Cal State graduates who have demonstrated outstanding service to the community or to the university and who have attained distinction in their chosen profession are candidates for recognition by the Alumni Association, which is seeking nominations for its distinguished alumni award. All alumni, faculty, support group members and friends of the university are encouraged to nominate deserving graduates, says director of alumni affairs, Mary Colacurcio, adding that the association will bestow only one award this year and recognize the recipient at Commencement ceremonies June 16. Previously, the association chose to honor graduates from each of the university's five schools. More information is available from Colacurcio at (714) 880-5008 or from Joani Finwall, director of awards, at (714) 886-8252.
When L-I-P-E-N-E Means Octopus

by Sam Romero,
public affairs assistant

These are not typos nor is this necessarily the work of a poor speller. Rather, this example of what educators call "inventive" or "functional" spelling is a better, more efficient way to teach children how to read and write, says Dr. Katharine Busch, assistant professor for the Department of Advanced Studies in education at Cal State.

Sounding out words, recalling how words look and incorporating in their writing known word units, such as prefixes and suffixes, make up the explorative process by which children learn to spell, Busch says. And she is convinced that the process does not include practicing spelling lists.

As a second-grade teacher for many years, Busch found that her students scored high on initial spelling tests only to spell half the words correctly on review tests six weeks later. And last year, she completed a two-year study of the spelling and writing progress made by children at the Hillside University Demonstration School in San Bernardino. That study followed the same group of students, who participated in journal and pen-pal writing, from kindergarten through first grade.

"Writing is really the whole focus," says Busch. "The point is to learn to get your message on paper first" without worrying about the mechanics of writing or conventional spelling, she adds. Inventive spelling techniques are being employed in elementary classrooms throughout the U.S. as well as in Canada.

The importance of getting the message down is evident especially in the work of children who, says Busch, use groups of letters as "placeholders" for words they don't know how to spell. More often seen in the writing of special education students, placeholders have no sound-symbol relationship and are assigned meaning by the writer. One student, for instance, recalls Busch, used the letters "r-a-e-s" to mean jewels and "l-i-p-e-n-e" for the word octopus.

"He (the student) read those words consistently as meaning those things. So that's why it's so important that kids read their writing, and not that we interpret what they say."

Because "education is a partnership among parents and teachers," Busch believes it's crucial for teachers to show parents how inventive spelling is used in journal and pen-pal writing.

"There's no purpose for spelling books," she explains, but parents must see that teachers do "bring children to convention."

While teaching second grade, Busch wrote her students' parents and let them know that the students would be going back to basics — reading and writing. She then posted samples of her students' writing on the classroom walls and invited parents to come in to see their children's work. Sometimes, says Busch, parents would express concern over misspelled words. But Busch would explain that the children merely were demonstrating their knowledge of phonics, and would encourage parents to adopt a different view of misspellings.

"When a student spells 'house' by omitting only the silent 'e,'" she explains, "the word is 80 percent conventionally spelled, not 100 percent incorrect."

The state of California now requires that school curriculums be literature-based, a requirement that Busch says is fostering greater in-depth analysis of writing. Such curriculums, she adds, are more "process-oriented" compared with the product-oriented programs of 20 or 30 years ago.

"I'm saying that a better way (to teach spelling) is having kids write daily. Write, write, write. And the more you (write), the more you worry about how to spell."
The Battle for the Mind
In Search of a Drug Policy

by Sam Romero,
public affairs assistant

In mid-February of this year, President George Bush met with the presidents of Colombia, Bolivia and Peru for the long-awaited drug summit in the South American coastal town of Cartagena. The four leaders talked about ways to control drug production in the Andean nations, and about ways to choke off drug trafficking into the U.S.

Perhaps the most valuable message President Bush brought home was that delivered by President Virgilio Barco Vargas of Colombia. Knowing something of the U.S. propensity to consume, Barco said that all interdictive "tactics pale into insignificance" when placed alongside the benefits of reducing American demand for drugs.

Discussions of how to wage a good war on drugs have been gathering momentum ever since President Bush stepped up anti-drug efforts. While proponents of drug legislation argue that the money now being poured into law enforcement would be better spent on rehabilitation programs, and that drug use, like alcohol use, is a citizen right, some hold that decriminalization, a moderate version of legalization, may be a good compromise.

"I would decriminalize. I would not necessarily deregulate, which is the problem with full legalization," says Dr. Frank Williams, chair of Cal State, San Bernardino's Criminal Justice Department.

"Those drugs that can be shown to be seriously harmful, that generate changes, then those drugs we ought to control." Angel dust and glue-sniffing substances are among those Williams favors regulating.

Despite regulation of such drugs, however, Williams believes that a distorted picture of the dangers of other drugs has been painted by 70 years of government publications, documents based on what he says is "atrocious" research.

"We have no evidence that suggests we have a huge nation of addicts," Williams says. "People perceive illicit drugs — and this is a falsehood — as being detrimental to mind and body, deadly, very addictive." But, in fact, he adds, most Americans using drugs use them recreationally, quit when they want to, and exhibit no significant affects on performance. "I would guess that vastly more (people) are addicted to prescribed drugs, legal drugs."

Heroin is an example of one drug, the dangers of which have been exaggerated, Williams says. "Heroin itself does very little bodily damage. It's one of the cleanest drugs in that sense. The problem with heroin comes from impurities. Heroin will not kill you. So if we decriminalize and regulate production, as we do with prescription drugs, then we will get cleaner drugs at a lower cost."

Decriminalization could be tried, suggests Dr. Dave Bellis, an associate professor of public administration at the university, by beginning with one substance on an experimental basis. Bellis is a consultant for a San Bernardino County methadone maintenance service established for heroin-addicted prostitutes. The goal is to reduce the risk of spreading AIDS through contaminated prostitutes. The goal is to reduce the risk of spreading AIDS through contaminated needles often used to inject the drug.

If heroin were decriminalized, for example, says Bellis, he could enroll 200 active heroin addicts in treatment, provide them with a daily "take-home" dosage and then "evaluate the hell out of the program." Where minors are concerned and where clients are not "hope-to-die" addicts, he favors mandatory rehabilitation sentences rather than jail sentences.

"You have to couple decriminalization with increased funding for treatment and rehabilitation programs. And then it's a diagnostic decision on a case-by-case basis whether a person goes on maintenance or enters treatment." Well-funded treatment programs, says Bellis, as well as education would improve the recovery rate of clients and diminish, if not eliminate, a user's need to steal for drug money. Today, drug addicts commit 80 percent of all burglaries in the U.S.

"You can't rush headlong into it and decriminalize every controlled substance," Bellis says. "You take a small piece. See if it works. There may be unsurmountable problems."

Problems are exactly what opponents of decriminalization predict. Minors comprise about one-third of the drug-taking population. For that reason, and because a black market would still exist for drugs that have not been decriminalized, many believe criminal and social costs would persist. And it makes little difference, says Al Fillon, the assistant regional administrator for
the Department of Corrections in San Bernardino and Riverside counties, whether one is talking about the cost of drugs or of alcohol.

"Changing the name does not change the problem," Fillon says. A 1976 graduate of Cal State, San Bernardino, he serves, along with Williams, on the university's Criminal Justice Department advisory committee.

"Legalizing alcohol has not reduced the cost of it to us as a society," he adds. "The abuse of it has caused a lot of pain and suffering for a lot of people." More than 20,000 Americans are killed each year in drunk driving accidents. Thousands more are injured. Fillon also believes that shootings, muggings and burglaries still will be committed by those involved in the drug culture, or by those who cannot control their drug use.

Up until the early 1900s, such drugs as opiates and cocaine were legal in America, sold over-the-counter in pharmacies. Then, in 1914, an anti-narcotic act was passed and with it was launched the first major war on drugs. Proponents of drug decriminalization note that drugs, alcohol and their abuse have been around for decades and attempts to legislate morality didn't work earlier this century, nor will they now.

