

Winter 1987

Access Magazine, Fall/Winter 1987

San Jose State University, School of Journalism and Mass Communications

Follow this and additional works at: <https://scholarworks.sjsu.edu/accessmagazine>



Part of the [Journalism Studies Commons](#), and the [Mass Communication Commons](#)

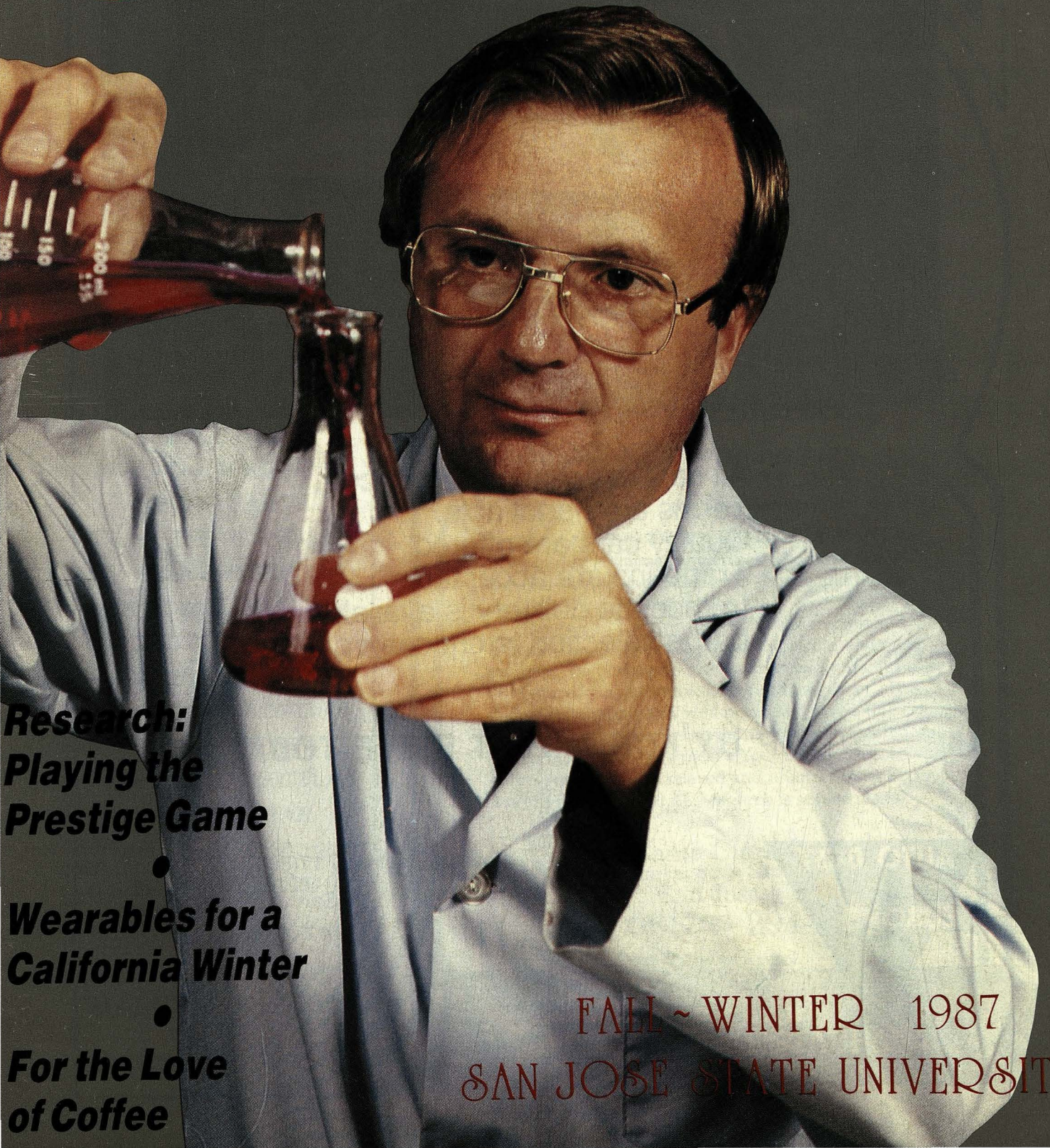
Recommended Citation

San Jose State University, School of Journalism and Mass Communications, "Access Magazine, Fall/Winter 1987" (1987). *Access Magazine*. 20.

<https://scholarworks.sjsu.edu/accessmagazine/20>

This Magazine is brought to you for free and open access by the College of Humanities and the Arts at SJSU ScholarWorks. It has been accepted for inclusion in Access Magazine by an authorized administrator of SJSU ScholarWorks. For more information, please contact scholarworks@sjsu.edu.

ACCESS



**Research:
Playing the
Prestige Game**



**Wearables for a
California Winter**



**For the Love
of Coffee**

FALL ~ WINTER 1987
SAN JOSE STATE UNIVERSITY

A WORLD of Fantasy

COMICS & STUFF

983 S. Bascom Ave.
San Jose
279-8070



Bring this ad for a
10% discount on any
purchase.
Offer expires 2/1/88

COFFEE • ESPRESSO
CAPPUCCINO

LOS GATOS COFFEE ROASTING COMPANY

Specializing in the
finest coffees of
the world

101 W. Main St.
Los Gatos, CA 95030
(408) 354-3263

Editor's Note

The road from here

Charles Dickens opens his novel *A Tale of Two Cities* with lines that go something like this: It was the best of times. It was the worst of times. It was a time much like the present.

Dickens could very well have used that line to describe the fall semester of 1987 at San Jose State University. That is, the point he was trying to make was that, from any individual perspective, we're always at a crossroads.

It's easy to say that this is a crossroads time for San Jose State, and indeed it is. The decisions the university's administrators make will have a profound effect on this institution's future. We'd like to introduce you to two such administrators, both completing their first full semester in their new positions: Academic Vice President Arlene Okerlund and Director of Intercollegiate Athletics Randy Hoffman.

We'd also like to introduce you to an important campus issue, the millions of dollars the university spends on research every year.

San Jose State, like the other 18 schools in the California State University system, is primarily a teaching school. Its mission is undergraduate and master's degree level education.

Is research, which brings prestige to

the university and its faculty and also keeps that faculty on the cutting edge of knowledge, compatible with that mission? Depending on whom you ask, the answers vary. Nearly everyone agrees that some research can only help San Jose State. But it's also clear the university must not lose sight of its primary mission.

We think these issues are important to you as our readers. But we also recognize there's more to the student life than books and lectures. In this issue, we've included articles on entertainment, fashion, food and fun.

When we started talking about what we wanted to do with this issue of *Access*, we decided to strive for features that would be immediately relevant to you which would be presented in a highly visual manner.

Our editorial staff and contributors represent some of the most talented student journalists and artists on campus. As their editor, I had no doubt they'd succeed in meeting those two goals and I'd like to thank them for all their hard work. I think they've done an excellent job.

Access is also your magazine. Feel free to let us know what you think and what you'd like to see in the future. And, by the way, thanks for joining us.

Frank Michael Russell, editor

Editor Frank Michael Russell

Associate Editor Tegan McLane - **Managing Editor** Dan Kier

Feature Editor Swaroop Balakrishna - **Campus Editor** Mark Lewman

Sports Editor Maura Varni - **City Editor** Renato Bermudez

Contributing Writers Brad Aragon, Deborah G. Guadan, Michael Lewis, Dona Ley Va, Kara Myers

Photography Editor Kathy Kinser

Contributing Photographers Jeff Alford, Julie Bennett, Michael Burke, Michael Chow, Erol Gurian, Kenneth K. Lam, Amelita Manes, Julia Tranchina, Mie Lynn Tsujimoto

Art Director Keith Tonra

Contributing Artists Doug Duril, Gene Mahoney, Tracy Penn

Editorial Adviser/Publisher Dr. Harvey Gotliffe

Advertising Director Michael P. Fox

Special Sections Manager Cheryl Chaffin

Advertising Art Director Eva Spring

Account Executives Ramola Breckenridge, Susan Conduragis, Ray Green, Kevin Johnson, Kathy Lochrie, Ellen Mogensen, George Puou, Kelly Seelig, Brenda Titus, Matt Toves, Janet Vancheri, Johnny Yu

Advertising Art Staff Andre Angeles, Pamela Armstrong, Tom Berg, Monique Drumm, Christina Fatseas, Casey Hilliard, Warren Johnson, Danita Page, Devin Squaglia, Lea Thompson

Advertising Advisers Jack Quinton and Clyde Lawrence

Department of Journalism and Mass Communications
San Jose State University -- One Washington Square
San Jose, California 95192

Published in cooperation with **Mu Alpha Gamma**

Special thanks to the **Reader's Digest Foundation** for travel research grants

Contents

ACCESS

SAN JOSE STATE UNIVERSITY

VOLUME TWO, NUMBER ONE
FALL/WINTER 1987

Copyright 1987 Department of Journalism and Mass Communications

ENTERTAINMENT

Nutcracker: A Holiday Tradition 6

GIFTS

Interesting Gifts for Interesting People 8

SPORTS

Randy Hoffman Faces the Future 10

CAMPUS

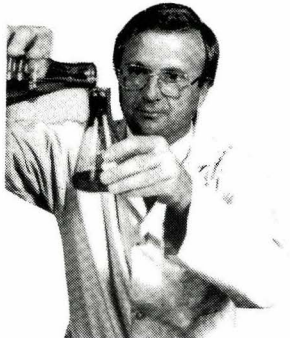
Your User's Guide to San Jose State 13

FASHION

California Cool 15

PEOPLE

Arlene Okerlund's Campus Vision 19



Robert Fowler is among the faculty involved in grant-funded research.

Cover photographer Michael Burke, a senior photojournalism major, is photo editor of the *Spartan Daily*.

COVER STORY

Research
at SJSU:
Playing
the Prestige
Game

20

CITY

Cheap Thrills 25

For the Love of Coffee 27

A holiday tradition

San Jose Dance Theatre's annual 'Nutcracker' ballet

By Tegan McLane

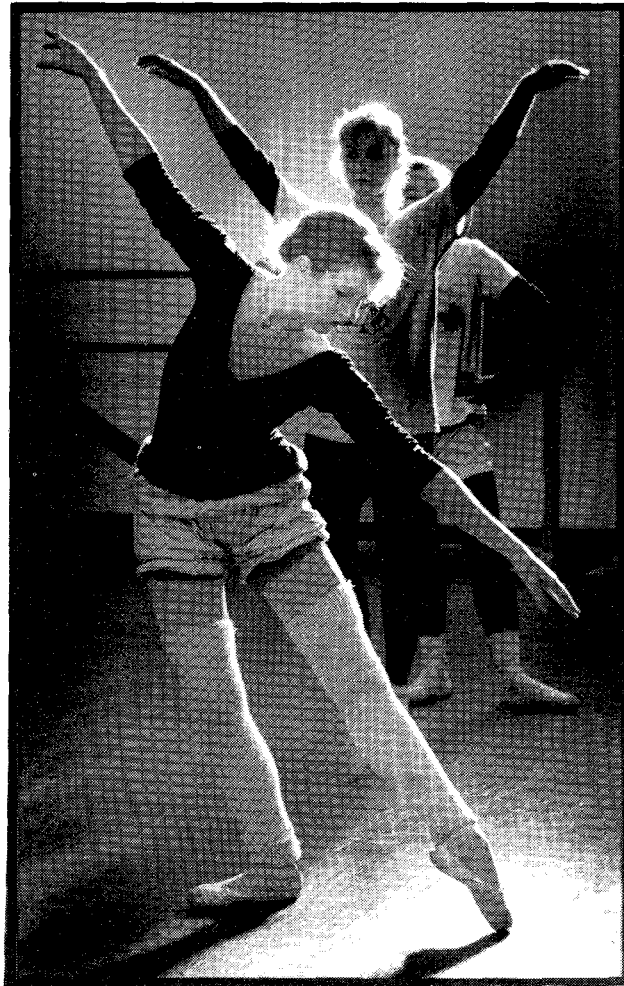
When Clement Clarke Moore penned *A Visit from Saint Nicholas* in the early 1800s, visions of sugarplums danced only in the heads of children nestled all snug in their beds on Christmas Eve.

Those dreams are brought to life in the "Nutcracker" ballet which is loosely based on E.T.A. Hoffmann's story *The Nutcracker and the Mouse King*. The story tells of the magical Christmas Eve when a girl named Clara receives a wooden nutcracker, shaped like a little man, as a present from her eccentric godfather, Drosselmeyer. Clara is enthralled with Drosselmeyer's gift, which comes to life and takes her on a trip through the magical land of the Sugarplum Fairy.

Each December, for 22 years, the San Jose Dance Theatre has recreated that magic in their annual "Nutcracker" ballet. This year, on December 18, 19 and 20, audiences of all ages will settle into seats at the San Jose Center for Performing Arts, where they will be treated to a real, live Sugarplum Fairy twirling gracefully to Tchaikovsky's tinkling score.

The Sugarplum Fairy's dance, the *Pas de Deux*, is a highlight in the San Jose Dance Theatre's "Nutcracker" performance. There is one of the few companies that still does the *Pas de Deux* in the original tradition, *terre a terre*, explains Paul Curtis Jr., the artistic director and co-founder of the San Jose Dance Theatre.

"There's lots of lifting (in the modern *Pas de Deux*). The old version is very unspectacular by today's standards. So many dancers try to goose it up, to give it a little flash, which you can do ... but (in the Bolshoi version) she barely hit the floor. They had her up in the air the whole time. She takes a step; one guy picks her up;



Kenneth K. Lam

Brownin Carson, 17, warms up before rehearsing "Snowflakes."

another guy picks her up; they're carrying her all over the place. But with that music? The music tells you it's a love duet. And it's hard to make love in the air."

This year, as always, the part of the Sugarplum Fairy and her cavalier will be danced by special guest artists.

Prima ballerina Kim Lighthouse and her partner, danseur Pierre Quinn, will be coming to San Jose from the National Ballet of Canada in Toronto. Lighthouse, a delicate strawberry blonde, had a smashing debut with her portrayal of the title role in the classic ballet, "Giselle."

"She's really exquisite. I think she will really look like a Sugarplum Fairy," says Curtis.

Though the Sugarplum Fairy and her cavalier are big name professionals

imported from companies like National Ballet of Canada and the Joffrey Ballet, the real stars are the children gleaned from dancing schools around the South Bay area.

"We really do use children, not adult dancers hunching over to look like children," Curtis explains. "Our Clara is a real little girl, not a professional."

Because this is a non-profit, educational venture, Curtis and his co-founder Shawn Stuart are committed to the idea of using community talent in San Jose Dance Theatre productions.

"If we don't keep (San Jose Dance Theatre) going," Curtis explains, "there's not going to be a venue for local

dancers." They'll wind up going to New York and getting discouraged if they can't find a job, he predicts.

