular breakfast and lunch dishes, along with the current lunch special. The current special consists of a choice of either BBQ chicken, chicken curry, sweet and sour pork or broccoli beef, along with steamed rice and soup, for only $2.95. In addition, when you go be sure to check out the big aquarium with fish and turtles whose feeding time is incidentally rumored to be between 9:30 and 10:00 pm.

In conclusion, I found Siam Gourmet to be a comfortable restaurant with good service, excellent food and reasonable prices.

In the words of the roving restaurant reporter, "Try it!"
The Right Turn.

It's not always possible to know which path leads to a better future. That's why TRW's Electronics and Defense Sector offers you the freedom to move among a wide variety of opportunities in microelectronics, high energy lasers, large software systems, communications, and scientific spacecraft. At TRW, your first choice can multiply into many choices. Who knows where your career can take you? We can only promise you'll be challenged to explore tomorrow's technology.

BLOOM COUNTY

Sponsored by the Caltech Y

JPL

Electronics & Defense Sector

Alzheimer's

machines have a high incidence of Alzheimer's, which may be due to aluminum absorbed in that process. It is not clear, however, that consumption of products containing these substances, such as soda, processed cheese, and antiperspirants, poses a danger.

In the blood flow model, narrowed blood vessels decrease glucose consumption in portions of the brain and cause loss of neurons. Finally, it is thought by some that the root of the problem is inhibited production of acetylcholine. This could conceivably be treated, but it would be difficult, given the process by which the compound is produced.

In a society in which the elderly make up a growing proportion of the population, Alzheimer's disease is a very significant problem. A great deal of work is going into the search for a better understanding of it, but so far there is no known cure or way of bypassing the disease.

Declaration

from page 3

response in support of the principles of the Delhi Declaration.

This Friday, Nov. 15, from noon to 1 p.m., in the quad, Caltech students are invited to read the Principles of the Delhi Declaration and lend support by signing the statement of personal response with name, state, and country. For more information contact the Caltech Y, x6163

JPL

from page 1

tion, for 1988 a similar craft will be sent out to analyze ultraviolet rays. Hibbs believes that this craft could bring in very valuable information about their solar systems and planets, possibly even down to the sensing of certain elements and atmospheric traits of the planets.

JPL has a very exciting program right now with many current projects, and many more in the planning stages. Hearing Hibbs' talk on these projects was both very interesting and very informative. The future of JPL's space program seems to be very bright, and should continue producing a vast enough quantity of data and information to, as Hibbs put it, "keep graduate students going for a long time."

Alzheimer's

from page 1

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### WEEKLY SPORTS CALENDAR

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Time</th>
<th>Sport</th>
<th>Opponent</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fri.</td>
<td>11-15</td>
<td>7:30 pm</td>
<td>Basketball</td>
<td>LIFE College</td>
<td>LIFE College</td>
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<tr>
<td>Sat.</td>
<td>11-16</td>
<td>TBA</td>
<td>Cross Country (MW)</td>
<td>Caltech</td>
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</tr>
<tr>
<td>Sat.</td>
<td>11-16</td>
<td>8:30 am</td>
<td>Water Polo</td>
<td>Caltech</td>
<td></td>
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<tr>
<td>Sat.</td>
<td>11-16</td>
<td>11:00 am</td>
<td>Club Soccer</td>
<td>Caltech</td>
<td></td>
</tr>
<tr>
<td>Sat.</td>
<td>11-16</td>
<td>1:00 pm</td>
<td>fencing</td>
<td>Cal Poly</td>
<td></td>
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<tr>
<td>Sat.</td>
<td>11-16</td>
<td>2:00 pm</td>
<td>Football</td>
<td>Cal Poly</td>
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<td>Sat.</td>
<td>11-16</td>
<td>5:00 pm</td>
<td>Basketball</td>
<td>Marymount College</td>
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<td>Sun.</td>
<td>11-17</td>
<td>12 noon</td>
<td>Water Polo</td>
<td>Caltech</td>
<td></td>
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<tr>
<td>Tue.</td>
<td>11-19</td>
<td>9:30 pm</td>
<td>Ice Hockey</td>
<td>Caltech</td>
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<tr>
<td>Fri.</td>
<td>11-22</td>
<td>6:00 pm</td>
<td>Basketball</td>
<td>Christ College Invitational</td>
<td>Christ College</td>
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<tr>
<td>Sat.</td>
<td>11-23</td>
<td>11:00 am</td>
<td>Club Soccer</td>
<td>Caltech</td>
<td></td>
</tr>
<tr>
<td>Sat.</td>
<td>11-23</td>
<td>1:00 pm</td>
<td>Fencing</td>
<td>UCSC &amp; Cal State Long Beach</td>
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<tr>
<td>Sat.</td>
<td>11-23</td>
<td>1:30 pm</td>
<td>Football</td>
<td>Caltech</td>
<td></td>
</tr>
<tr>
<td>Sat.</td>
<td>11-23</td>
<td>6:00 pm</td>
<td>Basketball</td>
<td>Christ College Invitational</td>
<td>Christ College</td>
</tr>
</tbody>
</table>