"But you can't use history as an excuse," says a university assistant professor of social work, Dr. Andres Duenes. While Duenes agrees that less time and money should be spent on punishing users and more resources spent on treatment, he is cautious about decriminalization.

"Politicians will do that," he continues. "They'll say, 'This (alcohol abuse) has been around for awhile, so it's not like it's something new.' That's even more tragic because if it has been around that long and it's still around and it's not getting any better, that tells us that as a society we haven't come very far."

What health care professionals say could take the country far is not only well-funded programs that offer treatment on demand, but programs that are family-based. Private clinics that currently have such an emphasis and provide follow-up service report a patient recovery rate of 60 to 80 percent.

"Unless you can get entire families in for treatment, treatment systems are pretty notorious for failure," says Dr. Cynthia Paxton, an associate professor of health science at the university. Only after involving the family, she says, can counselors begin to break the generational patterns of addiction. Research is showing that these patterns are a major factor in drug and alcohol abuse.

"It is the environment that supports the behavior. We figure that for every addict there are 14 to 20 'co-addicts' that, via denial, support their (the addict's) behavior." In healthier, more stable families, says Paxton, there is less drug abuse.

A question posed by a policy of decriminalization is: How do you take a clear anti-drug message that was marginally successful when drugs were illegal, and sharpen it in an atmosphere where use is more acceptable, and where the lines of moral demarcation have grown fuzzier?

"I don't know that you can," answers Duenes.

The question posed by any drug policy is whose rights should prevail?

"Our society is a society based on individual freedoms," says Williams. "Like it or not, that is how our political-social structure is set up. The problem is to strike a balance between individual rights and collective rights."

The war that President Barco seemed to allude to at the drug summit, the pivotal battle, is not the one being waged against drug lords, or at loading docks, or on American streets. The real war may be a battle for the mind.

'People find drugs attractive because they make us feel less alone,' says Paxton. "They lessen inhibitions. But in reality there's a numbing kind of experience," and "being under the influence really takes us away from other people." Until Americans act on the belief that a life free of drugs is a healthier life, policymakers, counselors, educators and families could be fighting a war without end.
The ‘Science’ of Love
Psychologist Studies Chemistry of Attraction

by Terrie Jo Snyder,
assistant director of public affairs

Male and female attraction to one another has been long speculated. Is it love at first sight, something in the stars or maybe the pierce of Cupid’s arrow? Everyone seems to have their own opinions on the subject. But what do the researchers say?

One researcher who has conducted a variety of studies looking at interpersonal attraction and social relationships is Dr. Robert Cramer, a social psychologist at Cal State, San Bernardino. Cramer, a faculty member since 1978, recently was named the campus’ outstanding professor for 1990. He is representing CSUSB in the California State University competition to name two outstanding professors in the system.

Topics of his research range from “social foraging,” a look at under what conditions men are viewed by women as acceptable for dating and as potential mates, to a “reinforcement-context theory” which examines how social context can influence who we are attracted to.

In explaining the significance of his research, Cramer says, “Social relationships take place in a social context. It is important to know how the environment influences our feelings and actions. Researchers often focus attention on group interaction, but we need to know how two people relate to one another as well.”

One study entitled “Attraction in Context: Acquisition and Blocking of Person-Directed Action,” was completed in 1985. It explored under what conditions a person becomes or does not become attracted to another in relation to the social context of their meeting. For example, if you meet a stranger and you find them agreeable, you might be attracted to them in a one-to-one setting. However, Cramer discovered a twist to this common finding. If you meet that same stranger in a group comprised of others whom you already find attractive, you are likely not to be attracted to the stranger. Cramer explains the reason for this as “interpersonal blocking.” In other words, your attention to the stranger would be blocked because you are focusing on those around you whom you already find attractive.

Another on-going project, entitled “Human Mate Selection: When Less Is More,” explores “social foraging,” a look at under what conditions men are viewed by women as acceptable for dating and as potential mates. As in the attraction research, Cramer was looking for a twist.

“Most researchers want to know under what conditions a man is perceived as preferred by a woman as datable and mateable,” he said. “In this study we were trying to figure out why less-preferred men are found suitable as dates and mates.”

Personality characteristics of a “less preferred” male show he is dominant, agnostic, politically extreme and frugal. The results were quite interesting. “Men become datable and mateable by default,” said Cramer, “because there are not enough high-preferred men available.” In other words, he continues, “As the number of preferred men decline, those who are available become perceived as more suitable.”

A third study examined male sex roles. Entitled, “Motivating and Reinforcing Functions of the Male Sex Role: Social Analogues of Partial Reinforcement, Delay of Reinforcement and Intermit­tent Shock,” this study was conducted over the past five years. Like the social attraction research, the study looked at what type of men women preferred. The studies have shown that overall, women desire men who are termed “androgynous.” These men exhibit both male and female personality characteristics. For example, an androgynous male is aggressive, assertive and willing to take risks — traditional male characteristics. He also displays certain characteristics often associated with females such as kindness, loyalty and understanding. The research found that the androgynous male was perceived as more likable, more intelligent, more moral and more mentally healthy than a traditionally masculine male.

The study also found that interaction with the androgynous male was rewarding and went on to examine why. Was the androgynous male rewarding in the same way that food rewards us when we are hungry or in the way water rewards us when we are thirsty? Or, was the androgynous male perceived as rewarding because he provided a period of relief from something adverse? What the research found is that the androgynous male was perceived as rewarding because interaction with him provided the female relief from a short interaction with the masculine man.

Thus in an era of evolving roles for men and women, as well as changing norms for socialization patterns, perhaps those in a quest for companionship might benefit from the social psychologists who are getting the dating game down to a science.
New Waves in Language Arts Education

by Terrie Jo Snyder, assistant director of public affairs

Recall the good old days of grammar school when everyone used the same textbook? Or perhaps you remember when reading and writing and spelling often equaled long lists of words to be memorized and sentences to be copied a hundred times? Or maybe you remember hours filled with flash cards and tedious workbooks?

If so, you probably were introduced to reading and writing, the "language arts," through a "skill-based" approach which focused on learning reading, writing and spelling as separate entities. The idea was to make the complex task of language learning as simple as possible by reducing the text material to a simple unit of language. Unfortunately, this sometimes lead to basalts (the reading textbook) that had stilted and unnatural sounding language. And many times, the materials used for teaching language arts such as the "Dick and Jane" readers meant pretty boring stuff.

The new literature-based approach combines literature, reading, writing, listening and speaking skills as a cohesive unit. It focuses on the principle that language is a learned process of communication and that the understanding of function precedes understanding of form. In other words, students are taught to use reading, writing, speaking and listening skills in order to gain meaning and communicate effectively rather than simply learning to "break the phonics code."

According to Dr. Margaret Atwell, associate dean of Cal State's School of Education, "As a result of this new approach, we are seeing kids who are reading more, writing more, and we are seeing a wider range of kids who are able to read."

Atwell says that if you visit a classroom using the new literature-based or "holistic" approach to language arts, you should find more conversation and more cooperative learning than was evident in the traditional classroom which many of us attended. You also will find a clear emphasis on writing even in the early grades — today even first graders are encouraged to write. She adds that such classes are more child centered and the holistic educator often acts as more of a coach than a traditional distributor of knowledge.

Over the past few years, the School of Education has recruited several faculty members with a broad spectrum of expertise in the teaching of reading and language arts including faculty in each of the school's three departments. Atwell comments that, "They represent quite a talent. The school is building a strong reputation for its language arts faculty. Last year's Commission on Teacher Credentialing's review of the Reading Specialist Credential, for
instance, gave it superior ratings and described it as an innovative and model program."

Dr. Adria Klein, acting chair and professor of elementary/bilingual education, explained one holistic strategy she uses with her teachers known as Reader’s Theatre. This technique combines reading and theatre. Simply stated, children read a piece of literature such as a story or poem, are taught a few basic editing skills and are then asked to recreate the story as a script they then use to enact a story scene. Klein describes Reader’s Theatre as a “fun, exciting way to look at literature and to learn.” She adds that, “Reader’s Theatre involves reading, writing, listening and speaking in an integrative language process.”