In 32 years of teaching, Curtis hasn't forgotten that it is important for a dancer to have a chance to be recognized.

Kristine Eldridge, a San Jose State University junior majoring in dance and English, danced in "Nutcracker" for five years, playing everything from an angel to a mouse marauder.

By the time she reached her last year, playing a marzipan shepherdess, Eldridge says it wasn't work. "It was mostly just fun. I basically knew the part (from watching others do it in past years). The part suited me, or I adapted to it well."

"The audience is very big and it can be intimidating (up on stage)," she admits. "I think it's a good thing for the kids, though, even if they're not featured or a soloist. Once they get up there and out on that stage, it's quite an accomplishment."

While the children prove themselves on stage, just as many parents and volunteers are responsible for the accomplishments behind the scenes.

San Jose State alumnus Randy Bliss ('64) knows all about that. Bliss got involved driving his daughter, Rachel, to and from rehearsals when she was cast as a cookie in 1983.

For the Bliss family, like many others, the "Nutcracker" is now a family affair. This year Rachel, 13, is the Ballerina Doll; her father is co-production manager and serves on San Jose Dance Theatre's board of directors.

Another daughter, nine-year-old Natalie, sings with the San Jose Dance Symphony choir and mother, Elizabeth Bliss, handles the company's publicity.

Parent volunteers do everything from repainting the fading sets to guiding free backstage tours. A crew of about 30, together with about a dozen professional stagehands, run backstage operations for the shows.

For the professionals, "Nutcracker" is a tradition some have been a part of for years, but for the volunteers, being a part of the arts is a new and exciting experience.

Tall and athletic, Bliss had always been active in sports, but he had never been exposed to ballet.

"I became a patron of the arts when I met my wife," he says. "My idea of being a patron of the arts before then

was attending a pro football game or a pro basketball game."

"I think I'll probably continue to help (after Rachel moves on in her dancing career). I'll always be open to the idea of volunteering," he adds.

Each person who sees "Nutcracker" has his own favorite part in the magical story — the March of the Wooden Soldiers with the troop of eight-year-olds, the two dozen cookies that fit under Mother Ginger's giant hoop skirt, or the beautiful Sugarplum Fairy.

But for Randy Bliss, the real magic is when the curtain rises.

"I really like the party scene. It's so full of happiness, getting together with people you haven't seen in a long time ... the children playing and laughing. That's how (working on) 'Nutcracker' is. The setting is perfect. The only thing missing is the snow in the background. It would be really neat to have it snow in California, just for that day." Just like it was in St. Petersburg, Russia, for the first performance of "Nutcracker."

Tegan McLane, a senior journalism major, is associate editor of Access. Photographer Kenneth K. Lam, a senior photojournalism major, has been an intern at the Stockton Record.

Rachel Bliss, 13, reflects on her rehearsal of the "Ballerina Doll" dance.



Mie Lynn Tsujimoto

THE ALL NEW

PHOENIX BOOKS & ESPRESSO CAFE

- "Beau's Annex and the Phoenix Complex is the best of all possible worlds...a haven for culture and taste" *Metro*
- "...the feel is intimate...the Phoenix makes the downtown a place to be." *San Jose Mercury News*
- "One of the hottest spots in downtown San Jose, the Phoenix has risen from its ashes..." *San Jose Business Journal*

17 San Pedro Square, San Jose
(near Sizzler, D.B. Coopers, Last Laugh...)

Phone (408) 292-9277
Hours: Mon-Thurs 7-12am • Fri 7-1am
Sat 11-1am • Sun 11-11pm

kinko's

Quality Kodak Copies At Affordable Prices

- Term Papers and Reports
- Resumes • Theses
- Handouts and Flyers

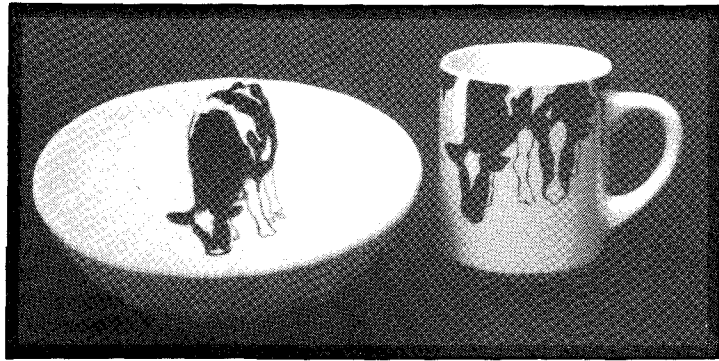
SELF-SERVE COPIERS AVAILABLE

- Velo and Spiral Binding
- Gold Stamping
- Passport Photos
- Self Serve Typewriters
- Cassette Duplicating
- Course Reading Packets

310 S. Third St. 481 E. San Carlos St
across from McDonald's (between 10th & 11th)
295-4336 295-5511
M-F 7AM-9PM **OPEN**
Sat 10AM-6PM **24 HOURS**

In the Bag

Interesting Gifts for Interesting People

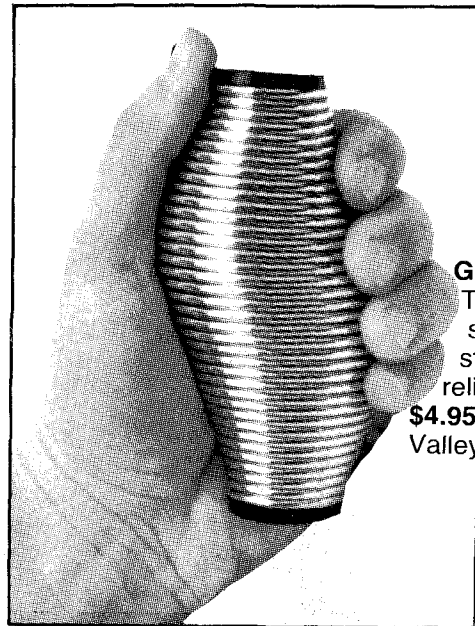


MOOOVE OVER dinosaurs ... the holsteins are here. Cow bowl, \$7.95. Cow mug, \$6.95. The Company, Oakridge Mall.

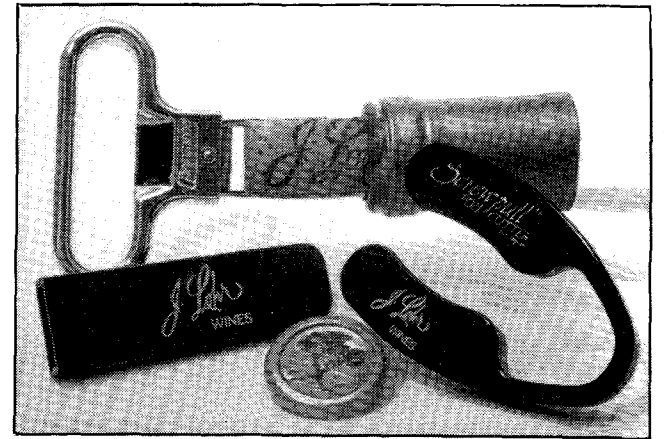
Photos and Text By Kathy Kinser
Illustration By Tracy Penn



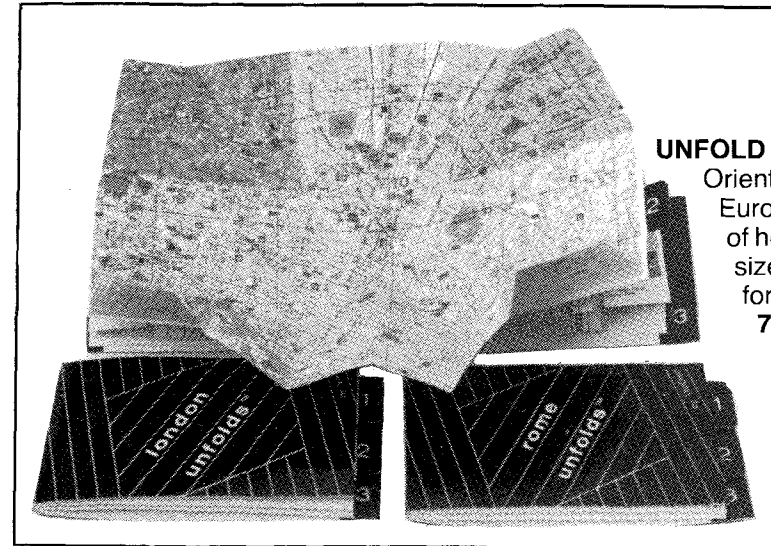
SHOULDER THAT BIKE around fallen trees or up staircases with Kirkland's Mountain Bike carrying pad. It doubles as storage, \$19.98. Shaw's Lightweight Cycles, 39 Washington St., Santa Clara.



GRIP IT. The dexterity spring builds strength and relieves stress, \$4.95. Brookstone, Valley Fair.



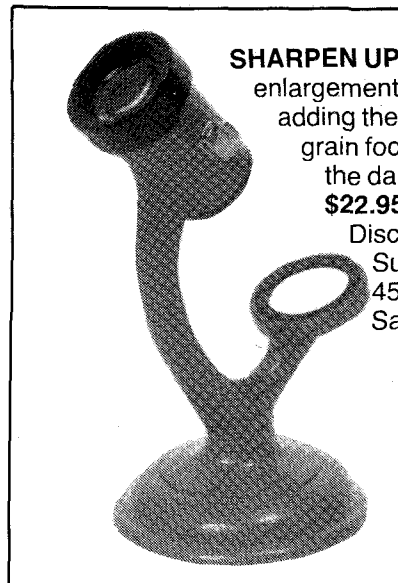
WINE OPENINGS. The newest, neatest access to uncorked wine treasures. Screwpull's foil cutter cuts the foil capsule, and the Ah-so cork puller removes the cork undamaged. Foil cutter, \$5.50. Cork puller, \$3.50. J. Lohr Winery, 1000 Lenzen Ave., San Jose.



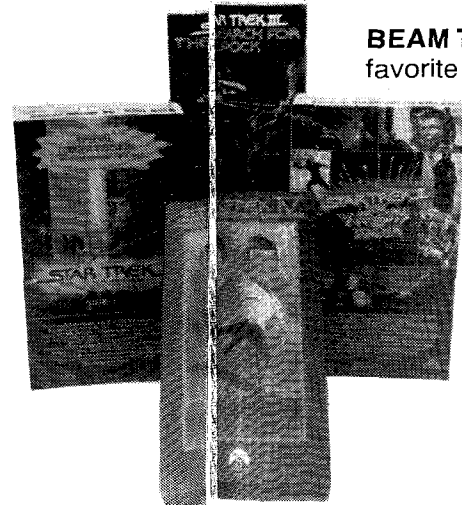
UNFOLD the mystery of the Orient, the romance of Europe, and the comforts of home with these pocket size maps and guides to foreign and domestic cities, \$7.50 each, 3 for \$22.00. Stern's Luggage, Valley Fair and Oakridge Mall.



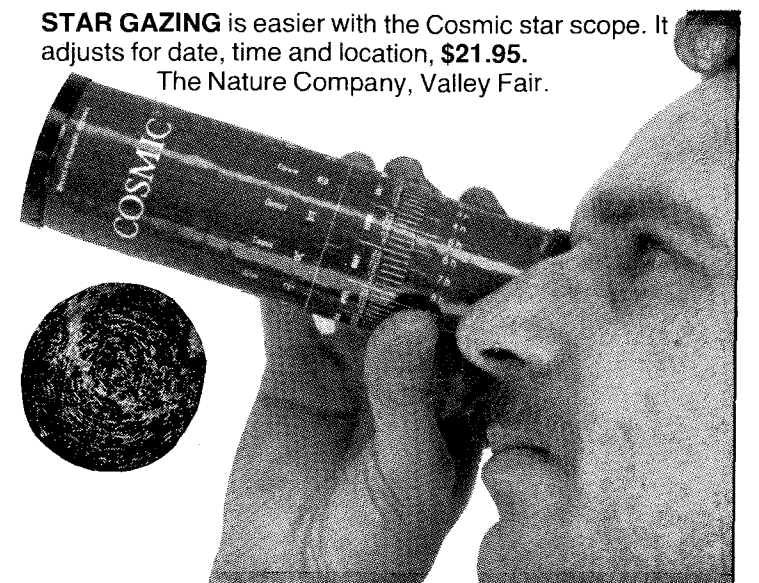
HOT STUFF stays hot with this mug warmer, \$9.95. Crate & Barrel, Valley Fair.



SHARPEN UP those enlargements by adding the Minisight grain focuser to the darkroom, \$22.95. Discount Photo Supply, 451 S. Fourth St., San Jose.



BEAM THESE IN to your favorite Trekkie's stocking. Movies I through III, \$19.95. Movie IV, \$29.95. Tower Video, 1920 S. Bascom Ave., Campbell.



STAR GAZING is easier with the Cosmic star scope. It adjusts for date, time and location, \$21.95. The Nature Company, Valley Fair.

Randy Hoffman faces the future

By Brad Aragon

Illustration By Doug Duril

The University of Maryland's associate athletics director Randy Hoffman had been searching for a better climate and a new home on the West Coast. He found what he was looking for in the position of athletics director at San Jose State University.

In the transition, though, Hoffman left more than just bad weather behind at the controversial University of Maryland.

In the years prior to 1987, the school had enjoyed a respectable reputation as one of the nation's top colleges. With a nationally ranked basketball team, Maryland was well known in the eyes of both collegiate athletes and other students.

Then, in June 1986, tragedy struck with the cocaine-related death of basketball standout Len Bias. Confusion, investigations, and cover-ups ran rampant through the school's administration like wildfire.

In the aftermath of these tragic events, Maryland's head basketball coach Lefty Driesell and Athletics Director Dick Dull resigned from their positions in a

state of mass confusion.

Unlike many of his colleagues in the Maryland athletic program, the 35-year-old Hoffman survived the whole series of events and came through with a spotless reputation. Hoffman was the only top athletic official to stay at the school after the Bias incident.

With the Bias death being the most publicized problem at Maryland, few knew of the academic problems that surfaced around the same time. In a *Sports Illustrated* story, five of 12 basketball players were reported to have flunked out of school during their spring semester, including Bias. As a result of such reports, the basketball team's academic adviser, Wendy Whittemore, resigned in disgust.

Approximately two years prior to the Maryland incidents, San Jose State contacted Hoffman regarding the position of athletic director. At the time, he had just completed his second bachelor's degree and was working on a master's.

"It just wasn't the best time to apply for the position at San Jose," Hoffman said.