### CROSS COUNTRY

**by Dolph Inn**

Five cross country runners will be competing in the NCAA Division III Regionals at Cal State Stanislaus this Saturday at 10:00 am. These five quality runners are: John Gehring, John Beck, Charlie Lee, Clea Bures, and Pam DeMoor. News of their NCAA exploits will appear in next week’s Tech. There will be a meeting for all those interested in participating in intercollegiate track and field. The meeting is Tuesday, November 19 at 4:00 at the Athletic Building. See Coach Jim O’Brien for more details.

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### MONK’S PIZZA

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**MENU**

- **12 INCH**
  - Cheese: 4.99
  - 1 item: 5.89
  - 2 items: 6.79
  - 3 items: 7.69
  - 4 items: 8.59
  - 5 items: 9.49
  - Monk’s Special: 8.99

- **16 INCH**
  - Cheese: 7.12
  - 1 item: 8.45
  - 2 items: 9.78
  - 3 items: 11.08
  - 4 items: 12.38
  - 5 items: 13.68
  - Monk’s Special: 12.38

**Slices served in store only $1.00**

- Pepperoni, Sausage, Mushrooms, Onions, Green Peppers, Ham, Pineapple, Beef, Olives, Jalapenos, Anchovies, Extra Cheese, Thick Crust. All Prices Made to Order with Only the Freshest Ingredients; 100% Pure Dairy, Mozzarella Cheese, and Our Own Private Sauce Recipe. All Prices Include Sales Tax. No Surprises.

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**HOURS**

Sun.-Thurs. 11:00-1:00 AM
Fri. Sat. 11:00-2:00 AM

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**MBA AT RICE UNIVERSITY**

DISCOVER RICE UNIVERSITY’S JESSE H. JONES GRADUATE SCHOOL OF ADMINISTRATION – VISIT WITH OUR REPRESENTATIVE WHO WILL BE ON-CAMPUS ON THURSDAY, NOVEMBER 21, 1985 1:00 PM-3:00 PM TO ARRANGE AN INTERVIEW, CONTACT: CAREER DEVELOPMENT CENTER 356-6382

I AM UNABLE TO VISIT WITH YOUR REPRESENTATIVE BUT WOULD YOU PLEASE SEND ME AN APPLICATION AND A BROCHURE ABOUT RICE UNIVERSITY’S JONES GRADUATE SCHOOL.

**NAME (PLEASE PRINT)**

**ADDRESS**

**CITY**

**STATE**

**ZIP**

**COLLEGE**

**DEGREE DATE**

RICE UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION INSTITUTION
Senior Photos
It may seem a bit early, but this is the first call for senior photos. They should be black and white, any size. Turn them in to the Publications Office, or mail to Big T, 107-51. Pictures must be in by Friday, November 7. If you need a photographer, simply send us a note (preferably well in advance).

Student Housing Jobs
The Housing Office hires students on a part-time basis to do various clerical jobs in the office. The hours are flexible and usually do not exceed 10 hours per week during the school year and can become as many as 20 hours during the summer and holidays. If you are interested, please see Elsa Goudsmid for details.

Manage an Apartment
The Housing Office will soon have an opening for an Apartment Manager at 1170 E. Del Mar. This position will involve approximately 20 hours of work per week, with more hours possible during the summer months. The job should be available sometime in December, and interested Caltech students should fill out an application in the Housing Office under Elsa Goudsmid with questions.

Sexuality and Judaism
Guest speaker Rabbi Gary Schoenberg will speak and lead a discussion on Personal Sexuality: Judaism Views Interpersonal Relationships on Tuesday, November 19 from 4:30-6:00 pm in the Y Cafe. We play duplicate. Everyone is welcome. Please show transcripts and extracurricular activities. For more information and applications, contact the NSPE Information Center, 1420 King Street, Alexandria, VA 22314.

Salaries for college students are being offered by the National Society of Professional Engineers (NSPE). Sophomores, juniors, and seniors may apply. Scholarships range from $1,000 to $20,000 for full tuition, four-year scholarships.