Another faculty member, Dr. Patricia Tefft Cousin, assistant professor for advanced studies, applies a holistic approach to the area of special education. She notes that, “In a whole language classroom we find kids reading books, writing stories, keeping journals and discussing literature as opposed to a skills-based classroom where they are doing worksheets, using workbooks and using basal (Dick & Jane type) readers.”

Cousin says, “The whole language view of learning focuses (on the concept) that language is a learned process of communication.” For example, traditional educators teach punctuation and grammar first, then teach students to write stories. Whole-language educators do just the opposite. They teach youngsters to write whole stories — whole ideas that convey thoughts and meaningful messages and then deal with the details of grammar and punctuation as part of an editing function.

She notes that recent research examining the holistic approach of teaching special education students has been encouraging. When a whole-language program is used, “standardized test scores significantly increase, a student’s self-confidence increases and there are fewer behavioral problems.” She adds that, “I see the shift to whole language as positive. Teachers become excited and students become excited.”

The literature-based approach also is being used by educators working with students who plan to teach at the middle school and high school levels.

Dr. Irvin Howard, associate professor for secondary/vocational education, works in this area of teacher education and teaches a secondary content reading class.

“I try to teach middle school and high school students to be more knowledgeable about reading as it relates to their subject area,” he says. “I try to instill the understanding that writing is not only found in language arts classrooms, but it happens across the curriculum.” The message is that every teacher is a teacher of reading and writing.

“Today we have interdisciplinary teaching. Math, language arts and social studies come together as a unit. We don’t want to teach any area in isolation,” he continues. “We want the students to see the big picture. They need to see how what is taught in one subject relates to other subject areas.”

Howard adds, “We encourage our teachers to use supplemental materials to support their lessons.” He explains that in traditional classrooms one text was used by everyone and there was less attention to the individual needs and abilities except for those students placed in a high track group. He notes that today schools are moving away from tracking.

“Our goal now is heterogeneous grouping where all skill levels are placed together,” he says. “You now have a full range of ability levels within a single class.” What this means is that you now have a setting where students can help each other and can learn from one another. He says the research shows that this type of setting is much more beneficial to the self-esteem of students. Howard notes that research also indicates that tracking stifled students because it attached a certain stigma to them and discouraged them from excelling.

Another faculty member, Dr. T. Patrick Mullen, professor of elementary and bilingual education, agrees that holistic techniques help increase self confidence among students. “If you can get them loving to read and write in the early grades, you’ve accomplished a great deal,” he says. Mullen believes that today educators are doing a better job connecting the language arts of reading, writing, spelling and listening.

Several other Cal State faculty members have an active interest in reading and language arts education. They include: Dr. Phyllis Adams, professor of elementary/bilingual education; Dr. Barbara Flores, associate professor, elementary/bilingual education; Dr. Joseph Gray, associate professor, advanced studies; Dr. Sherry Howie, associate professor, secondary/vocational education; Dr. Gary Negin, associate professor, elementary/bilingual education; and Dr. Kathy O’Brien, assistant professor, advanced studies.

See Dick. See Jane. See Dick read. See Jane write.

Times in the classroom sure have changed. A new wave of teaching language arts is well underway and educators at Cal State are in the forefront of this exciting and dynamic phenomenon.
Shearer Energy!
Cal State's Three-Sport Athlete a Rarity

by Dave Beyer,
sports information director

She is a coach's dream. She is an equipment person's nightmare. So begins the story of California State University, San Bernardino senior student-athlete Tammy Shearer.

For two years now — ever since the university added women's soccer in 1988 — Shearer has joined the ranks of the three-sport athlete for the Coyotes. Her excellence in her respective sports (she is a starter in soccer, basketball and softball) amazes even her coaches... and leaves the Cal State equipment room staff checking the sports schedule when she appears at the window to check out a uniform. When her teammates from one sport are going home, Shearer can more than likely be found switching equipment for an overlapping practice session.

"Tammy is just an incredible individual," remarks women's soccer coach Ralph Perez. "She is a very quiet, yet very intense leader on the field. She is one of those people you believe can do anything if she puts her mind to it."

"It amazes me how she can keep up the pace of three sports during the year!"

Shearer manages not only to handle the day-to-day routine of her athletic career, but also delivers a local newspaper in the early morning hours and carries a full academic load, as well. However, her triple-play combination at Cal State may be somewhat less hectic than her prep days at Norco High School where she lettered in four sports.

"I see Tammy as a catalyst on any team she plays for," comments CSUSB softball coach Sue Strain. "She may not always grab the headlines, but she will always give 110% of herself. To me, that's the quality of a real star... the unselfishness to let others bask in glory while you just keep doing your job for the good of the team."

However, Shearer is apt to make up for any press that may have bypassed her during soccer and basketball when she takes to the diamond. Shearer is a two-time NCAA All-West Region returnee at second base for the Coyotes and should, according to Strain, make a tremendous impact in 1990.

"I doubt that there is a finer second baseman in the region, or even the nation. I know that's saying a lot, considering that there are many players who do things well. Tammy just seems to do everything well! She is also a very coachable athlete who brings those around her up a notch."

Basketball coach Gary Schwartz echoes the praises for Shearer.

"She just seems to always give it her best shot," says Schwartz. "With all she has going on, she still comes out and plays hard, and then goes on to the next order of business. That disciplined schedule and focus is probably the key to her success."

As she concludes her four years as a part of the CSUSB athletic program, Tammy Shearer has earned her reputation as an athlete who goes beyond the call of duty! Hopefully, she'll be able to remember from which sport the call came.

And if she has any problem, the equipment room staff will be there to point her in the right direction!

Coyotes Close Books on Best Season to Date

by David Beyer,
sports information director

Cal State's women's basketball team saw the curtain come down on what turned out to be a stellar 1989-90 season, losing to the College of St. Thomas 78-49 on Friday, March 2, at the NCAA West Region tournament in Moorhead, MN. The team came back to take the third place game with a 64-53 win over Colorado College the following evening.

The Coyotes finished the year with a 24-4 mark, the most wins ever in the history of women's basketball at the university. Cal State also established a new school record for consecutive victories by winning 22 games in a row before the setback to St. Thomas. These outstandind accomplishments prompted first-year head coach Gary Schwartz to heap praise on his team.

"At the beginning of the year no one expected us to do much of anything," says Schwartz. "But this group would not accept defeat after we dropped a few early games. I think the winning attitude and character of the team is evidenced by the 22-game winning streak.

"Sure, we would have liked to win the game against St. Thomas. But they were an outstanding team and very well-coached, not to mention physically gifted. Losing to a team of that caliber is no crime.

"I am proud of our team and hope that they come to realize just what a fine season they had," concludes Schwartz.
Spring Calendar of Events

From cultural and performing arts events to athletic contests, Cal State, San Bernardino offers a variety of family entertainment and activities for the community-at-large. Keep this quarterly calendar handy and come out to the campus and enjoy.

(All sports events listed are home games.)

**APRIL**

1

**Poetry Reading.** Gary Soto, an important author of contemporary Chicano poetry and prose, will be reading his own poetry. Sponsored by Intellectual Life. 6 p.m., Sycamore Room, Lower Commons. Free. (714) 880-5826.

5-7, 12-14

**17th Annual Renaissance Banquet.** Dinner and music featuring highlights from Mozart's "Cosi fan tutte" and Haydn part songs will be performed by the Chamber Singers. 7 p.m., Upper Commons. $25 per person; reservations required. (714) 880-5859.