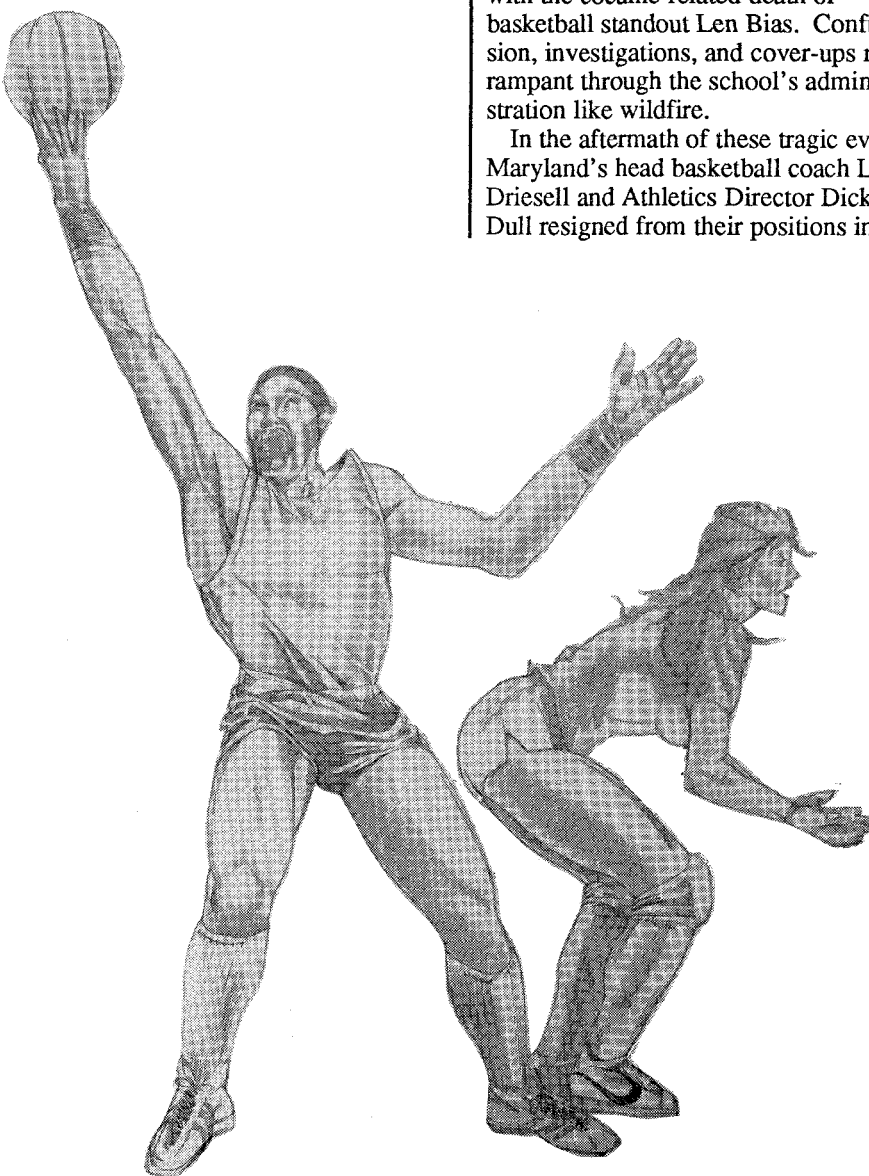
But when the position at San Jose State opened up again in spring 1986 with the resignation of then athletic director Lynn Eilefson in the wake of a \$300,000 deficit in the program,

Hoffman set his sights on the West Coast, along with nearly 40 other applicants.

"The second opportunity immediately spurred some interest on my part," he admitted.

The first group to see Hoffman was an 11-member screening committee whose purpose was to narrow down the field of applicants to a handful. After passing this phase of the process, Hoffman faced an interview with San Jose State's Athletics Board. The board, after interviewing the candidates, sent its recommendations to university President Gail Fullerton, who made the final decision to hire Hoffman in April.

The interview can make or break a job opportunity. This experience was no different for Hoffman when seeking the athletics director post. Because of his association with Maryland, the Athletics Board felt a need to know everything about him.



According to member Benton White, the Athletics Board wanted to make certain that Hoffman was "not part of the problem at Maryland, but rather, part of the solution." With intense questioning, the board screened Hoffman's past with a fine-tooth comb, finding nothing that made its members doubt his capabilities.

"If there has ever been an investigation where somebody has been found innocent, then Randy Hoffman is one of those people," said White.

Hoffman brought a sense of confidence and professionalism with him to his interview. His confidence came from knowing he could provide San Jose State with the experience the university needed to integrate its men's and women's athletic programs.

"He did his homework well before he came here," White said. "He knew San Jose State better than any of the other candidates. That's a simple fact!"

Hoffman said he simply wanted to "relate his organizational talents to the committee" and state his philosophy on athletics.

With only six months of experience at San Jose State under his belt when interviewed by Access magazine in October, Hoffman was diving head first into his pile of "things to do."

First on his agenda was reorganizing the men's and women's athletic departments into a single division, a structure Hoffman was familiar with from his days at Maryland. A combined men's and women's program is a very common practice among college campuses. Fullerton had decided in November 1986 that San Jose State would follow suit once a new athletics director was appointed, believing the merger would create a more efficient program and help avoid future deficits. According to San Jose State's sports information director Lawrence Fan, "Hoffman has done a very fine job with reorganizing the two programs."

Another of Hoffman's major goals is to establish the important ideals of the student athlete.

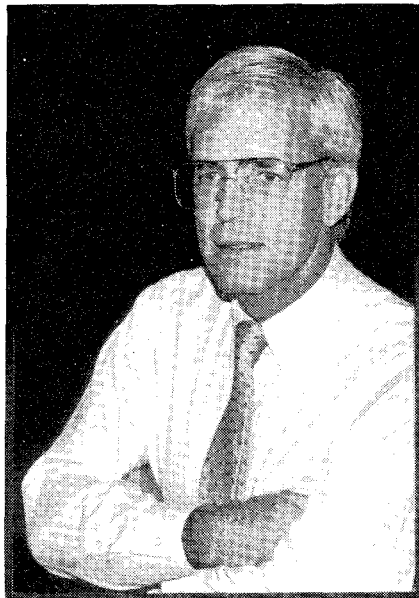
"Student athletes should be students first and athletes second," said Hoffman. "They should have the capacity to graduate from the university and be positive contributors to society. If they don't have these qualities, they shouldn't be in school."

Both San Jose State's faculty and its

athletes seem to agree with this thinking.

"Hoffman has a strong sense of athletics within the context of an academic community," White said.

From an athlete's standpoint, Hoffman seems to bring together sports



Julie Bennett

'Athletes should be students first and athletes second.'

--Randy Hoffman

and academics.

"Hoffman came across as being on our side," said Phillip Frasch, a defensive cornerback for the Spartan football team. "He's there to help us with athletics and school."

One issue every athletics director must face is the National Collegiate Athletic Association's policies on drug testing.

"You have to be naive to think that only students, and not athletes, use drugs," said Hoffman.

He does note that athletes are faced with a "double-whammy" because some athletes use performance enhancing drugs (steroids) rather than recreational drugs. Hoffman prefers that sports be drug-free, and athletes the same, but he is concerned with the possibility of invasion of privacy. He predicts the courts will finally need to decide the

A
NEWSWORTHY
GIFT



\$750/Semester
Subscriptions
(408) 924-3270



Licensed school of modeling by certified instructors. Training in make-up, hairstyling, posture, photo sessions--everything necessary to be a successful model. Applications now being accepted.

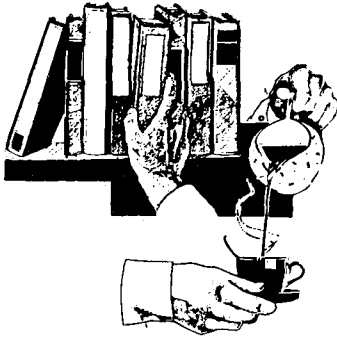
Upon successful completion of our program, you will be featured as a fantasy model in our magazine.

Modeling Inst.	Call today for
Modeling Agency	your appointment
Entertainment Mag.	(415) 968-3575
Cosmetics Line	215 Moffett Blvd.
Photographer	Mt. View, CA. 94041

FANTASY
ENTERTAINMENT

"Where is human nature
so weak, as in the bookstore?"

Henry Ward Beecher



Your weaknesses indulged at
Printers Inc. Bookstore
& Coffeehouse

301 Castro Street
Mountain View, CA 94041
(415) 961-8500

310 California Avenue
Palo Alto, CA 94306
(415) 327-6500

Open every day 10 am-11 pm

Sports

outcome. The NCAA now only conducts drug tests for post-season or championship games. But, Hoffman says, there is legislation being proposed that may give the NCAA the right to administer drug tests throughout the regular season.

Hoffman's first few months at San Jose State have included both long- and short-term goal setting. One of his most exciting projects is a fund-raising program set to take in nearly \$1.4 million within the next five years. The goal set for 1988 is to reach \$700,000, then possibly \$850,000 by 1989.

Hoffman believes that he has not quite settled into San Jose State yet. "I think the judgment on me is still not in court yet," Hoffman said.

But White, who has known and worked with every athletics director at San Jose State since 1961, feels Hoffman is doing a fine job so far.

"The first few months have made all of us deeply impressed, and our judgment has been vindicated by his

performance," White said. "We've had some marvelous people in the past, but no one has been groomed for this position as well as Hoffman. Our athletics program is in good hands."

Hoffman, whenever he gets a chance to relax, is an avid photographer, golfer and tennis player. He claims that it would be a rare occasion, though, when he gets a chance to take off his tie and put on a pair of shorts. But when he does get the chance, he wants to enjoy this California weather just like all of us. "Maryland people would consider a good day to be 35 to 40 degrees, but California people want it to be 75 degrees and sunny," he said.

California's fair weather should suit Randy Hoffman just fine.

Brad Aragon is a senior public relations major.

Artist Doug Duril is a senior advertising major.

Photographer Julie Bennett, a senior photojournalism major, has been an intern for the *Toronto Star*.

What's
law
school
really
like?

Let us answer all your questions about

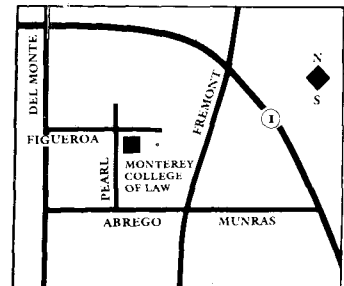
- Admission Requirements
- Program of Study
- Job Opportunities
- Costs and Finances
- LSAT (Law School Admissions Test)
- The Demands of Law Study

at our Open House and Forum with students and faculty of the Monterey College of Law.

OPEN FORUMS:

January 13	Wed.	6:30 P.M.
February 3	Wed.	6:30 P.M.
March 9	Wed.	6:30 P.M.
March 19	Sat.	10:00 A.M.
April 13	Wed.	6:30 P.M.
May 11	Wed.	6:30 P.M.

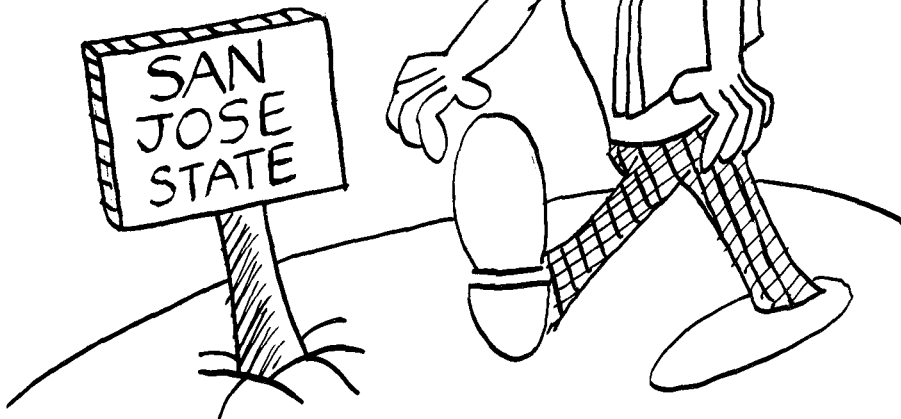
Due to limited seating, reservations are required so phone 373-3301 now to hold your place.



MONTEREY COLLEGE OF LAW
498 Pearl Street, Monterey

Your user's guide to SJSU

By Deborah G. Guadan
Illustrations By
Gene Mahoney



After 11 semesters, 126 units and a lot of long lines, I feel more comfortable at San Jose State University than I ever thought I could. Maybe you won't be here for five or six years, but this information can help you feel more at ease. Whether you're a veteran of college campuses or have simply traveled a lot, don't be fooled by the size of this campus. San Jose State may not look that large, but getting lost is still a guarantee, not an option.

From the offset be warned that, for the first three weeks of each semester, the hardest part of a day, if you commute, is parking in a campus garage.

First, figure out which garages demand your money before they let you in and which demand your money before you leave. Only the Seventh Street Garage requires the 75 cent payment before entering; Tenth Street

and Fourth Street garages let you pay when you leave, so have three quarters waiting.

Don't let pride become a stumbling block. If you're new on campus, go ahead and carry your campus map, or ask a passer-by for directions.

Perhaps you're not comfortable with asking someone just walking by. In that case, great sources of general news and telephone numbers are the two Information Desks located on campus. One is located on the main level of the Student Union, next to the cafeteria. The other is on the main floor of the Administration Building, across from the Cashier's Office and the Financial Aid Business Office, both places every student becomes familiar with, sooner or later.

Both of these desks should be able to provide you with enough data to at least get you started in the right direction. In

addition, Spartans can use telephones at the desks for free calls on campus.

Aside from the buildings where your classes take place, there are six buildings on campus you should know about. They house the majority of needs for the average student.

The Student Union offers everything from books and bagels to bowling and Beethoven. The bottom level houses the textbook department of the Spartan Bookstore, the Student Union Games Area which includes bowling, pool tables and video games, and a lounge area with a television set to pass the time.

Main floor attractions include the Spartan Bookstore and the cafeteria.

The Associated Students Business Office, also on the main floor, is a gold mine for Spartans. The business office offers check cashing for up to \$15.00, a place to pay utility bills, a stamp machine and even information on health insurance.

Third level Student Union assets are more cultural and include the Associated Student Council Chambers and several meeting rooms for lectures.

Probably the two most relaxing activities are the Union Art Gallery and the Music Listening Room, both on the third level. The gallery shows the works of local artists and is a great place to learn about, or display, art. The music room has areas which require the use of headphones, private listening rooms and a large general area where you can read or talk.

For social mingling, eating, drinking and watching big screen television, the Spartan Pub and Bakery in the Old



SCHWINN

If you're ready for the ultimate,
Schwinn has it —

P A R A M O U N T



Uniquely matched Columbus SLX
tubing frames, immaculately
brazed and polished.

\$695.00

Los Gatos Schwinn
15954 Los Gatos Blvd.
Los Gatos
356-1644

CALIFORNIA SHINGLE & SHAKE CO.