Concrete Awards
The American Concrete Institute will hold its first meeting of the year on awards for graduate study in the field of concrete for the 1986-87 academic year. Those who possess a bachelor’s degree by the summer of 1986 and be accepted for graduate study in an engineering program in the area of concrete, so contacts for the Concrete Awards. Application Deadline: January 15, 1986.

De Karman Fellowship
The Joseph de Karman Fellowship will be offered to students entering their sophomore year and graduate students entering their third year (after) in the fall of 1986. Special consideration will be given to applications in the humanities. However, all applicants will be considered who have manifested exceptional ability in a serious pursuit of the discipline. For details, please contact the Financial Aid Office.

Caltech Bridge Club
The Bridge Club meets Monday nights at 6:30 PM in room 168 Church. Our next meeting will be held on Sunday, November 10. We will have a potluck dinner $3.50. Questions? Contact Katherine 793-2243 or 449-4436

Extra $'s
What? You haven’t picked up a deal that’s too good to be true and there aren’t any extra left in your wallet? “No problem!” say your devoted local editors who have extra copies secreted in their closets, and will bestow one upon you, should you but ask. Sad editors are located in Room 11 Ricketts (Pam Hulke) and 109 Marks (Matt Rowe). If you’re too embarrassed to actually order those copies, Chris “Mugs” Brenner also has a secret stash. Don’t miss out.

Bridge Tournament
The tournament will be held Sunday, the 17th of November. Don’t miss it! Everybody is welcome! Bring teams of four or pairs of cards of an individual. BIG PRIZES! First Master Points (we are ACBL sanctioned). Play starts at 1:00 PM in Winnef (x6543), Jeffery (x4476) or Jeff (x6627) for more details. (Spon­ sored by the Caltech Bridge Club and the Office of Student Affairs.)

Caltech Musical
Auditions for this year’s musical, Once Upon a Mattress, will be held on Monday, November 23 and from 10 am to 6 pm in rooms 19 and 25 Bax­ ton Subotnick, Barry Shrader, and Jon Leech will be participating from the Caltech, JPL, and CalArts communities. Fairlight Music In­ dustries will be providing the Musical Computer Video Instrument, for the live performance. The perfor­ mances on Monday, November 19 will take place at 8 and 9:30 pm in the Y Cafe and in the Gallery. For information call the Caltech Ticks Office Ticket Office at (805) 255-1030.

Jews in the U.S.S.R.
Professor Anatole Katok will give a special talk on "Living Com­ petitions of Jews in the Soviet Union" on Sunday, November 24 at 4:30 pm in the Red Door Cafe. Dr. Katok, a mathematician professor here at Caltech, will speak on his personal experience growing up in the Soviet Union. He emigrated in 1978 to the United States and since then has kept aware of conditions through friends and other contacts. He will speak on the current situation in the Soviet Union. The talk is free and will be followed by a discussion and some food. Delicious deli sandwich. Charge for dinner $3.50. Questions? Contact Myra at x6613 or (213) 208-4427.

Extra Campaign
Contact the Campaign Office at (213) 660-4407/4361 for more details.

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CESASC Scholarship
CSESAC (Chinese-American Engineers and Scientists Association) of Southern California is offering 10 scholarships to encourage students to achieve in the field of science and technology (other non-science fields will also be considered). Qualifications: GPA 3.5 or higher, graduation date after May, 1986. Criteria for Selection: GPA, financial need. Extra­ curricular activities. Deadline for applications: November 30, 1985. For additional information please contact the Financial Aid Office.

Coins and Medals
During the past two decades the Caltech-JPL Numismatic Society has sponsored a series of nine medals commemorating outstan­ ding achievements in the space exploration program. The events depicted span discovery projects from Surveyor to Voyager. Inclu­ ded in the series are medals of purchase in silver ($.33.00) and bronze (.75). Orders may be taken at the November 30 club meeting, through Henry Tumer in the Treasurer’s office, or at JPL Engineering’s employment fair. Further details of the available coin will be the 1986 price guide to United States coins (known as the "Redbook"). It will be sold at $3.00, half of the normal price. All members of the Caltech-JPL community and their families are most cordially invited to attend meetings which are held the third Wednesday of each month, 7:30 pm in room 168 Church Laboratory on campus.

Food and Swordplay
Huzzah! The Caltech Medieval­ Renaissance Society held its first potluck last Sunday, November 16. During the meeting we elected new officers, discussed a myriad of plans for the new academic year, and most importantly, we had a great feast. Our next meeting will be a potluck, to be held November 24, Sunday, at 7:00 pm in Winnef Lounge. There will be a class in period dancing, a discus­ sion about the JPL Jet symbol and a pavilion, and, of course, another glorious feast.