6

**Men's Tennis.** California Baptist College, 2 p.m.

7

**Men's Tennis.** Loyola Marymount University, TBA.

**Men's Tennis.** California Lutheran University, TBA.

9

**Talk.** "Current Issues in Lesbian and Gay Rights," by Dr. Craig Henderson, assistant to the vice president, Student Services, CSUSB Women's Studies Lunchtime Speaker Series. Noon-1 p.m., Sycamore Room, Lower Commons. Free. Bring "brown bag" lunch; coffee and tea offered. (714) 880-5503 or 880-5516.

**Women's Tennis.** Christ College, 2:30 p.m.

10

**Men's Tennis.** Occidental College, 2 p.m.

**Women's Tennis.** Point Loma College, 2 p.m.

**Women's Softball.** California Baptist College; double header, 2 & 4 p.m.

11

**Men's Tennis.** Point Loma College, 2:30 p.m.

**Talk.** "International Research on the Culture-Fair Assessment of Creative Potential," by Dr. Hans Jellen, associate professor, Department of Secondary and Vocational Education, CSUSB School of Education Colloquium Series, 6:30 p.m., Sycamore Room, Lower Commons. Free. (714) 880-5616.

13, 14, 18-22

**Play.** "Masquerade," the music of Andrew Lloyd Webber, sung by the unforgettable characters from his hit shows. 8:15 p.m. curtain on all dates except April 22, which is a 2 p.m. matinee, University Theatre. General admission $6, students and senior citizens $3. (714) 880-5876.

16


16-5/25

**Art Exhibit.** "Aquí Estamos... Y No Nos Vamos." ("Here we are and here we stay.") Exhibit of contemporary Chicano art. Reception for contributing artists on April 20, 7-9 p.m., will feature an improvisational presentation of poetry, music and art. University Art Gallery, Visual Arts Building. Gallery hours: 9 a.m.-noon, 1-4 p.m., Monday through Friday. Free. (714) 880-5810.

17

**Talk.** "The Human Population Dilemma," by Ann Ehrlich, senior research associate in biology, associate director of the Center for Conservation Biology, Stanford University, and co-author of numerous books with her husband, Dr. Paul Ehrlich, noted ecologist and population biologist and professor, Stanford University. Sponsored by Intellectual Life in association with Earth Day celebrants and Department of Biology. 7 p.m., University Gymnasium. Free. (714) 880-5313.

17, 18


18

**Talk/Luncheon.** Jack H. Brown, Chairman, CEO and President of Stater Bros. Markets, will be honored for outstanding leadership in the business world by the graduate division of the School of Business & Public Administration, as part of its first Arrowhead Distinguished Chief Executive Officer Lecture Series. Mr. Brown also will be the luncheon speaker. Noon, Upper Commons. $25 per person. (714) 880-5700.
19
Fair. Annual “Career Opportunities Fair” making private industry and government representatives available to discuss career opportunities, answer questions and distribute materials concerning their respective organizations. 9 a.m.-2 p.m., University Gymnasium. Free. (714) 880-5250.

Men’s Tennis. Southern California College, 2 p.m.

Women’s Tennis. Mount St. Mary, 3 p.m.

21
Expo. “4th Annual Inland Empire Environmental Expo,” a celebration of Earth Day and John Muir’s birthday, with a special theme, “Water: Earth’s Precious Resource.” Events will include: exhibits by environmental agencies and organizations; Hands-on Activity Roundup for parents, teachers and children; teacher workshops with environmental films, Room 129, University Gymnasium; Nature Bowl, a competitive contest on environmental knowledge for students in grade school; and art and photo contests. A water-issues forum will be held at 1:30 p.m., Panorama Room, Lower Commons. In “Meet John Muir,” school teacher Frank Helling will portray the famous conservationist ‘hero’ at 2:30 p.m., Student Union Multipurpose Room. All above activities are free. Times and locations not listed, TBA. (714) 880-5640. The “1st Annual John Muir 5K, 10K Run and 2K Walk” is planned for 7:30 a.m., 8 a.m. and 9:30 a.m., respectively. Entry fees are $13 for the 5K and 10K and $5 for the 2K. T-shirts included with fees. Location, TBA. (714) 880-5235.

Banquet/Dance. Association of Hispanic Faculty & Staff will host a banquet and dance with music by “Night Life,” as part of Cinco de Mayo activities. Scholarships will be presented to Hispanic students. 7 p.m., San Bernardino Hilton Hotel. $30 per person. (714) 880-5188.

24
Workshop. “A World of Difference” trainers’ workshop for middle grade educators in San Bernardino and Riverside counties. 8 a.m.-3 p.m., Panorama Room, Lower Commons. $7 per person. (714) 880-5620.

26
Talk. Luis Valdez, Hispanic writer, director, and composer of such hits as “Zoot Suit” and “La Bamba,” will speak on “Theatre and Literature of Latin America,” 3 p.m., Recital Hall, Creative Arts Building, and on “The Emergence of the Hispanic Artist,” 7:30 p.m., Upper Commons. Free. (714) 880-5042.


27-29
Spring Student Dance Concert. Dance Images, a club comprised of CSUSB students, will choreograph and dance to the program entitled “Echoes of the Past, Murmurs of the Future.” 8 p.m. on April 27-28; 1 p.m. matinee on April 29, Recital Hall, Creative Arts Building. Free to CSUSB students, staff and faculty. Adults $6; students with I.D. and seniors $3. (714) 880-5351.

27
Dance. “Cinco de Mayo Queen Coronation Dance’ with music by Los Genny’s. Sponsored by Latino Business Students Association and M.E.Ch.A. 8:30 p.m., Upper Commons. Admission fee, TBA. (714) 880-5745.

29
Trip to Catalina Island. One-day trip includes island tour and glass bottom boat tour. Alumni Association invites alumni, staff, faculty and friends of CSUSB to join them. Bus leaves at 6:30 a.m. and returns at 8 p.m., Cal State parking lot. $47 per person. (714) 880-5008.

30

MAY
1
Concert. Mexican folk music will be provided by Agustin Lira y Grupo Musical Alma, as part of Cinco de Mayo activities, 7:30 p.m., location TBA. Free. (714) 880-5745.

2

4
Cinco de Mayo Celebration. All-day event featuring food booths at 11 a.m. and entertainment every hour. A “folklorico” dance group, noon. Xipe Totec, Aztec dancers, 2 p.m. Groups providing Mexican music, 1 and 3 p.m. Son Cuatro, musicians performing Mexican folk songs, TBA. Further details on entertainment, TBA. Lower Commons Plaza. Free. (714) 880-5745.
10 
**Spring Festival.** "Battle of the Clubs," featuring live music, food, game competition and booth displays by student organizations. 11 a.m., grass area between Student Union and Creative Arts Building. Free admission. (714) 880-5234.

14 
**Talk.** "Food Aversion Conditioning: a Learning Model for Dietary Selection," by Dr. Stuart Ellins, professor, Department of Psychology, CSUSB. Noon-1 p.m., Sycamore Room, Lower Commons. Free. Bring "brown bag" lunch; light refreshments provided. (714) 880-5058.

15, 16 

18 
**College Honors Breakfast.** San Bernardino Area Chamber of Commerce will be honoring Dr. Robert Cramer, Department of Psychology, and Dr. Daniel Whitaker, Department of Foreign Languages, CSUSB, as outstanding professors. Also honored will be two professors each from the University of Redlands, San Bernardino Valley College and Crafton Hills College. Featured speaker, TBA. 7:30 a.m., Upper Commons. $10 per person. (714) 880-5975.

19 
**Spanish Pronunciation Contest.** High school students from the San Bernardino and Riverside areas will be competing in different levels, from beginners to native speakers, by reading from Spanish-language texts. 8:30 a.m., Room 10, Physical Sciences Building. Free. (714) 880-5847.

**Conference/Workshop.** "Spring Leadership Conference," to train and develop CSUSB students to be leaders on campus and beyond their school years. 9 a.m.-4 p.m., Lower Commons. Free. (714) 880-5234.