**WE RECOMMEND LICENSED
ROOFING CONTRACTORS**

- Roof Top Delivery
- Reroofing & New Complete Line of Composition Roofing
- Wholesale/Retail
- All Type Roofing Materials Come See Our Display
- Quality Service For Over 26 Years
- Everything You Need With 24 hr. Delivery Service In Most Cases

(408)289-1800

We Accept Open 7 am to 5 pm
Sat. 8 am to 12 noon
1025 Stockton Ave.
San Jose, CA

Campus

Cafeteria Building are necessary parts of any Spartan's life. Entertainment-wise, the Spartan Pub offers live music several nights a week.

Around the corner from the Pub is the Student Activities and Services Office. This office provides information about all the clubs on campus or directions for starting a new one. For new students who want to get involved in on-campus activities, this office is a must.

The Administration Building houses the Cashier's Office where tuition and other fees are paid. Financial aid checks can be picked up at the Financial Aid Business Office directly across from the Cashier's Office. The offices of the academic vice president, the ombudsman, the director of faculty affairs and the undergraduate studies office are also located in this building.

Counseling Services, the Women's Resource Center and the Testing Office are also quartered in the Administration Building, all on the top floor.

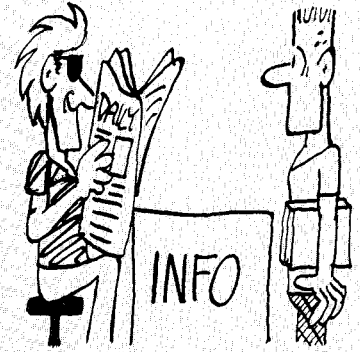
Counseling Services provides free, confidential counseling for all San Jose State students, faculty and employees. Both regular appointments and emergency services are available. The Women's Resource Center offers information on women's support groups and activities and events in the area. The Testing Office has information on waiver exams, graduate record exams and other special tests. For test deadlines, it's best to contact the office early in the semester.

The next two buildings are where serious students will spend most of their free time. Yes, you guessed it — the libraries.

Clark Library holds books and periodicals published from 1970 to the present. It's the newest one and offers great information. At the entrance, you'll find a message board for study groups to keep in touch and a change machine.

Books published before 1970 are available in the older Wahlquist North Library. The Reserve Book Room, where instructors can keep hard-to-find books and articles for students to use, is on the third floor of Wahlquist North.

After all this information, you need to know where to go for some healing. The Student Health Service, located in the Health Building, offers medical



Information Desks -- Administration Building Information Desk (924-5908) Hours: Monday - Friday from 9 a.m. to 5 p.m.
Student Union Information Desk (924-6530) Hours: Monday - Thursday 8 a.m. to 11 p.m., Friday 8 a.m. to 5 p.m. and Saturday 9 a.m. to 5 p.m.

Spartan Bookstore -- Hours: Monday - Thursday 7:15 a.m. to 7 p.m., Friday 7:15 a.m. to 5 p.m., Saturday 10 a.m. to 4 p.m.

Student Union Games Area -- Hours: Monday - Thursday 8 a.m. to midnight, Friday 8:30 a.m. to 1 a.m., Saturday noon to 1 a.m., Sunday noon to midnight.

Clark Library -- (924-2710) Hours: Monday - Thursday 8 a.m. to 11 p.m., Friday 8 a.m. to 5 p.m., Saturday 10 a.m. to 5 p.m., Sunday noon to 8 p.m.

Wahlquist Library -- (924-2829) Monday - Thursday 10 a.m. to 10 p.m.; Fridays and weekends from 10 a.m. to 5 p.m.

attention Monday through Friday. There is also a pharmacy where prescriptions can be filled.

There they are — the six buildings I rate as the places almost every student needs to know about. Hopefully, now you can walk around campus and feel a little more at home.

Deborah G. Guadan, a senior journalism major, is editor of the *Spartan Daily*.

Artist **Gene Mahoney**, a senior graphic design major, draws the *Spartan Daily's* comic strip *Good Clean Fun*.

California Cool



"I like winter. I love the cool weather, especially when there's a light drizzle out. It gets me to think about myself, where I am, where I'm going. I was born in England. London is my favorite city because of not only what it has to offer, but because of the winters..."

Warren Johnson, 25, is a senior, double majoring in graphic design and advertising.

On Warren: White dress shirt, \$65.00; brown and gray geometric pattern sweater, \$98.00; charcoal gray trousers, \$88.00. All Matinique, from InWear in Valley Fair Shopping Center.

"Winter is a time when I can bring out old blankets, a time when I can wear boots to school and wear old, comfortable sweaters."

Julie Rogers, 21, is a junior majoring in journalism.



On Julie: Black and white plaid blouse, \$68.00; black blazer, \$125.00. Matinique, from InWear in Valley Fair Shopping Center. Silver and rhinestone pierced earrings also from InWear, \$50.00.

"Winter is a time for hot food -- chili, soup. That's what I associate with winter. Winter is spent indoors, with a fireplace. And there's more of a chance for formal occasions like Christmas and Thanksgiving, as opposed to a summer barbecue in your backyard..."

Ken Gilbert, 22, is a senior majoring in graphic design.

On Ken: Brown and purple zip-front geometric pattern shirt, \$68.00; trousers, \$98.00. Matinique, from InWear in Valley Fair Shopping Center.

"I love winter 'cause it's the kind of weather when I can drink hot chocolate and watch 'I Love Lucy' reruns..."

Debby Kaplan, 22, is a journalism major, in her senior year.

On Debby: Ivory women's cords, \$59.00; ivory chanteuse shirt, \$45.00; olive cabled vest, \$69.00; olive roll-up hat, \$32.00; olive document bag, \$26.00; tapered belt, \$25.00; mocassins, \$59.00. All from Banana Republic in Valley Fair Shopping Center.

"To me, winter means warm, intimate evenings by the fire, with a good book. I like sleeping in on cold, rainy mornings..."

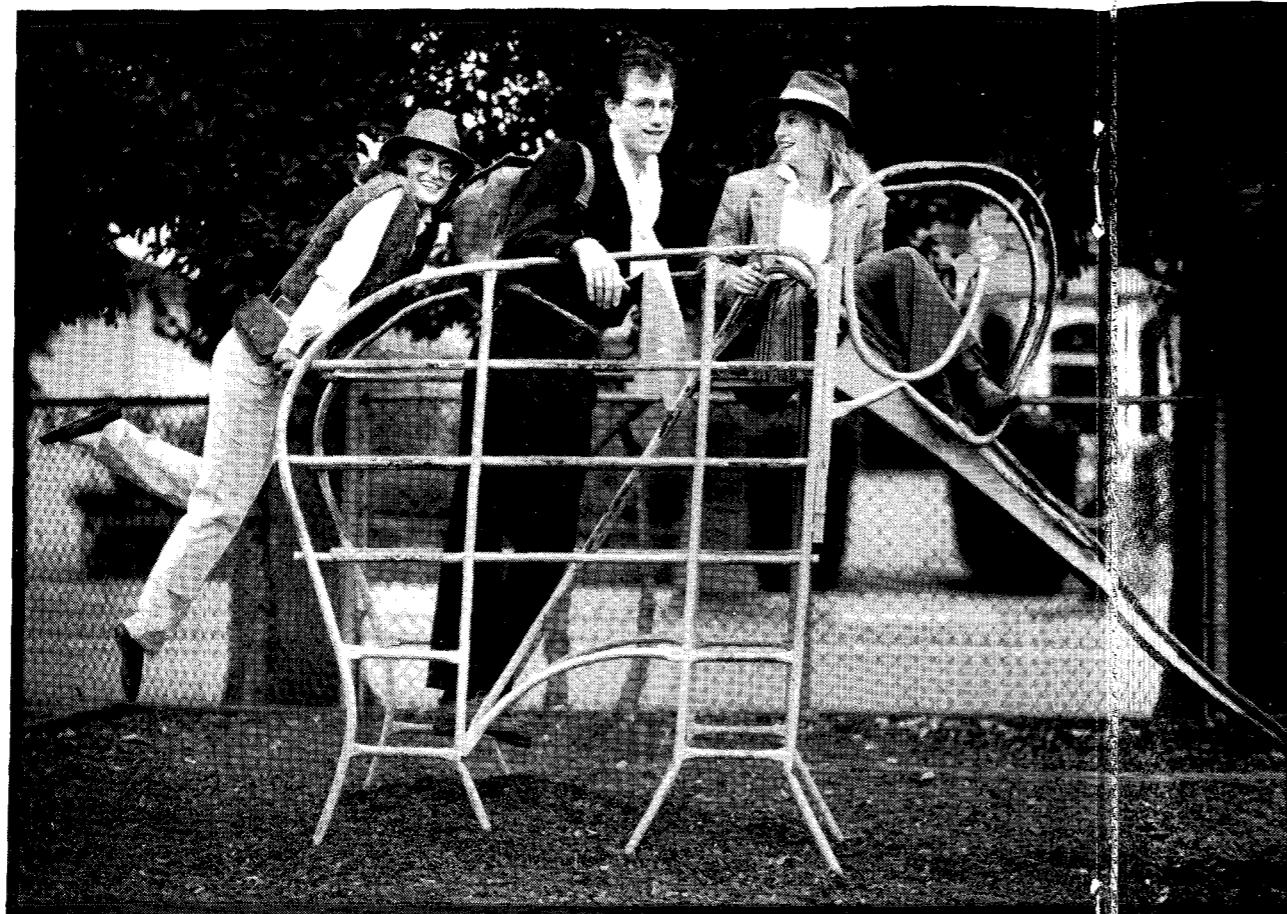
Reed P. Struppa, 25, is a senior, majoring in broadcast journalism.

On Reed: Blue rogue pants, \$29.95; blue and white banker's flannel shirt, \$32.00; blue surplus battle jacket, \$22.00; silk aviator's scarf, \$24.00; jute belt, \$15.00; safari shoe, \$69.00; rucksack, \$79.00. All from Banana Republic in Valley Fair Shopping Center.

"The cold is exhilarating. What can I say? We don't seem to have a real winter here. I like snow because it makes it so much nicer to come inside and get warm. I guess I like dramatic season changes..."

Allaire Paterson, 23, is working toward her master's in theater arts, with an emphasis on performance.

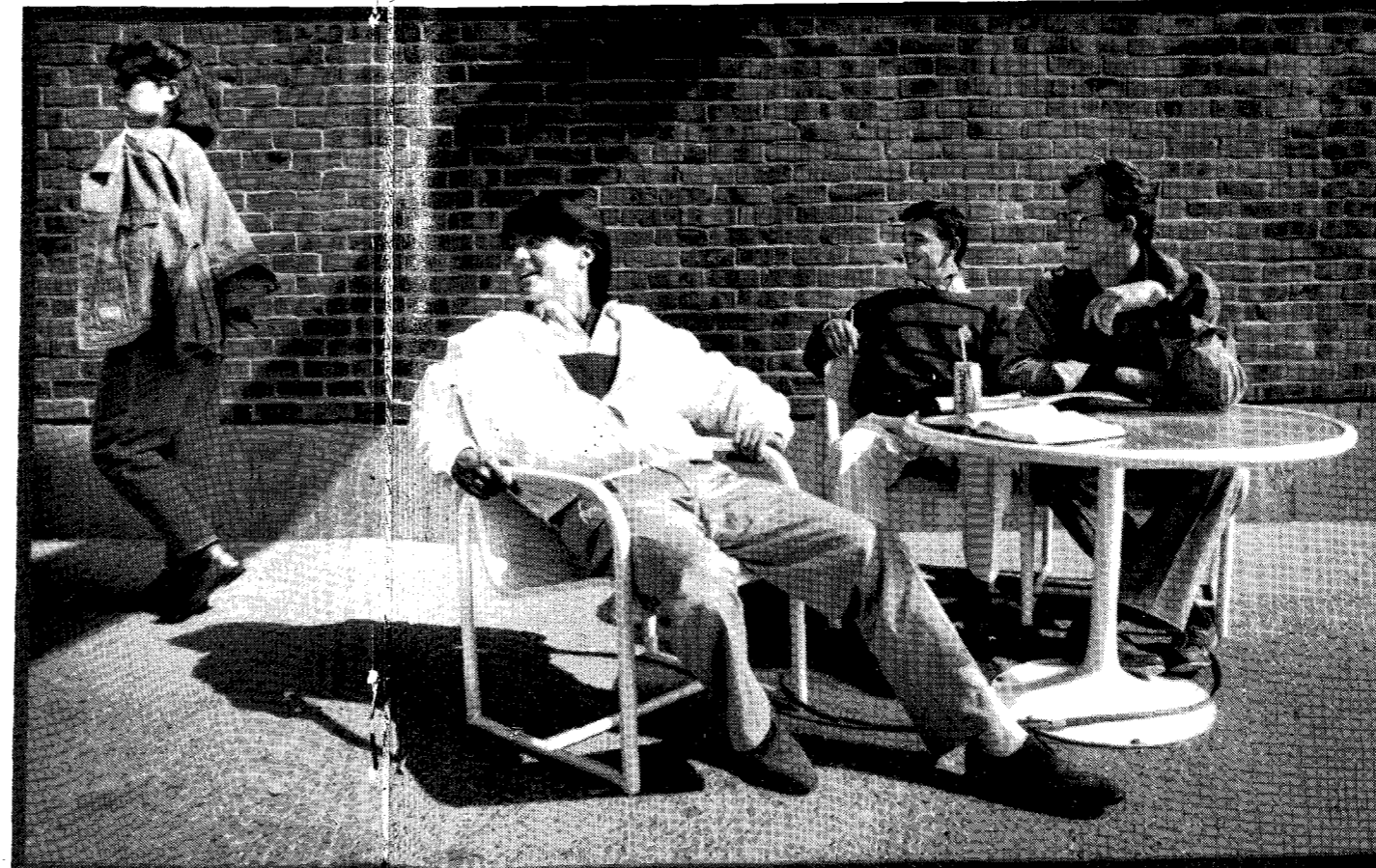
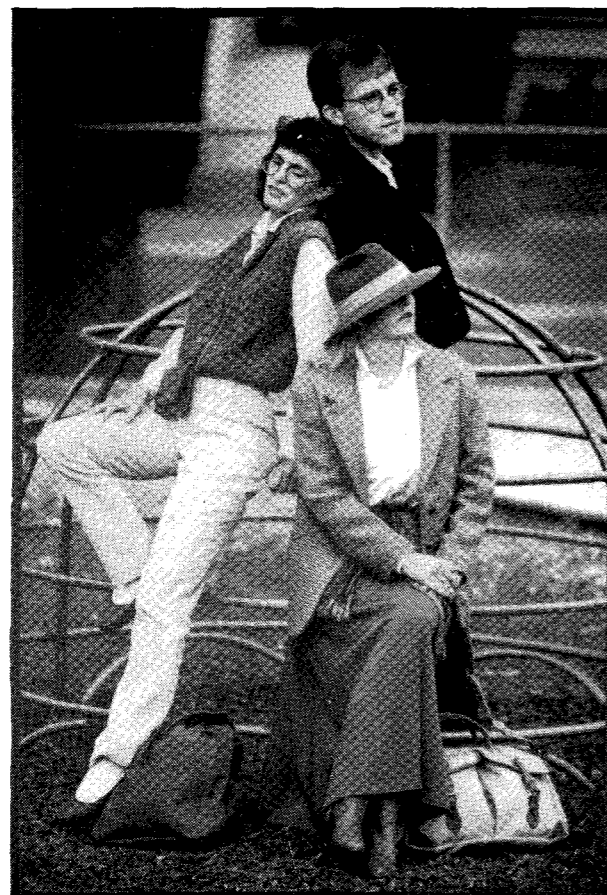
On Allaire: Essential skirt in bronze, \$45.00; ivory Kenya pioneer's shirt, \$36.00; women's tweed jacket, \$245.00; fur felt hat, \$59.00; papaya jacquard scarf, \$24.00; ranch boots, \$165.00; freelance briefcase, \$129.00. All from Banana Republic in Valley Fair Shopping Center.