21 

23 
**Conference.** "Career Day for Special Education," to expose special education high school students from San Bernardino and Riverside communities to career and training opportunities and options available to them. More than 120 public and private businesses and institutions will make presentati-

tions, demonstrations and informal discussions. Over 2,000 students are expected to attend. 9 a.m.-1 p.m., Lower Commons, University Theatre, Student Union Multipurpose Room. Free. (714) 880-5685, Dr. McNair; (714) 387-4409, Ms. Koleszar; or (619) 243-1240, Mr. Ast.

**Symposium.** Dr. Thomas Moody, associate professor, Department of Philosophy, will be speaking. The Philosophy Symposium's purpose is to bring faculty and students up-to-date on the discipline. 6 p.m., Pine Room, Lower Commons. Free. (714) 880-5870.

**Musical Theatre & Dinner.** The Arab/American Theatre will have a band performing Arabic and American music, with belly dancers, a comedic play and dinner. 7:30 p.m., Upper Commons. $40 per person. Tickets available at ASI Box Office, Student Union, (714) 880-5933. Theatre information, call Teresa at (714) 682-8861, 8-10 a.m., after 4 p.m.

**Festival.** "Music of the Americas" will focus on North American music and composers with an emphasis on Canadian music with R. Murray Schafer and Maynard Ferguson, artists of international reputations. Mr. Schafer is a noted composer, conductor, clinician and lecturer. Each afternoon throughout the week, he will conduct clinics, workshops and panel discussions, which will be open to the public. Mr. Ferguson is one of the most famous jazz trumpeters of our time. He and his "Big Bop Nouveau" band will appear Sat., June 2 from 9 a.m.-2 p.m. as judges in a high school jazz band competition. The Ferguson band will perform two sets from 3-5:30 p.m. The band competition will be free; admission for the Ferguson band will be $10 for adults; $5 for students and senior citizens and a 20% discount to members of the Alumni Association.
Throughout the week, the CSUSB Symphonic Band, Faculty Woodwind Quintet and Concert Choir will be joined by high school bands for free performances, each featuring at least one American and one Canadian composition. The festival performances will be outdoors. Lower Commons patio. The location of Mr. Schafer's appearances and the specific musical groups and times of performances will be announced. (714) 880-5859.

31-6/1
Conference. "The Challenge of Growth in California and the Inland Empire: Shaping Solutions for the 1990s." Co-sponsored by CSUSB; Cal State Polytechnic, Pomona; Inland Empire Management Center and Department of Urban & Regional Planning. 8 a.m.-4 p.m., 5/31 and 8 a.m.-2 p.m., 6/1. Red Lion Inn, Ontario. (714) 880-5975.

JUNE
1, 2, 6-10
Play.”Tartuffe;” the theatre’s funniest hypocrite in one of Moliere’s most hysterical comedies. 8:15 p.m. curtain on all dates except June 10, which is a 2 p.m. matinee, University Theatre. General admission, $6, students and senior citizens $3. (714) 880-5876.

4
Talk. "Preliminary Analysis of Gender Bias in SETEs," (Student Evaluation of Teacher Effectiveness) by Dr. Loralee MacPike, associate dean, School of Humanities, CSUSB Women’s Studies Lunchtime Speaker Series. Noon-1 p.m., Sycamore Room, Lower Commons. Free. Bring “brown bag” lunch; coffee and tea offered. (714) 880-5503 or 880-5516.

8-7/20
Student Art Show. Artworks by CSUSB students. Opening reception and Art Department Open House: June 8, 7-9 p.m. University Art Gallery, Visual Arts Building. Gallery hours: 9 a.m.-noon, 1-4 p.m. Monday through Friday. Free. (714) 880-5810.

20
Seminar. “Profits from Real Estate in the ’90s,” will be conducted by Joe White, Gary Clark and Chuck Felton, local investment realtors. 9 a.m.-1 p.m., Upper Commons. $25 per person includes workbook and cost of seminar; does not include lunch. (714) 880-5730.

JULY
The Sixth Annual Summer Entertainment Series. Performances (July 11 to August 29) will be held at 7 p.m., Lower Commons Plaza.

11
A musical review of popular hits from today and yesterday to be performed by The GTE Connection, employees of GTE.

17
Dennis Doyle and Friends will perform old and contemporary British Isles music, primarily Irish. Aisling, an Irish group, will be opening act.

25
Pandemonium, the best in steel drum bands, will use authentic Caribbean instruments to perform the island music.

AUGUST
1
Down home, good-time blues in the tradition of T-Bone Walker and B.B. King will be performed by Tom Ball and Kenny Sultan. Sponsored by National Endowment for the Arts and the California Arts Council.

8

15
Westwind Brass features popular hit songs and classical concert favorites.

22
Jazz music by The Raymond Torres Band will feature keyboardist extraordinaire, Raymond Torres-Santos, CSUSB professor of music.

29
Big-band sound with a salsa beat will be provided by The Latin Society, Inland Empire’s most popular big band.

For more information on athletic contests, call (714) 880-5011. For further information on any event, call the phone number listed after its description.

We recommend that you call ahead to confirm a scheduled activity in the event that changes occur that are beyond our control.

The Public Affairs Office.
Alumni Attractions

Whether your college days offered an abundance of "outside activity" or you can only remember "bookin' it," the Alumni Association is developing opportunities for you to reunite with former classmates and attend special events in the future.

April 29
Catalina Island
Alumni, faculty, staff and friends are invited on a one-day trip to Catalina Island.

Depart: Bus leaves 6:30 a.m. from the Cal State parking lot
Return: 8 p.m. to Cal State
Cost: $47 per person (includes island tour in the morning and glass bottom boat tour in the afternoon)

May 17
CSU Night at the Joffrey Ballet, Dorothy Chandler Pavilion, Los Angeles
6:30 p.m. Reception for CSU alumni, faculty, staff and friends
8 p.m. The Joffrey will perform Eugene Loring's "Billy The Kid," Gerald Arpino's "Trinity," and Edward Stierle's "Lacrymosa."
Cost: Tickets range from $28 to $40.
Transportation is on your own.

Sept. 30
Campus Picnic
Enjoy the scenic expanses of the campus and a myriad of activities for children and adults, including outdoor sports, races, games, food and entertainment. Alumni, faculty, staff, students and friends gather for a family-oriented day that heralds the beginning of the academic year.

Oct. 28
Day at the Races
All bets are off on how many more folks will play the ponies when the Alumni Association caravans to Santa Anita raceway for its traditional Day at the Races. Last year the response prompted the association to order another bus.

Jan. 1, 1991
Rose Bowl Parade
Spend New Year's Day in sunny Pasadena when the Alumni Association makes its second trip to view the panoramic parade.

More information and details are available from Mary Colacurcio, director of alumni affairs, (714) 880-5008.

INFORMATION/ORDER FORM
(please print)

NAME ____________________________
ADDRESS ____________________________
CITY _____________________ STATE _______ ZIP ______
DAY PHONE ( ) ________________________
EVENING PHONE ( ) ________________________
SOCIAL SECURITY NUMBER ________________________

Please send me information on the following or reserve _______ places for:

______ Catalina Island, April 29, $47 per person (check is enclosed)
______ Joffrey Ballet, May 17
______ Summer Entertainment Series
______ Campus Picnic, September 30
______ Day at the Races, October 28
______ Rose Bowl Parade, January 1, 1991

Enclosed is my check for $___________ payable to CSUSB Alumni Association.
or charge my _______ VISA _______ MASTERCARD

Credit Card Number ____________________________
Expiration Date ____________________________
Signature ____________________________

Amount $ ____________________________ (event)

Call 714/880-5008 with questions.

MAIL TO:
California State University
Alumni Affairs Office
5500 University Parkway
San Bernardino, CA 92407
Nominations for Alumni Board of Directors

This year, four officers and three directors of the Alumni Association will be elected for a two-year term running from July 1, 1990 to June 30, 1992. The officers are president, 1st vice president, 2nd vice president and secretary-treasurer. The officers have the customary duties for their respective offices with some specific additional duties: the 1st VP is responsible for liaison with the community and the 2nd VP is responsible for liaison with the campus community.

Each of the directors will be assigned to chair one of the standing committees. The Scholarship Committee sets the application schedule, reviews all applications and selects recipients, and recommends the award amounts for the following fiscal year.

The Membership Committee establishes the time line and materials for membership activities, reviews dues with recommendations to the board, and prepares a membership activity expense budget. The Finance Committee reviews the overall budget with the secretary-treasurer, and, with the alumni affairs director, also assists in preparing the annual budget, and recommends category changes to the board.

All board members are expected to attend six board meetings during the year as well as devoting the necessary time between meetings to their committee responsibilities. Nominations can be submitted to the Alumni Affairs Office, CSUSB, 5500 University Parkway, San Bernardino, CA 92407 by April 27.

Alumni Chapter News

Two $250 scholarships are waiting in the wings for students who are working toward a credential or a master's degree in the field of education. More information on the Education Alumni Chapter scholarships is available through the Financial Aid Office (714) 880-5221.

The Business and Public Administration Chapter may offer up to three merit scholarships to outstanding undergraduate and graduate students in Cal State's business school. Nominations are being solicited through the faculty; the scholarships will be presented at the annual June awards banquet of the school's Board of Councillors.

The alumni business chapter also held a mixer for faculty, graduates and students Feb. 2. All guests had a chance to view the models of the proposed School of Business and Information Sciences Building and hear a report from the architect on the details of the building.

Marketing Yourself

Looking to make a career move? Got the job-hunting blues? Cal State may have the antidote in several free workshops, which are open to the public, during spring quarter. More information is available from the Career Development Center (714) 880-5250.

<table>
<thead>
<tr>
<th>Topic</th>
<th>Date</th>
<th>Time</th>
<th>Place</th>
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</thead>
<tbody>
<tr>
<td>Career Change</td>
<td>May 2, 9</td>
<td>6 p.m.</td>
<td>Student Union</td>
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<tr>
<td>Workshop Series (attend both)</td>
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<tr>
<td>Career Choice Workshop</td>
<td>April 18</td>
<td>4 p.m.</td>
<td>Student Union</td>
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<tr>
<td>Interviewing Skills</td>
<td>April 9</td>
<td>3 p.m.</td>
<td>All in Student Services, 155A</td>
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<td>Workshop</td>
<td>April 16</td>
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<td>April 23</td>
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<td>April 30</td>
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<td>Mid-Life/Re-Entry Career Choice Workshop</td>
<td>May 3</td>
<td>1 p.m.</td>
<td>Student Union</td>
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<td>Networking Workshop</td>
<td>April 17</td>
<td>6 p.m.</td>
<td>Student Union</td>
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<td>Resume Writing Workshop</td>
<td>April 10</td>
<td>2 p.m.</td>
<td>All in Student Services, 155A</td>
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<td>May 8</td>
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<td>June 5</td>
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<tr>
<td>Resume Writing Workshop for Teachers</td>
<td>April 5</td>
<td>6 p.m.</td>
<td>Student Union</td>
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<tr>
<td>Skills Assessment</td>
<td>May 24</td>
<td>4 p.m.</td>
<td>Student Union</td>
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</table>

The Career Development Center also offers 24-hour hotlines for teaching positions (714) 880-5251 and business/industry/government employment opportunities (714) 880-5252.

Last Call for Alumni

Cal State graduates who've chosen to be listed in the university's first souvenir alumni directory will receive a phone call later this month from the Harris Publishing Co. Representatives will be double-checking the accuracy of the information listed, which will be sorted alphabetically by name, class year and geographical location, in separate reference sections of the book. Interested alumni may reserve copies of the directory when a Harris representative phones. More information about the alumni directory is available from Mary Colacurcio, director of alumni affairs, (714) 880-5008.
Update on Cal State

PSYCHOLOGY SPOTLIGHT — In the nine years that the San Bernardino campus has been soliciting nominations for the CSU systemwide Outstanding Professor awards program, the Psychology Department has nabbed the recognition at the local level four times, and one professor, Diane Halpern, went on to win the statewide competition, which selects two outstanding professors from the 19 established campuses each year. Other San Bernardino psychology faculty honorees have been Fred Newton ('81-'82), Lynda Warren ('87-'88), and Robert Cramer ('89-'90).

ORIGINAL PLAY HONORED — "Ethel," the original one-woman musical co-authored by Dr. William Slout, professor of theatre arts, and senior Val Limar, received the Kennedy Center-American College Theatre Festival's Meritorious Achievement Award during the western regional competition in Santa Barbara, Feb. 16-17. The only one-person play ever to be selected for the competition, "Ethel" did not advance to the national contest level. Limar, who starred in the play, received the Meritorious Achievement Regional Acting Award and was honored as an Irene Ryan Semi-Finalist.

TAX TIME — As the dreaded April deadline looms for filing taxes, persons considering the accountancy profession may be interested in the two new concentrations in taxation and professional accountancy now available through Cal State's graduate program in business administration. The concentrations consist of five courses each, which, coupled with the seven core classes required of all MBA students, will total the 48 units necessary for the master's degree. The first of the new classes will be offered through the Accounting and Finance Department in fall 1990. More information is available at (714) 880-5704.

TEACHING BOOST — Teaching techniques at Cal State are being infused with more than $50,000 in new grant money aimed at assisting classroom instruction. Nineteen grants, awarded by a newly appointed Committee on Instructional Quality, are intended to encourage development of curriculum and instructional techniques that can be shared with other CSU faculty. "They differ from other grants," notes committee chair Dr. Jerrold Pritchard, "in that they attempt to give special attention to improving the quality of education a student receives, rather than providing funding for pure research."

NEW PH.D. TRACK — Two students from the San Bernardino campus are among 51 CSU undergraduates selected for a new pre-doctoral assistance program designed to facilitate the transition of minority, disabled and women students into graduate-level study. They are: Val Limar, a theatre arts major, and sociology major William Howard. Both will travel to national conferences, meet with faculty sponsors and inquire about doctoral programs. They also have the opportunity to do summer research at a doctoral institution. They were chosen from 300 entries statewide.

EDUCATION KUDOS — Two major teacher education efforts at Cal State have earned recognition. The Hillside-University Demonstration School — a San Bernardino elementary school which implements contemporary curriculum and teaching methodology through Cal State faculty input — is a co-winner of the 1989 Quality of Education Award from the California Council on the Education of Teachers. Additionally, a film about the environmental education program at Kimbark Elementary School in Devore, which is facilitated by Cal State faculty, was honored by the Southern California Cable Association as the best educational film broadcast on area cable stations.

Earth Week Awareness

Acid rain, greenhouse effect, ozone depletion, toxic emissions, global warming, hazardous waste, endangered species.

It's hard to pick up a newspaper or listen to a broadcast these days without mention of these and other issues of environmental concern. In fact, concern for our environment and the need to protect our planet have been echoed in educational, political and scientific circles since the first Earth Day was celebrated 20 years ago. Today, recent events such as the Huntington Beach oil spill vividly illustrate how man is affecting his environment.

During the week of April 16, 1990, Earth Week will be observed at Cal State, with a focus on increasing environmental awareness in our community. According to Dr. David Polcyn, professor of biology, "Earth week aims to educate people that what we do every day and take for granted can really cause global problems."

Polcyn is serving as campus coordinator for Earth Week 1990.

A presentation by world-renowned ecologist Anne H. Ehrlich will highlight campus activities. She will discuss human population ecology on Tuesday, April 17, at 7 p.m. in the university gymnasium. The presentation will explore the history and projected future growth of the human population and look at how population affects resource consumption and availability.

Ehrlich serves as senior research associate in the Department of Biological Sciences at Stanford University. She has co-authored many books with her husband, Paul R. Ehrlich, a noted expert on ecology and evolution who authored "The Population Bomb."