"I love winter because I love wearing big, warm sweaters. I love cuddling in sweaters. And I like hot chocolate, fireplaces and walking on crunchy leaves...."

Angela Walker, 24, is a sophomore majoring in Radio/TV with a concentration in film.

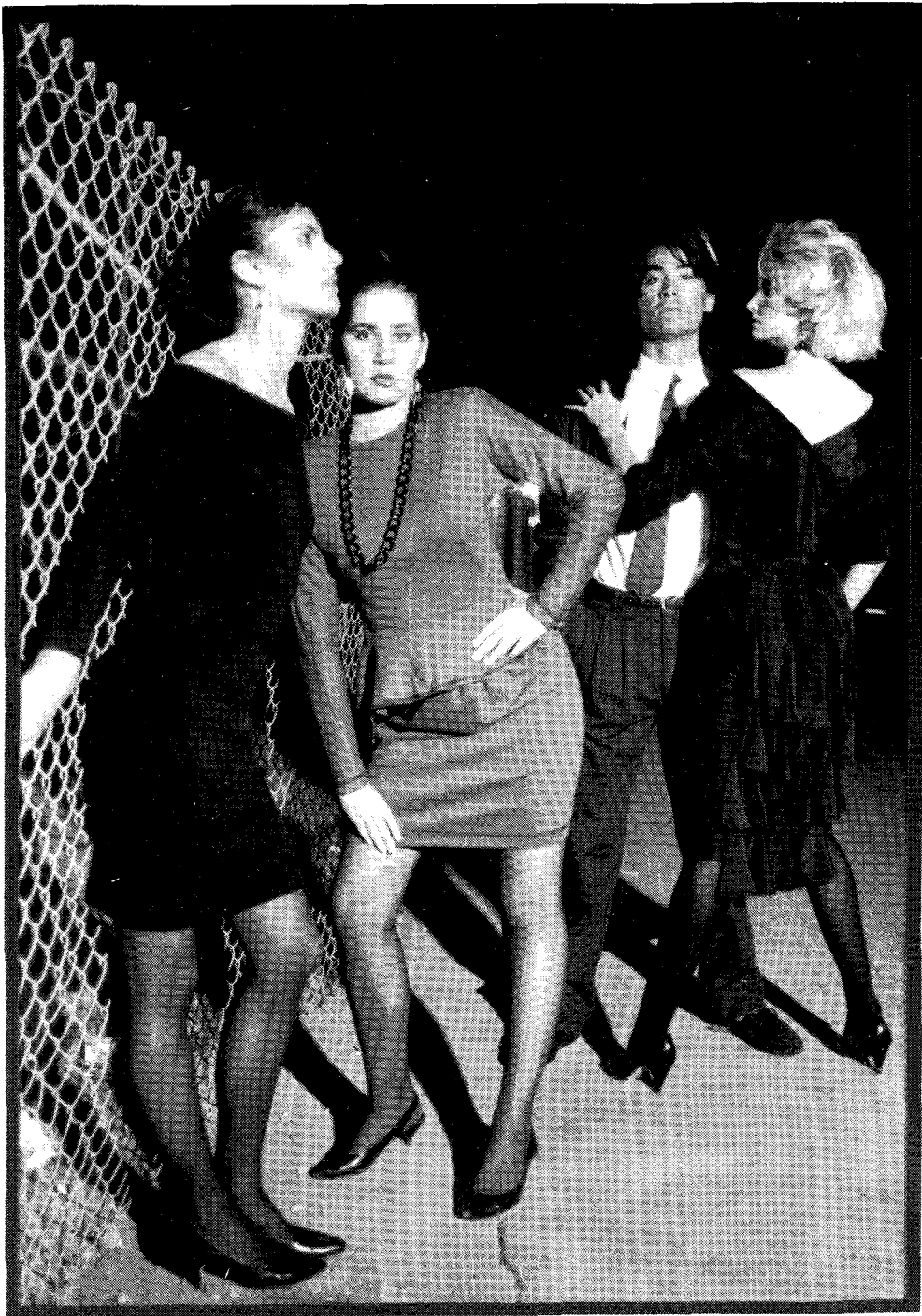
On Angela: Denim jeans, \$50.00; denim jacket, \$87.00; chambray shirt \$40.00; belt, \$24.00. All from Esprit Jeans in Valley Fair Shopping Center. Ecru sweater, \$50.00, from Esprit Collection in Valley Fair. Wessons, \$62.00, from Esprit Sport in Valley Fair Shopping Center.



On Reed: Khaki bush pants, \$77.50; black long-sleeved shirt, \$50.00; wine polo, \$40.00; black and cream checked shirt, \$67.50; long-sleeved green and navy club shirt, \$90.00. All from Polo/ Ralph Lauren in Valley Fair Shopping Center.

On Warren: Cream hamptons, \$52.50; jade club shirt, \$35.00; blue and white striped oxford, \$45.00; red and navy sweater, \$120.00. All from Polo/ Ralph Lauren in Valley Fair Shopping Center.

On Ken: Khaki pants, \$85.00; blue and gold rugby shirt, \$90.00; red club shirt, \$35.00; white light-weight jacket, \$97.50. All from Polo/ Ralph Lauren in Valley Fair Shopping Center.



On Debby: Black knit dress by Holly Sharp, \$138.00. From Diva in San Jose.

On Angela: Red skirt by Christina Maxx, \$30.00; red top by Christina Maxx, \$38.00; earring, \$26.00, and necklace, \$18.00, by Jan Michael. From Diva in San Jose.

On Ken: Charcoal gray trousers, \$88.00, and matching blazer, \$160.00; white dress shirt, \$65.00; tie, \$20.00. All from InWear in Valley Fair Shopping Center.

On Julie: Black dress with tiered bustle by Betsy Johnson, \$86.00. From Diva in San Jose.

Photographs By
Amelita Manes
and Julia Tranchina

Amelita Manes and Julia Tranchina are seniors majoring in photojournalism.



On Debby: Black knit dress by Holly Sharp, \$138.00. From Diva in San Jose.

On Angela: Red skirt by Christina Maxx, \$30.00; red top by Christina Maxx, \$38.00; earring, \$26.00, and necklace, \$18.00, by Jan Michael. From Diva in San Jose.

On Ken: Charcoal gray trousers, \$88.00, and matching blazer, \$160.00; white dress shirt, \$65.00; tie, \$20.00. All from InWear in Valley Fair Shopping Center.

On Julie: Black dress with tiered bustle by Betsy Johnson, \$86.00. From Diva in San Jose.

Photographs By
Amelita Manes
and Julia Tranchina

Amelita Manes and Julia Tranchina are seniors majoring in photojournalism.

Arlene Okerlund's campus vision

By Frank Michael Russell

Just ask around. It was no huge surprise when one candidate emerged in May — from a pool of more than 80 applicants — to become San Jose State University's academic vice president.

At a large, often impersonal, university where bureaucracy is usually the norm, Arlene Okerlund stands out as an administrator whose brash, dynamic style can make a difference.

Okerlund, with six years experience as dean of the School of Humanities and the Arts, had the qualities San Jose State needed in its new academic vice president, says university President Gail Fullerton. "She has, first of all, a breadth of interest — and a good bit of knowledge, as well — in a number of fields."

Okerlund has a knowledge of the university and a campuswide base of faculty support that made her a natural for the job. Her academic background is just as impressive.

She studied English and chemistry as an undergraduate at the University of Maryland, received her bachelor's degree in 1960, earned her doctorate in English from the University of California at San Diego in 1969, and began teaching the same year in San Jose State's English Department.

"She showed herself to be a superb academic administrator," Fullerton says, adding that Okerlund has a "contagious enthusiasm" she brings to her job.

Okerlund was appointed interim academic vice president in May 1986, replacing John Gruber, who was ousted in the wake of a \$300,000 deficit in the university's athletics program. Fullerton took over direct responsibility for intercollegiate sports at San Jose State soon after Gruber's resignation.



Julie Bennett

Arlene Okerlund was appointed academic vice president in May.

As interim academic vice president, Okerlund worked to build bridges between the university's schools and departments. Okerlund encouraged the deans to come together to plan for the university's future — a controversial position to take at an institution where academic power has long resided individually with the deans and department heads.

"That's crucial if we're going to work as an institution," she emphasizes. "The whole *is* greater than the sum of the parts."

Looming large on San Jose State's horizon, she says, is a changing faculty. In the next five to seven years, university administrators expect a substantial number of faculty retirements. New professors will need to be hired.

The plans the university makes will determine what San Jose State will be like as it grows into the next century. "We're trying to envision the university of the year 2000," Okerlund explains.

With the Project 88 Engineering Building expansion slated for comple-

tion next year, San Jose State will develop into a Silicon Valley leader in engineering education, she says, adding that the university is also developing strong programs in such areas as health sciences, journalism and the arts.

But growth will not be without its challenges. Project 88, for example, will bring thousands of new engineering students into the university. Demand for classes will rise, particularly in areas such as chemistry, physics and mathematics, but also campuswide.

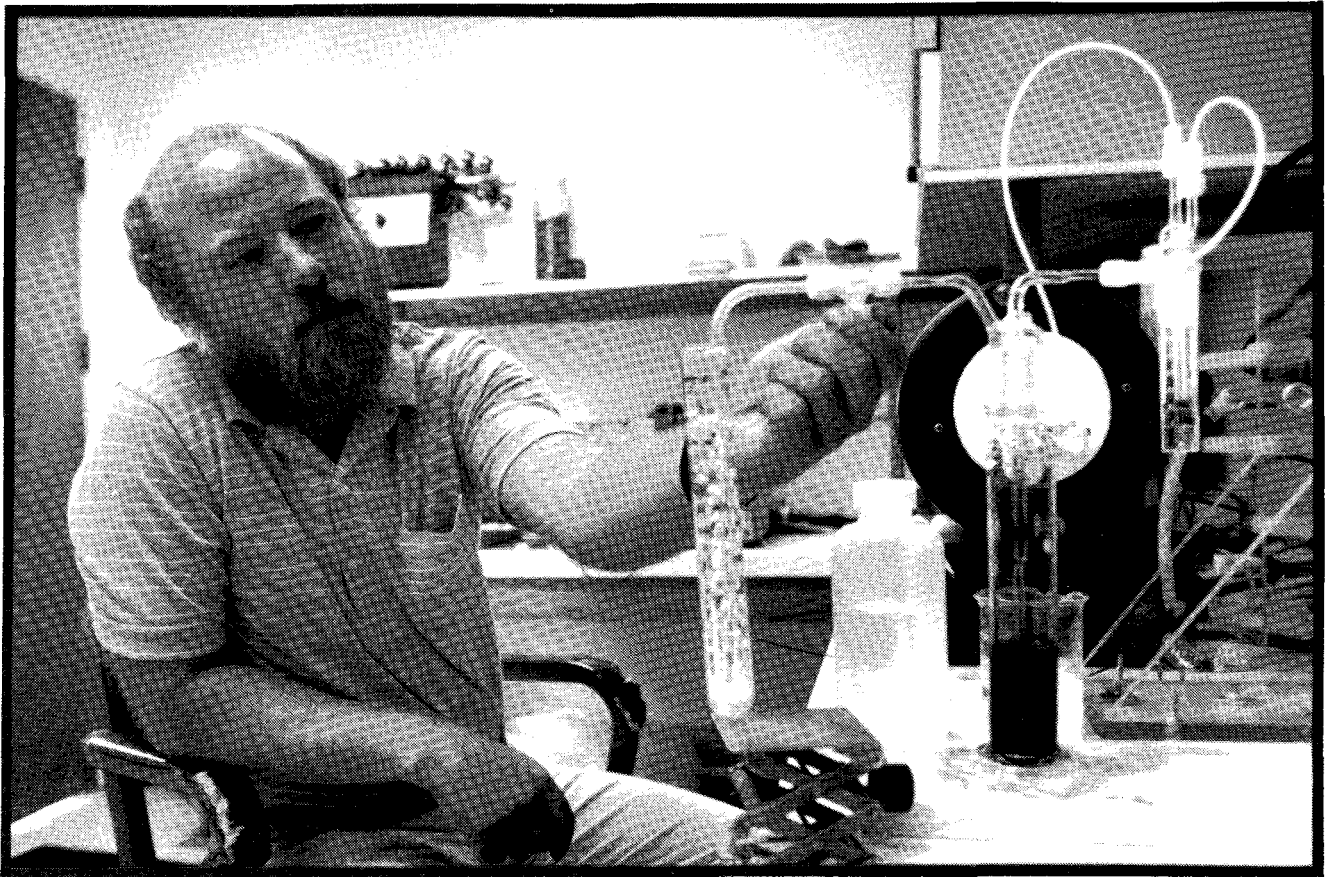
San Jose State faces a future with solid scholastic base, even in an area known for its prestigious colleges and universities, Okerlund says.

"We will never compete with Berkeley and Stanford," she observes, adding that those universities are institutions where scholarly research and graduate education are emphasized.

"Where we do compete — and I believe win — is in teaching undergraduate students. We are providing a good, solid understanding of the world we live in."

Frank Michael Russell, a senior journalism major, is editor of Access.

Research at



Mie Lynn Tsujimoto

Playing the prestige game

Three students work intently in a cramped university laboratory, cluttered with test tubes, petri dishes and other miscellaneous equipment. They are experimenting with DNA from bacterial cells, trying to understand the mechanisms behind specific mutating genes.

Across Silicon Valley at Moffett Field, San Jose State University students work beside National Aeronautics and Space Administration scientists, attempting to develop stronger materials for protecting spacecraft from the incredibly high temperatures generated by re-entry through the earth's atmosphere.