Nationally, Earth Day 1990 will be celebrated on April 22. Polcyn describes Earth Day as "a time when we stop to think about what we are doing to the Earth and what the results of those actions can be." He states that "Earth Day activities try to promote awareness that what we do on a day-to-day basis can potentially cause environmental problems."
June Ballot Measures To Impact CSU System

The California State University faces serious financial shortfalls if two ballot measures affecting funding for university operations and construction are not approved by voters during this year's elections.

What is Proposition 111?
Proposition 111, officially entitled "The Traffic Congestion Relief and Spending Limitation Act of 1990" will appear on the June 5 California ballot. It gives voters the opportunity to amend the state constitution to modify the Gann state spending limit and allows the state to raise the gasoline tax and truck fees to fund highway improvement and mass transit projects.

What is the Gann Spending Limit? How Does it Affect the State Budget?
In 1979, voters passed Proposition 4 which set a spending limit for California government based on state population growth and the national consumer price index. Since then, California's booming economic and population growth have far surpassed the state's ability to maintain services and programs under the financial restraints imposed by the Gann limit. In order to maintain today's level of services, the state budget needs to grow by about 7.7 percent. Under the current formula, state spending can only grow by approximately 6.9 percent.

How Would Prop 111 Affect State Spending?
Passage of Proposition 111 will permit the state budget to increase by about 8.7 percent by using a funding formula which more accurately reflects California's growth. This budget increase will parallel the rate at which the state receives revenues.

Why is CSU Interested in This Measure?
To meet the educational needs of California residents, the CSU will need to grow. To support this growth, additional funding will be required. The passage of Proposition 111 will enable the state to provide more money to help the university maintain its commitment to a quality education for California's citizens.

How Will Proposition 111 Affect CSU?
CSU estimates that by the year 2005 its student population will grow by an additional 180,000 persons. Even today, the state is unable to fund all of the programs, services and facilities requested by the university to conduct and improve its educational activities. The university estimates that unless the state spending limit is raised, by the year 2000 the CSU will lose the opportunity to spend nearly $400 million which otherwise would be available for carrying out instructional programs.

How Will Proposition 111 Affect School & Community College Funding?
Under Proposition 98, California public schools and community colleges are guaranteed at least 40 percent of the state budget. The measure also allows that percentage to gradually increase. During the years when revenues exceed the state spending limit, rebates would be required first to go to schools and then to the public. In low revenue years, schools would be exempt from budget cuts. Proposition 111 would ensure that schools and community colleges continue to receive at least 40 percent of the state budget. However, in low revenue years, all state agencies, including schools, would share budget reductions equally.

Who Supports Proposition 111?
The CSU Board of Trustees has joined bipartisan leaders and organizations in endorsing Proposition 111. These include: the California Taxpayers Association, the California Chamber of Commerce, the League of California Cities, the California Manufacturers Association, the University of California, the California Community Colleges, Governor George Deukmejian and State Superintendent of Public Instruction Bill Honig. The bill was authored by Senator John Garamendi.

What Other Legislative Issues Will Impact CSU?
The Higher Education Facilities Bond Act of 1990 also will appear on the June 5 ballot. Identified as Proposition 121, this measure will place a $450 million general obligation bond for higher education construction and equipment before the voters. If passed, CSU would receive approximately one-third of the revenue from the bond sales, which would go toward the 1990-91 and 1991-92 capital outlay program. The remaining two-thirds would be divided among the University of California and the community colleges. CSU's current five-year capital outlay budget is projected at $1.4 billion.

Passage of the bond issue is important to the San Bernardino campus because several planned facilities expansion projects, such as the John M. Pfau Library addition, expansion of the Physical Education Building and construction of the new Visual Arts Building, are contingent upon its success.
ALUMNI NOTES

1969

Bill Christelman, B.A. history, has been appointed acting principal at Sierra High School. He is working on a counseling/pupil personnel credential from U.C. Riverside, and has an M.A. in school administration from Pepperdine University.

Jo Ann Johnson, B.A. mathematics, retired from the Riverside Unified School District in 1986. She currently is active with volunteer work in organizations such as the Grand Terrace Seniors and Citizens Patrol, and is enjoying her retirement.

1970

Paul M. Bryant, Jr., B.A. political science, was appointed to the State of California Supreme Court for the County of San Bernardino on Sept. 26, 1989. He will sit at the Foothill Law and Justice Center in Rancho Cucamonga.

Tony Chavez, B.A. sociology, B.A. administration '75, the owner of All-Star Trophy Co. in San Bernardino, is the newly installed president of the Inland Empire Hispanic Chamber of Commerce.

Thomas M. Fitzpatrick, B.A. history, was named the new California State University Public Safety Administrator effective Jan. 31, 1990. Fitzpatrick has had 11 years of experience in the public safety arena in the communities of Simi Valley, Upland, and most recently Cerritos. He has a master's degree in public administration from the University of Southern California.

1971

Luis Gomez, B.A. Spanish, M.A. education '75, recently was appointed by the San Bernardino Valley Community College Board of Trustees to the position of dean of student services at Crafton Hills College. Previously, he was the assistant dean of student services at Crafton. He also serves on Cal State’s presidential Advisory Board.

Jim Robertson, B.A. sociology, is the principal of White Oak School in Westlake Village, CA. He also is a consultant for the Malibu Conference Center. He lives with his wife, Jeanne, in Thousand Oaks, CA.

1972

John Ruiz, B.A. business administration, is a personnel accountant for the City of Riverside.

1973

William P. Gill, Jr., B.A. administration, is a self-employed certified public accountant in Victorville.

Adolfo "Chico" Porras, B.A. administration, M.B.A. '77, was appointed San Bernardino County Assistant Assessor on Jan. 5, 1990. He formerly was the chief appraiser for the Office of the Assessor. He and his wife, Linda, reside in Fontana.

1974

T.M. McCombs, B.A. chemistry, is a senior medical officer and head of Family Medicine at the Naval Air Training Station in Beeville, TX. He continues to play classical guitar and still is competing in the martial arts.

1975

Thomas Laurin, B.A. geography, the county director of economic and community development, has been elected to the board of directors of the National Association for County Commission and Economic Development.

1976

Richard E. Scott, B.A. history, retired in 1985 from his civil service position at Norton Air Force Base. He worked in the Personnel Department of the 445th group.

Nellie Sehestedt, B.A. Spanish, M.A. special major '82, is a part-time instructor at College of the Desert. She also teaches Spanish at Copper Mountain campus in Joshua Tree.

Danny W. Thomazin, B.S. physics, is a retired employee of AT&T.

1977

Edward C. Bolin, B.A. business management, is a general foreman for Southern Pacific Transportation Co. in Los Angeles.

Lou Denti, M.A. psychology, co-authored with Kevin Feldman the P.R.I.C.E. (Positive, Responsible, Influence, Consequences and Encouragement) parenting program. The two offer annual training and parenting workshops throughout the Inland Empire. Denti and his wife, Lisa, live in Riverside.

Yvonne Lowrance, M.A. education, is the assistant principal for the Preston Elementary School in the Rialto Unified School District.

Roland St. Louis, B.A. business administration, is a sales representative for Commonwealth Land Title Insurance of San Bernardino.

1978

Stuart W. Avery, B.A. special major, is a senior partner for MBAV Financial Resources Group in Camarillo.

Michael J. Gilligan, B.A. business administration, is an attorney for Reid and Hellyer in San Bernardino.

Ted F. Hopkins, II, B.A. business administration, is the vice president for Pacific Irrigation Supply in Laguna Hills.

Dean McIntyre, B.A. music, recently published a book, "Song Leading," dealing with all aspects of worship and music in the local church. The book was published by the national division of the United Methodist Church in Nashville.
Robert (Bobbie) Terrell, M.A. education, is a school psychologist for the Jurupa Unified School District.

Melinda Toler, B.A. business administration, is the production manager for Tender Hearts in Riverside.