Back at the campus, a graduate student administers career and vocational assessments to a physically

handicapped student and provides counseling and guidance for him as he struggles with decisions regarding school and goals.

All this research — research that costs millions of dollars — is actually being done at San Jose State facilities, by San Jose State people.

More than \$6.3 million per year is spent on grant-sponsored research at San Jose State. When compared to the athletic budget of \$2.6 million, \$980,000 of which goes toward football, this seems like a lot. But, when compared to San Diego State University's research budget of \$30 million, it is only a drop in the bucket.

San Jose State, however, still manages to hold its own in the research field. It has the second largest volume of research in the California State University system and ranks third in the San Francisco Bay Area, after the University of California at Berkeley and Stanford University.

"We are behind San Diego State, but ahead of the other 17 in the (CSU)

Moss Landing researcher Steve Fitzwater dissolves liquid nitrogen.

system," said Fullerton, adding that research is an excellent form of teaching and that she would like to increase the amount being done at the university.

Professor Dan Holley from the Department of Biological Sciences would also like to see more research at San Jose State. He noted that research helps provide an "intellectual stimulus" and "student involvement," both of which are important ingredients for a healthy academic atmosphere.

Holley said that most faculty are shackled by their teaching loads and do not have time to do as much research as they want.

Richard Norelli, director of research and development at the San Jose State Foundation office, prefers to look at the situation another way.

"They (the faculty) have an unambiguous commitment to excellence in

the classroom," Norelli said.

According to Norelli and Fullerton, this "unambiguous commitment" is part of the mission of the CSU system.

"The mission of our campus, and of our sister campuses of California State University, permits us to do instructionally related research but provides no funding for that," Fullerton said.

In contrast, both the University of California system and Stanford University are dedicated to research. Comparing the CSU system to them is like comparing apples and oranges, Norelli said.

Faculty involved in research at UC schools and Stanford may "buy" release time from teaching, based on the amount of research they are doing. In some cases, professors may have 100 percent release time — they don't teach any classes.

Faculty at San Jose State, however, are required to teach and therefore are restricted in the amount of release time they can take, Norelli said. San Jose State faculty teach four courses each semester, but may obtain up to 25 percent, and in rare cases 50 percent, release time to do research.

Since the state does not provide money for research at San Jose State, funds must be obtained through grants from other agencies such as NASA, the National Institute of Health and the National Science Foundation.

Norelli, who holds a doctorate in physical anthropology, is partly responsible for bringing research dollars into the university. He helps locate funding for research and training and is excited to be at San Jose State.

"Scholars here at SJSU are advancing the frontiers of science," Norelli said. "Our faculty are very, very good. Being a good teacher and providing excellence in the classroom is the overriding mission of the university."

Part of providing that excellence, according to him, is being aware of, and involved in, new developments in a particular field.

San Jose State has an advantage because of its location in the heart of Silicon Valley.

"Most people think that Stanford is the engine that drives Silicon Valley, but it's San Jose State University that is

the engine. Stanford is the steering wheel."

Approximately 250 grants and contracts were awarded to San Jose State last year, many of which involve more than one faculty member. Norelli estimated that at least one-half of the faculty is involved to some extent in research. Most of the projects involve at least one student, usually more.

According to Serena Stanford, associate academic vice president for graduate studies and research, a relatively small percentage of the research at San Jose State is actually funded.

Holley is very active in research and is presently involved in two NASA projects.

More than \$6.3 million is spent each year on grant-funded research

One of these is a grant of \$43,960 to study the effects of light intensity on rodents, specifically rats, and to determine the appropriate light levels to be used in animal chambers in space. Light affects, and essentially regulates, circadian rhythms of animals which affect body temperature, hormone levels, and many other physiological parameters. This study is designed to determine the quality of light required for optimal health of the animals. Ultimately, the results of the research may affect lighting requirements for nonhuman primates, such as monkeys, and even humans.

As part of the study, San Jose State hosted a NASA sponsored workshop in July 1987. Established scientists came from Johns Hopkins University, Massachusetts Institute of Technology and Harvard University's medical

school, to participate in the two-day workshop.

According to Charles Winget, a NASA scientist involved in the project, the results of the workshop and Holley's research will become part of a NASA technical memorandum used for making recommendations to NASA engineers designing the animal research chambers used on spacecraft.

Some of the spacecraft to which Winget referred are biosatellites — similar to the Soviet Cosmos biosatellites, space shuttles such as Challenger, and the proposed space station, a large research facility which will fly in space for as long as 90 days.

He added that when the resulting memorandum is released, it could be used for the next 10 to 15 years.

Holley's second project with NASA involves studying pineal glands from the rats that flew aboard the Soviet biosatellite Cosmos in September and October 1987. Located in the brain, the gland is an important biological timing mechanism which affects reproductive organs.

Robert Anderson, a professor in San Jose State's Material Engineering Department, studies the tiles which provide thermal protection for the exterior of the space shuttle, also through a grant from NASA. His group is trying to develop stronger, more protective tiles.

"The tiles are totally parasitic. They are just a weak overcoat designed to protect the structure," Anderson explained.

Off campus, San Jose State's Moss Landing Marine Laboratories, located on the coast between Santa Cruz and Monterey, receives more than \$1.5 million of grant money and is very active in research. John Martin, director of the marine laboratories, is studying the "greenhouse effect" of the increasing carbon dioxide levels in the world's atmosphere.

The greenhouse effect is a build-up of carbon dioxide in the atmosphere which acts as a kind of insulator, causing the earth's temperatures to rise and melt the polar ice caps.

"If the ice caps melt, San Jose is under 40 feet of water," Martin said. Florida and New York City would also be covered by ocean.

Removal of carbon dioxide from



**FOOD AND WINE
GIFT PACKS
BASKETS
PARTY TRAYS
FOR ALL OCCASIONS**

**COME IN FOR EARLY
CHRISTMAS ORDERS**

FREE GIFT

**WE SHIP WITH A
GUARANTEED
SAFE DELIVERY**

**OUR FOOD
& WINE GIFTS
ARE IN GOOD TASTE**

Town & Country Village

248-2747

Westgate Mall

374-4770

Almaden Plaza

266-3762

Locally owned & Operated
For 25 Years

*Peter James
coffee beans
by the bag
available now*

*Also featuring
Cappuccino, Espresso
coffee drinks
Croissants, Pastries,
&
Desserts*

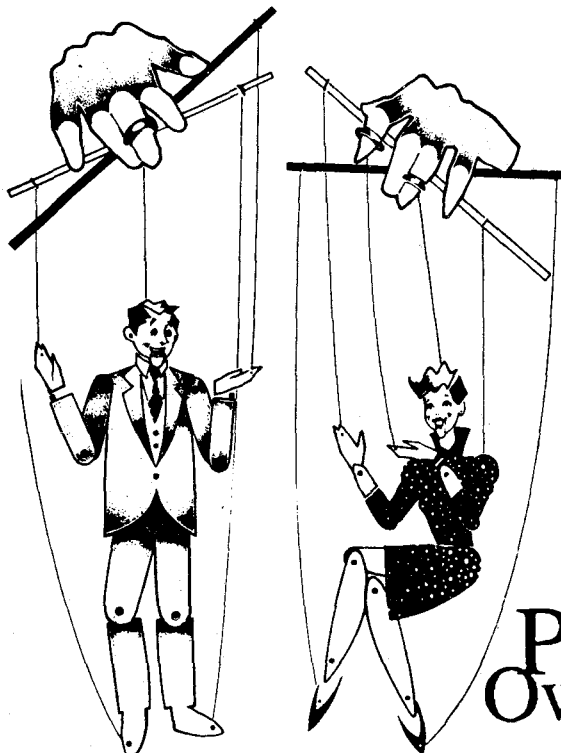


the air is primarily done by plants near the surface of oceans. The carbon is transported to the bottom of the ocean when the plants die and sink into the sediments. Martin and his students are collecting these sinking plant remains to determine just how much carbon dioxide the plants are transporting.

Grant money helps fund research expeditions for Martin's group to different parts of the globe. In August his group traveled to Alaska. Next year, Martin hopes to go to the Antarctic and the North Atlantic.

Professor Robert Fowler, from the Department of Biological Sciences, operates through a grant from the National Institute of Health. He and his group of four students study mutation mechanisms of genes in *Escherichia coli* cells, a nonpathogenic bacteria found in the gut of animals and humans.

"We are looking for genes — mutator genes — that influence frequency of mutations," Fowler explained. An understanding of how mutator genes operate in nonpathogenic bacteria, such as *E. coli*, may eventually help scientists understand similar mechanisms in disease-causing bacteria



Evergreen Valley College offers two exciting programs of General Education Courses transferable to SJSU.

Intersession Courses: Jan 4 - 23 (earn 3 to 6 units in 14 days)

Register at EVC Admissions & Records Office

Mon. - Thurs. 9:00 a.m.-9:00 p.m.

Fri. 9:00 a.m.-5:00 p.m.

Sat/Sun. Mini Semester Courses: Feb. 20-June 3 (earn 3 to 6 credits in 12 weeks)

Register: Sat., Feb. 6 -9:00 a.m.-1:00 p.m.

Sat., Feb. 20-9:00 a.m.-1:00 p.m.

Sat., Feb. 27-9:00 a.m.-1:00 p.m.

Day & Evening offerings include courses in:

- Communication In The English Language And Critical Thinking
- Physical Universe And Life Forms And Mathematics
- Arts, Literature, Philosophy And Foreign Language
- Social, Political And Economic Institutions
- Understanding And Self-Development

Pull Your Own Strings

Evergreen Valley College
3095 Yerba Buena Road
San Jose, CA 95135

For information call: (408) 270-6441

Show SJSU I.D. card for express registration.

and viruses responsible for diseases such as acquired immune deficiency syndrome (AIDS).

Although the majority of funds are granted to the schools of Science and Engineering, research is not limited to these departments. Grants are awarded to all schools of the university, including Education, Social Sciences, Applied Arts and Sciences, and Social Work.

The Center for Career and Vocational Assessments for Handicapped is funded by the Packard Foundation, a non-profit organization founded by David and Lucille Packard of Hewlett-Packard fame to support projects like the one at San Jose State.

Kim Brosnahan, a graduate student working in the program, says the center provides vocational and career counseling for physically and mentally handi-

capped students. Three types of evaluations are available to help students determine the type of work they are able to do and the subjects they would like to study.

According to Serena Stanford, students can get involved in research with faculty who already have grants, or they can apply for a small amount of grant money of their own through their school. The amount of money each school receives to distribute to students depends on the amount of research done in the school.

Students who cannot get funding have only one other option, according to Stanford — they can do research at their own expense. Many graduate students working on master's theses do exactly that. Any costs for materials needed for the project come out of the students'

own pockets.

Three students are working for Fowler under the Minority Biomedical Research Support Program which is funded by the National Institute of Health.

"(The grant) prepares minority students for graduate research careers by giving them a taste of research early on," Fowler said.

The minority program is one of the largest funded programs in the School of Science under project director Robert Hicks, a professor in the psychology department.

Celso Taborga, an undergraduate molecular biology student working with Fowler, has been involved with the minority program for three years. As a result of the program, Taborga had the opportunity to present results of his

Summer's Right Around the Corner!

Sure, school may be in session, but that doesn't mean you can't enjoy a summer break. Because at Executan summer never ends! And it's right around the corner at any one of four convenient, state-of-the-art Executan locations!

So keep that summer spirit with a super tan at Executan Wolff System Sun Centers!

Call today to schedule your appointment.

EXECUTAN
A Wolff System Sun Center

Los Gatos: 798-10 Blossom Hill Road **358-7866**
Saratoga: 106 El Paseo de Saratoga **379-7866**
Cupertino: 20956 Homestead Road **996-0500**
San Jose: 1058 Leigh Avenue **947-7866**





**WILLOW
GLEN
TATLER**

**BOOKS
ESPRESSO BAR
GALLERY**

- Special Orders
- Magazines
- Cards

1318 Lincoln Ave.
San Jose, CA 95125

OPEN EVERY DAY

Sun. 10am-5:30pm
Mon. 6:30am-5:30pm
Tu.-Thu. 6:30am-9:00pm
Fri. 6:30am-10:00pm
Sat. 10am-10pm

PHONE (408) 286-3981



Michael Chow

**\$50
GIFT
CERTIFICATE**

With
minimum
purchase
of \$100
expires 12/31/87



Bring this gift certificate and choose from our entire selection of rings, earrings, pendants, pearl necklaces, chains, charms, and bracelets.

A & R Jewelry



798 Blossom Hill Rd.
KINGSCOURT CENTER
Los Gatos

358-4155

research.

Last year, Taborga won a prize for his presentation at the Los Angeles Society for Advancement of Chicanos and Native Americans in Science. Most recently, he presented his data at the Minority Biomedical Research Support Program and Minorities Access to Research Careers National Conference in Washington, D.C.

Edith Ombao, a graduate student in psychology also presented research results at the National Conference. She described the Washington conference as an opportunity for a "more in depth discussion between researcher and audience." Ombao said it takes sheer motivation for students who want research experience, but that it was worth it.

"Just don't give up," she urged.

Robert Anderson's NASA project also includes students. Although Anderson is on sabbatical this semester, his students continue the research under the guidance of several NASA engineers.

"(The students) are not go-fers — they don't wash labware," Anderson said. "The focus always has been that, yes, we do a service for NASA, but we always had an understanding that we never do anything that wasn't profes-

Kim Brosnahan explains a dexterity test to William Wilburn.

sionally challenging."

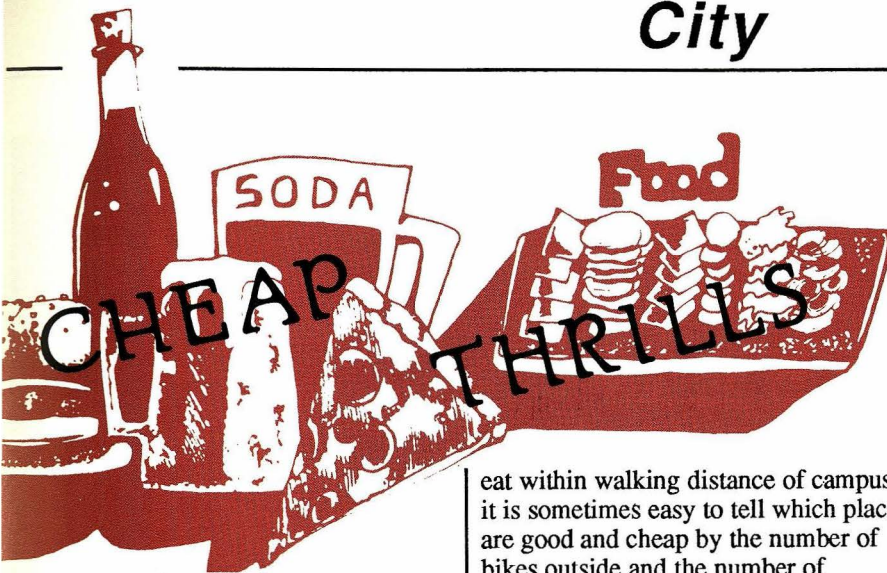
According to Serena Stanford, the opportunity for "professionally challenging" grant-sponsored research at San Jose State, and the CSU system as a whole, will be changing. Stanford said a proposal will be presented to the state Legislature and the California Post Secondary Education Commission which would allow the CSU system to offer doctoral programs. It would also make it possible for the legislature to set aside money to support specific projects. As it stands now, the UC system is the sole provider of doctoral degrees among California's public schools.

Whether or not San Jose State ever offers a doctoral program, research will remain an important aspect of the university, because it provides students with opportunities to work with scientists in the field — hands-on learning at its best.

Kara Myers is a senior biological sciences major.

Photographers Michael Chow and Mie Lynn Tsujimoto are senior photo-journalism majors.

By Michael Lewis
Illustrations By Doug Duril



Does it happen to you as much as it happens to me? You get your check, pay all those frivolous expenses like tuition, food, bills and rent, and you're left with a social budget that would embarrass Gandhi. Not only is next week's check already spent; so is every week as far as you can tell. Maybe a lottery win is just around the corner, but I wouldn't bet on it. Hell, the only affordable fun is closing my eyes and choosing what flavor of Top Ramen to eat for dinner.

It's these situations that push a person to show what he is made of, to ask himself, "Am I going to sit home and stare at a bunch of noodles that taste the same no matter what flavor I pick, or am I going to have fun?"

One of the biggest expenses many students have is food. But does it have to be? Not necessarily, if you remember two key words: happy hour. Going to the right bar at the right time can make a world of difference.

The **Baja Cafe**, located on Hamilton Avenue in Campbell, is perhaps the most bountiful buffet around. Monday through Friday, from 5 to 8 p.m., the dance floor is transformed into an hors d'oeuvre heaven. Tacos, burritos, tostadas, chips and salsa, cold cuts and fresh vegetables are offered — all you can eat. Best of all, the buffet is free.

I know what you are thinking: outrageous drink prices and a ten drink minimum. Wrong. In fact, the margaritas and draft beer are only a dollar during these hours and there is no drink minimum. Now, don't expect to go in there and not order a drink at all. The Baja doesn't want freeloaders.

If you just want a good, cheap bite to

eat within walking distance of campus, it is sometimes easy to tell which places are good and cheap by the number of bikes outside and the number of backpacks inside. The finest example of a student restaurant off-campus is, without a doubt, **Peanuts** on San Fernando Street.

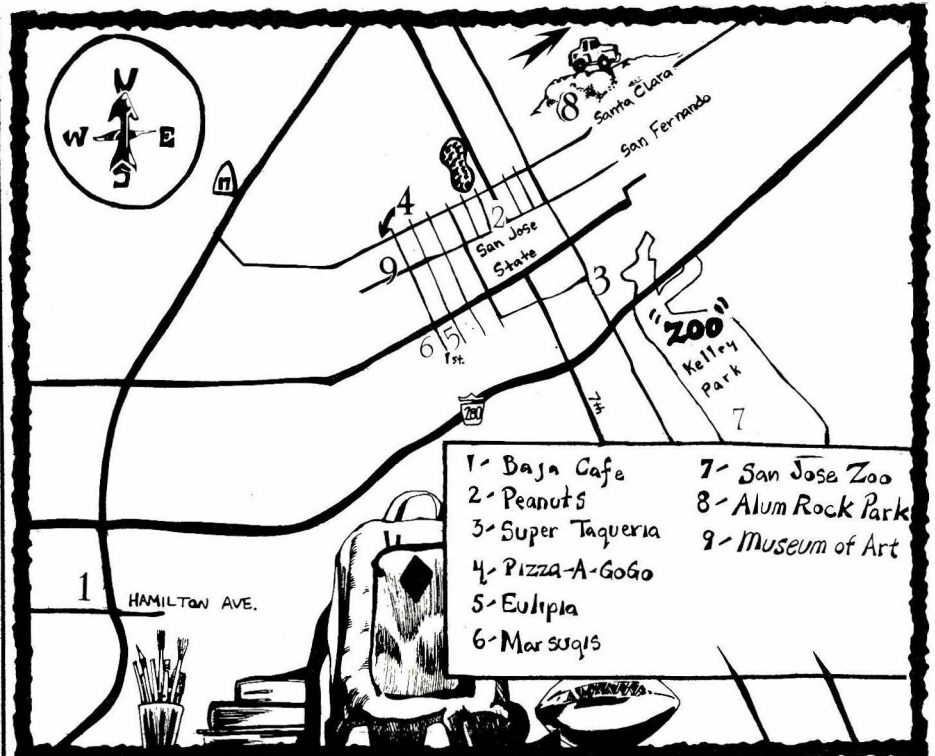
Peanuts has been serving San Jose State University students for a long time and for several good reasons: low prices, quick service and pretty good food. I dare anyone to show me a better breakfast special near campus. At lunch, most of the items are in the two dollar range and all of the sandwiches come with fries. As an added bonus, from 2 to 4 p.m., Peanuts has their own happy hour with 55 cent draft beer. (I can attest to its therapeutic value after a rough class.)

One of my favorites, half a block

south of Moulder Hall on 10th Street, is the burrito place extraordinaire, **Super Taqueria**. This is some of the best Mexican food in downtown San Jose. The burritos are large and made of real sliced steak (not the pseudo-Mexican food, like Taco Bell) with just the right amount of spices. Super Taqueria also offers the usual variety of Mexican food, such as tacos, quesadillas and tortas. Most prices are still well under three dollars and the portions are as large as ever.

Lastly, **Pizza-A-GoGo** on Santa Clara Street deserves mention. Pizza-A-GoGo is the only establishment mentioned so far that actively seeks the college crowd. Manager Todd Hirsch states, "We want the college crowd. The specials in drinks and pizza are with the SJSU students in mind." Pizza-A-GoGo offers three specials on a regular basis. On Monday, it's two-for-one medium pizzas. On Thursday, bottles of Corona Mexican beer are sold for only a dollar. On Sunday, all you can eat pizza and drink (domestic beer and soft drinks) is offered for five dollars. Any way you slice it, GoGo's specials are a good deal.

Around campus, if you are looking for fun that doesn't require a partner, the pickings are mighty slim. However,



City

there are two small clubs on First Street that deserve to be checked out.

Eulipia (upstairs, above the restaurant by the same name) is located across from Underground Records. The small, dark bar has become one of the few clubs in downtown San Jose where it is possible to get a taste of local music. Progressive bands, some good, some not, are playing every week. The drinks are cheap (which really helps the occasional lousy band start to sound better) and the service is great. Recently, the management experimented with a comedy show. The cover charge was only five dollars and I witnessed two of the best comedians I have ever seen.

Marsugi's, just a block away from Eulipia on First Street, is another showcase for local music talent. The music is more mainstream and some of the top local talent performs here. Again, prices are low and service is friendly.

If night life isn't for you, never fear; there are plenty of things to do before dark.

During the day, San Jose is like many valley towns; everyone leaves the city to go find something to do. Consequently, many local places get overlooked.

Did you know San Jose has a zoo? On Senter Road, about three miles from campus, is **Happy Hollow Park and Zoo**. The park is open from 10 a.m. to 5 p.m. every day except Christmas. General adult admission is a paltry two dollars. Even though it is a small zoo, it does house quite a few interesting animals including a perpetually-perturbed grizzly bear.

Along with admission to the zoo is entrance to Happy Hollow children's park. Sure, it is mostly aimed at kids, but there is a lot of nice picnic area and plenty of stuff to climb on, should you feel childish. (I can also attest to the therapeutic value of occasionally being childish.)

Moving east toward the mountains is **Alum Rock Park**. Alum Rock is a rugged, mountainous park with a special feature — horseback riding. The park offers a choice of four trails and three

skill levels to ride, ranging from beginner to expert. Large amounts of running room are available for the advanced riders. Alum Rock is open everyday from 8 a.m. to 5 p.m. and the horses rent for \$10.00 an hour. The riding is a blast, even for beginners like myself.

If indoor culture is more your speed, the **San Jose Museum of Art** is for you. Located on the corner of Market and San Fernando streets, it is, unfortunately, one of the best kept secrets in downtown San Jose. The museum has an amazing array of artists from new to progressive to more conventional. Admission is free.

I realize I have only scratched the surface in South Bay low cost fun. So if you find yourself bored, or you just need to get away from campus, go adventuring for fun, inexpensive places in the South Bay.

Michael Lewis, a Junior Journalism major, is planning a guidebook to inexpensive fun in the South Bay.

If you think a credential takes years, you haven't done your homework.

In fact, a credential can be earned in as few as 10 months with National University's program as approved by the California Commission on Teacher Credentialing.

That's less than one year to earn your credential in:

- Single Subject
- Multiple Subject
- Reading Specialist
- Special Education Specialist
- Learning Handicapped
- Educational Administration
- Preliminary Administrative Services
- Professional Administrative Services

A master of science program in many of these areas of credentialing is also offered. This program can be completed in as little as 12 months.

All coursework leading to a credential or master's is taught in the evening so you can continue to work full time while completing the program.

And at National University you take one course at a time, one month at a time. This unique one-course-per-month format allows you to concentrate your energy and focus your attention on each subject. That's a big plus given all your other commitments.

And since new courses start each month, you can begin your credential or master's program any month of the year. Why not now?

Call National University today at (408) 236-1100 to find out more. Classes begin each month.

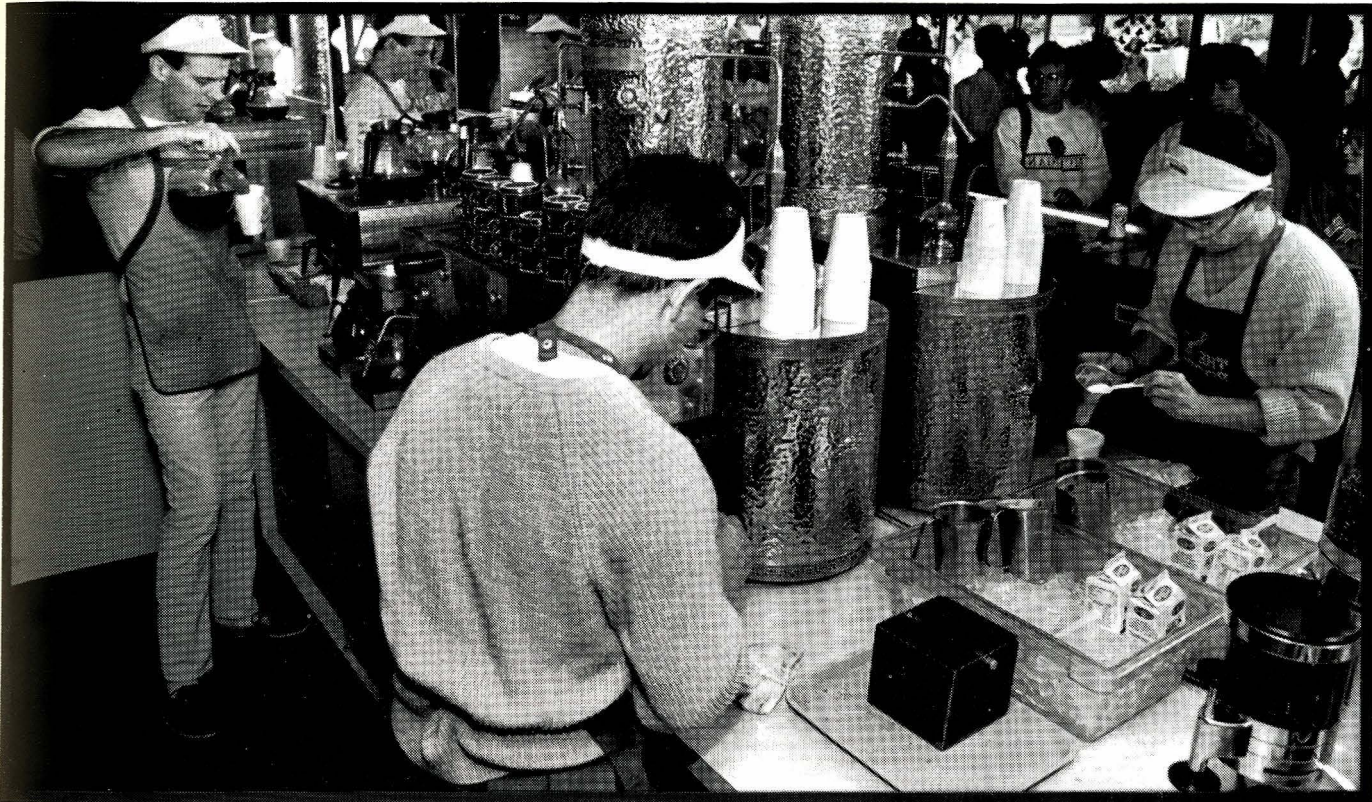
National University

Changing the Course of Education

5300 Stevens Creek Boulevard Suite 250 San Jose, CA 95129

Accredited by the Western Association of Schools and Colleges

National University does not discriminate in any of its policies, procedures or practices on the basis of race, color, ethnic origin, age, sex, handicap or veteran status.



Erol Gurian

Espresso Encounter Old Cafeteria Building, San Jose State

As early as 7:30 a.m. students are lining up for their first dose of the brain-brightening brew at San Jose State's popular Espresso Encounter. Espresso Encounter's phenomenal success is attributed to exposure to current food trends, and increase in travel and the influx of international students on campus, resulting in a more knowledgeable, sophisticated student population. Espresso Encounter features a huge, ornate espresso machine that pumps out espresso, cappuccino and steamed milk drinks. Almond and cinnamon croissants and fresh-baked cakes feed the early study crowd. Whole coffee beans, sold by the pound, are available to grind for use at home. Hours: Mon.-Thur. 6:45 a.m.-9 p.m., Fri. 6:45 a.m.-7:30 p.m.

For the love of coffee

By Dona Ley Va

The aroma of freshly brewed coffee is like a magnet. Whether it lures you from a cozy bed, or beckons from the portal of a coffeehouse, if you are a coffee lover, there is little you can do to resist.

The South Bay hosts an appealing collection of coffee merchants, ranging from traditional old-world coffeehouses to budding cafes that feature fresh-roasted beans on site.

In recent years, the cachet of coffee has attracted a young, upscale group of folks who are responsible for bringing a unique coffeehouse way of life back into vogue. The coffeehouse becomes a sort of living room away from home, where comfortable midday breaks are obliged and where bleak afternoons dissolve

Peter Lacich (left) and Jeff Ruge prepare morning coffee.

amidst the steaming brew and friendly chatter. Customers can linger and reflect or browse through the daily paper without the least bit of pressure from the management.

Once considered Bohemian haunts, today's coffeehouses attract young professionals, neighborhood residents, students and artists of all persuasions. The homey, relaxed atmosphere is conducive to writing letters, group studying or simply rediscovering the art of conversation.

With the soothing strains of Vivaldi's "Four Seasons" in the background and pleasant, animated faces peeking out from secluded alcoves, the atmosphere is nothing less than uplifting. The overall feeling is one of safety and nourishment, like strong hands pressing you back together when you're about to fall apart. Sitting for hours over a cup of coffee, away from the harshness and problems of everyday life, can become habit forming.

There is something to be said about the longevity of the traditional coffeehouse aura, and the lure of the aromatic

**Printer's Inc.
— Bookstore
and Coffee-
house
310 Californ-
ia St., Palo
Alto**

One of the finest and most organized collections of books and magazines in the South Bay can be found at Printer's Inc.

Footstools and chairs are scattered among the stacks to encourage unrushed browsing and reading. Printer's Inc. satisfies the discriminating needs of a crowd of students, professors, artists and professionals. The sophisticated, old-world atmosphere attracts an array of colorful, interesting patrons, which makes

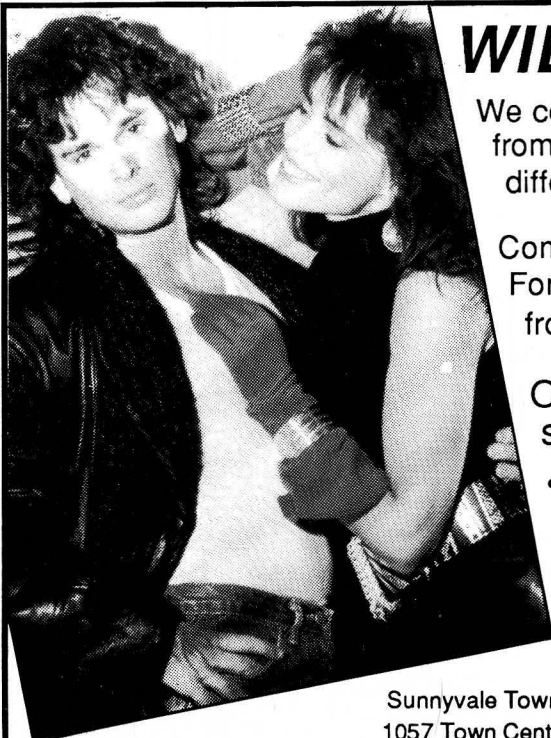


Jeff Alford

Crowded bookshelves provide a pleasant diversion.

Printer's Inc. one of the top people-watching establishments around. The perfect spot for observing this wonderful parade of people is in the

tiny cafe section. Small ceramic-topped tables and old church pews are perfect for journalists working on manuscripts, students, and serious conversationalists. Coffee is sold by the cup, with customers helping themselves to cream, sugar and garnishes of cinnamon or cocoa.



WILD STYLE

We confess, we like to deviate from the norm. Being different is fun.

Command Performance.
For looks that range from mild to wild.

Our specialized services include:

- precision haircutting
- free consultations
- hair coloring
- perming

Sunnyvale Town Center
1057 Town Center Lane
Sunnyvale 245-2746

Silver Creek Plaza
1775 E. Capitol Exp.
San Jose 270-1550

Calaveras Shopping Center
179 W. Calaveras Blvd.
Milpitas 263-4357

Town&Country Village
58 El Camino Real
Palo Alto 415-329-8040

**Command
Performance**

STYLING SALONS

We've got the style for you.

brew has a great deal to do with it. Coffee goes back almost 1,400 years. The first coffee plant was cultivated in Ethiopia around A.D. 600, after someone discovered that the seeds of its cherrylike fruit made a pleasant tasting drink which stimulated a sense of well-being and induced a mental alertness. Coffee spread north to Arabia and from there on to Turkey. By the late 1500s, the beverage was an important part of Middle Eastern life. Toward the end of the 1600s coffee found its way to Europe and over to the New World. Since the Middle East encircled the entire coffee empire, it is no surprise that a Jewish emigrant founded the first great coffeehouse in England. Coffeehouses multiplied rapidly in and around London, and typical daily meetings there led to the creation of the Royal Society, Lloyd's of London, The Spectator newspaper and the English Stock Exchange.

In France, coffee salons became the rage. The popular Cafe Society developed among the leisured and influential classes. Regular clients included Voltaire, who was said to drink 50 cups of coffee a day, Rousseau, Robespierre and Napoleon Bonaparte.

Viennese coffeehouses, replete with delicate tempting pastries,



Mie Lynn Tsujimoto

**The Willow Glen Tatler
1318 Lincoln Ave., Willow
Glen**

If the sleepy little town of Willow Glen seems to be in a time warp, it is because of the community's desire to maintain a wholesome, friendly and unified character. The Willow Glen Tatler embodies this small town philosophy.

The Tatler's intimate setting welcomes the single patron as well as small groups. High quality new

Tatler customers enjoy their coffee and good food.

and used books line the walls and appear artfully arranged on tables. Small groupings of tables allow study groups or the local French club to meet and converse comfortably. The handsome espresso bar serves as the hub of the shop's activities.

hosted brilliant meetings of minds among classical musicians and political geniuses.

The coffee-loving Dutch brought their coffeehouses along with them to Nieuw Amsterdam, now called New York. The famous Merchants Coffee House in New York was used to house President George Washington's inaugural celebration.

In the past century, America has witnessed the artistic importance of coffeehouses in New York's Greenwich Village and Soho districts and the popularity of San Francisco's eccentric North Beach cafes.

Today, the respect for tradition remains intact locally, lending a continental flavor to some of the newer coffee drinking establishments. Some offer the unique experience of combining light meals, international books, extensive magazine sections, and even greeting cards and gifts — and, of course, coffee, that elixir of midnight scholars and the delight of connoisseurs. Fresh-roasted coffees of the highest quality summon us in with their won-

derful aromas.

You might enjoy a fresh-brewed cup of light-bodied Hawaiian Kona or a dark-roasted espresso steamed through a hissing cappuccino machine. The coffee bars also boast a long list of specialty drinks based on coffee, and sometimes sweetened with liquor or other flavorings. With the millions of pounds of various coffees that are shipped to the United States every year, it is no wonder that the average coffee consumer is steeped in confusion.

Coffee beans are classified by their country of origin. In general, heavier-bodied coffees come from Colombia, Brazil, Guatemala, Ethiopia, Kenya, India and Sumatra. Lighter-bodied coffees come primarily from the Caribbean, Mexico, Costa Rica and Venezuela. The Indonesian islands of Celebes and Java produce medium-bodied beans. The only North American coffee plants are grown in Hawaii where we find the flavorful, light-bodied Kona bean.

Although geographical and climatic conditions vary greatly, there are only



**DRAFT BEER
\$1.00
EVERY**

**Tuesday, Wednesday
& Thursday Night**

AT THE HOP

**50 University Ave.
Old Town, Los Gatos
354-HOPP**





Mie Lynn Tsujimoto

COFFEE GLOSSARY

Espresso: Refers to the manner in which the coffee is brewed. Authentic espresso is ground Italian Roast coffee brewed in an espresso machine, which forces steam and boiling water through finely ground coffee.

Romano: Espresso with a twist of lemon.

Cappuccino: Espresso with rich head of steamed milk.

Cafe Latte: Espresso with steamed milk and some foam.

Cafe au Lait: Half French Roast and half steamed milk.

Coffee Mocha: Chocolate and espresso with steamed milk.

Cafe Borgia: Espresso and chocolate topped whipped cream and grated orange peel.

two basic types of beans cultivated commercially — arabica and robusta. The richer, and more expensive, arabica beans are sold alone as premium coffees or combined into blends with the less flavorful robusta, resulting in canned

By day, the Phoenix is a popular stop for downtown businesspeople.

coffees you find on the supermarket shelf.

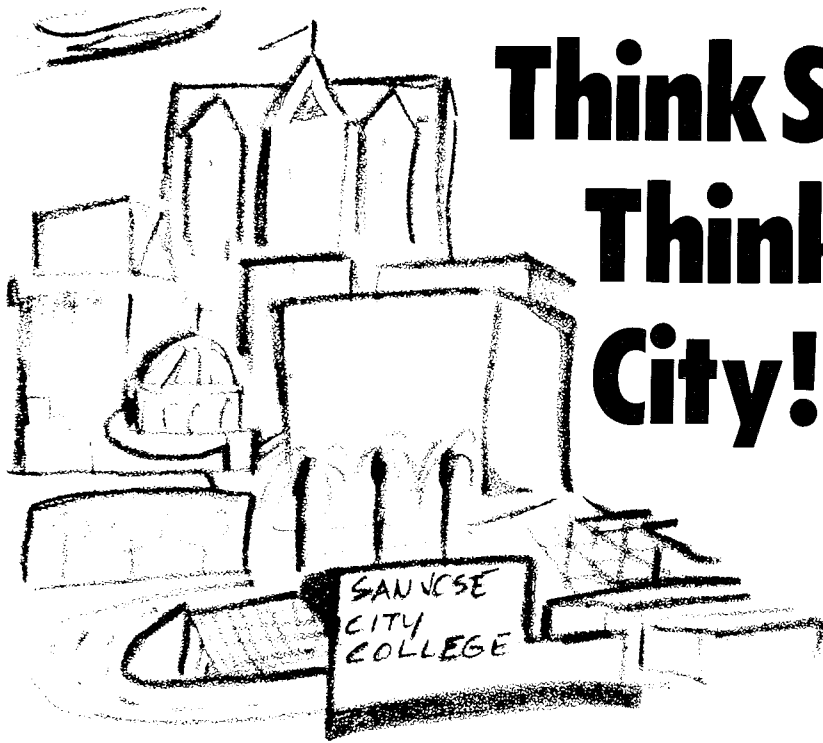
Roasting brings out the aromatic oils and therefore the flavor of the beans. During roasting, sugars in the bean caramelize, creating a rich brown color and a distinctive aroma and flavor. Lighter roasts have a milder flavor; darker roasts have a fuller flavor, sometimes with bitter overtones. There are several fairly standard degrees of coffee roasting, and from light to dark, you may come across: American City, or Brown Roast; Full-City Roast; Viennese Roast; French Roast; and Italian Roast or espresso.

If all that seems a bit complex, don't be afraid to ask questions. Coffehouse personnel are generally experts in their knowledge of the popular drink. With enough experimentation, you will be able to order your own perfect cup of coffee no matter where you go.

Dona Ley Va, a senior journalism major, was features editor of *Access* last semester.

Phoenix Books and Espresso Cafe 17 N. San Pedro St., San Jose

The multi-dimensional Phoenix cafe concentrates on an inter-generational approach toward community renewal. The store's main floor houses an eclectic array of books and magazines. Sharing this space is an espresso cafe featuring high-quality coffee blends and the finest in cafe cuisine. Strategically spaced tables lend refuge to university students and accommodate a hurried lunchtime business crowd. In the magazine nook, a chess table awaits for challenges between local retirees or those with ample time on their hands. The works of contemporary artists grace the walls of an upstairs gallery. A division of the Phoenix is Beau's Annex, a room that is a "home of live jazz and other serious art forms."



Think San Jose... Think City!

Great cities deserve great colleges. For 66 years, San Jose City College has put San Jose on the map. Now, San Jose sports an exciting new look. And SJCC does, too. Make your career just as exciting with:

- easy registration
- small classes
- expert faculty
- the county's most convenient college

SJCC: Now, more than ever—where the action is in San Jose!



**San Jose
City
College**

Register now for Winter Intersession

January 4-23, 1988

call 288-3700 (24 hr. line 288-3739)

2100 Moorpark Ave., San Jose, CA 95128

Think Extra Credits!

SAVE 10% ON ALL MERCHANDISE

(With SJSU ID)

Officially licensed NFL, MLB, NBA merchandise

- Sportswear
- Art collectables
- Gift items including umbrellas, clocks, lamps, posters, pins, and more.

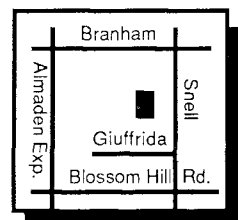
If we don't have your favorite team in stock, just ask and we'll get it if possible.



SPORTS NUT

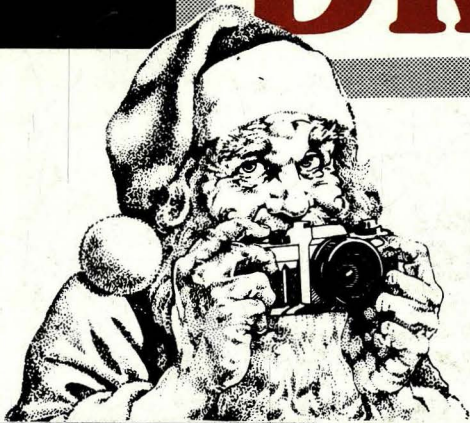
5489 Snell Ave., San Jose
(La Mission Center)
281-4575

Mon.- Wed. 10-8
Th.- Fri. 10-9
Sat. 10-5
Sun. 12-5



Major Credit Cards Accepted

PHOTO DRIVE-UP



Holiday Savings!

Check your local phone book in the white pages for the location nearest you.

COUPON

Color Film Developing & Printing Special

2ND \$1
Set of Prints



When you have your 110, 126, 135 or Disc Color Print Film developed and printed, you can get a second set of prints for \$1.00

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87

COUPON

REPRINTS

for your
110, 126, 135 or
Disc Color
Negatives

19¢

Standard Size



4x6 Prints 24¢

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87

COUPON

SPECIAL!
Blank Video Tape
\$3.99



Your cost per cassette after MFG. rebate when you buy 4 cassettes in store sale price: **\$4.99**

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87

COUPON

Video Movie Rental Special

\$1 Per
Movie
Per
Day

Choose From New Releases

- KARATE KID II
- PSYCHO III
- CLUB PARADISE
- BIG TROUBLE IN LITTLE CHINA and many more!

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87

COUPON

SPECIAL PURCHASE
AGFA 35MM
COLOR PRINT FILM
\$1.99

Maxi 100 ASA
135MM 27 exp.

3 EXTRA
PICTURES FREE

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87

COUPON

COMPACT DISCS

Starting from **\$12.99**

Latest Titles

- Bruce Hornsby & the Range
- Bon Jovi
- Paul Simon
- Genesis

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87

COUPON

COPIES

8 1/2 x 11, White

3¢ ea.

549

APPLICATIONS AVAILABLE
Passport Photos

Offer good ONLY at Photo Drive-Up. Coupon must accompany order. Excludes the use of other coupons. Expires 12-31-87