Steven Bruce Wick, B.A. administration, is a producer for the Jordan Company in San Bernardino.

John Wiley, B.A. social sciences, M.A. administration '84, has returned from Oklahoma and now is living in Riverside. He is currently the administrative director of mental health at San Bernardino Community Hospital.

1979

Carmen Hernandez, B.A. liberal studies, M.A. education '83, is enrolled in Cal State's new graduate social work program.

Donald G. McNeil, B.A. business administration, is a self-employed certified public accountant.

Peter Sterling, B.A. administration, is employed at the Bank of Santa Maria in the Agricultural Division. He will be involved in agricultural lending for the bank.

1980

Carol A. Clark, B.A. business management, is employed by the City of Riverside as a principal accountant.

Aldrich Famisaran, B.A. business, is a purchasing agent for the Loma Linda University Medical Center.

Marilyn Heavilin, B.A. liberal studies, now has authored three books, Roses in December, December's Song and Becoming a Woman of Honor. She also is the compiler and editor of the recently published The Best of Florence Littauer.

Karen Higgins, B.S. biology, is the head of the flow cytometry department at DAKO Corporation, a manufacturer of medical diagnostic reagents. She is responsible for the research and development of new products as well as quality control of existing products for flow cytometry. She lives in Santa Barbara.

Emmanuel L. Humphries, B.A. psychology, M.S. psychology '82, is a licensed MFCC. He coordinates a county-wide program involving the referral of special education children for mental health services in order to benefit from their educational program.

David Kovitz, B.A. art, is an instructor at Chaffey College. He also is a welder for Richards Metal Fab, Inc.

Robert LeRoy, B.A. art, is a local filmmaker who recently completed a 15-minute documentary about growing up in Colton. "Hub City Heroes" is a "harsh introspective, in a way, of a small group of people growing up in a small community and the restrictions that it has upon them," LeRoy says. LeRoy hopes to start a film intern program for minority and low-income high school and college students. LeRoy's next film, "Oasis," a psychological suspense thriller, will be shot locally and in Los Angeles.

Joe P. Muga, B.A. psychology, completed his Ph.D. in clinical psychology from Oklahoma State University in July 1989. Recently he began work as a clinical psychologist at Patton State Hospital and teaching part-time at CSUSB. His previous work included a pre-doctoral internship at Loma Linda V.A. Hospital in 1986 and three years of service as a mental health clinician for the San Bernardino County Department of Mental Health.

Cindy Pittman, B.A. accounting, is enjoying her second year of law at Cornell University in Ithaca, N.Y. She reports that winter there is "very, very cold." Cindy will be working for a law firm in San Diego this summer.

Diane Poarch, B.A. liberal studies, announces the arrival of her second son, Jeffery Alan, born on May 7, 1989.

Cally Ramos, B.A. sociology, was elected mayor of Coachella in December. Ramos is employed at the El Progreso Del Desierto in Coachella.

Willis "Woody" Woods, B.A. administration, has started his own full service landscape company, W. Wood & Associates, Landscape Construction and Services in San Bernardino.

1981

Ronald G. Martin, B.A. history, M.A. national security studies '89, is a senior integrated logistics support manager at Norton Air Force Base.

Erna M. Noble, B.V.E., is coordinator for the Dental Assisting Department at Chaffey Community College and was recently reappointed by Governor Deukmejian to the Committee on Dental Auxiliaries, Board of Dental Examiners.

Melanie Sweet, B.A. liberal studies, M.A. education '85, is an assistant principal in the Morongo Unified School District.

Kevin Tully, B.A. mathematics, is a programmer/analyst for TRW in San Bernardino.

1982

Alexander Waldman, Jr., B.A. business administration, is the financial officer secretary/treasurer for the Alpine Europaris, Inc., in La Costa, CA.

1983

Linda Heyes, B.A. psychology, is a marriage/family counselor in Claremont. She has been in private practice for four years and earned her master's degree from Loma Linda University.

1984

Allyn Kruse, B.A. biology '83, shown here outside the Jersey's Pizza establishment in northern San Bernardino, is part owner of the pizzeria with Cheryl Mosher. B.A. computer science '87. Sporting Coyote jerseys as part of its decor, Jersey's Pizza opened in Sept. 1988.

Allyn H. Kruse, B.A. biology, is the owner of Jersey's Pizza in San Bernardino.

Daron R. Mrkva, B.A. business administration, B.A. criminal justice '89, is a special agent for the U.S. Immigration & Naturalization Service.

1985

Ruth A. Bandzak, B.A. economics, received her master's in economics in 1987 from the University of Notre Dame. Currently working on her doctorate, she is employed by the University of Redlands as an assistant professor of economics.

Judith Davis, M.S. psychology, is self-employed as a marriage, family and child therapist in San Bernardino.


Dennis Hatcher, B.A. English, is writing a biography about the founder of nuclear artillery, Col. Angelo Ralph Del Campo. Jr. Hatcher is a captain in the U.S. Army and stationed in Maryland.
Lee Ann Overstreet, B.S. political science, M.P.A. '87, M.A. national security studies '87, works for the City of Fontana as the administrative analyst in the Assistant City Manager's Office.

Stella M. Quinbar, B.A. human services, is employed by the Department of Health Services as a social service consultant.

1985

Norma T. Castillo, B.A. accounting, was promoted Feb. 1989 from a budget analyst to budget officer for the Air Force Reserves at Norton AFB. She now is responsible for an annual budget of approximately $35 million and a staff of approximately 11.

Margie Chase, B.A. art, is a first-grade teacher for the Rim of the World Unified School District.

Cheryl Chilibolst, B.A. administration, is an eligibility worker for San Bernardino County.

Margaret P. Donahue, B.A. administration, just returned to the United States after living in Germany for three years. She is currently an accounting specialist for the United States Air Force in Tampa, FL.

Jon Gaffney, M.A. education, is the principal of March Mountain, Moreno Valley's continuation and independent study high school.

Linda Hernandez, B.S. business administration, is a certified public accountant for Phillip H. Waller, An Accountancy Corp., in San Bernardino.

Nanette Pearson, B.A. humanities, retired from the United States Air Force Reserves with the rank of lieutenant colonel in March of 1989. She served 11 years as an active duty member and 14 years in the reserves.

Lloyd Pruitt, B.A. administration, is a deputy sheriff for San Bernardino County.

Crystal Wyrick, B.A. business administration, is the audit manager for the Air Force Audit Agency at Norton AFB.

1986

Constance A. (Everett) Arrellano, B.A. psychology, is a teacher for the Alvord Unified School District.

Dawn Christensen, B.A. business administration, is employed by TRW.

Sherry (Sturkey) Garrett, B.A. political science, is employed as a legal assistant for the Office of County Counsel in San Diego.

1987

Thomas J. Allen, B.A. social science, is a police officer for the City of Indio.

Thomas A. Atkinson, B.A. liberal studies, currently is employed at High Desert High School in Victorville. He works in one of 10 drop-out retrieval programs in the state. On Nov. 30, 1989, he received a Client of the Year Award from the San Bernardino District of the State Department of Vocational Rehabilitation.

Charles Barkley, B.A. accounting, is the assistant controller for Carpeteria (Carpet Empire) Inc., in San Bernardino.

Syd Breckley, B.S. accounting, is a corporate controller for T.M.C.I., Inc., in San Bernardino.

Patricia Campbell, B.S.N., is employed as a registered nurse for the Eisenhower Medical Center in Rancho Mirage.

David Copp, B.A. environmental studies, previously worked for Chemical Waste Management as a supervisor of the clean-up of hazardous waste sites. Currently he is the project manager for Environmental Risk Consultants.

Elba Parrish, M.A. education, is a health educator for the San Bernardino County Public Health Department. She also is serving as a master sergeant in the Air Force Reserve Program. Elba has two children, Alexius and Emilio.

Maureen T. Spurlock, B.A. accounting, is a revenue agent for the Department of Treasury-Internal Revenue Service.

1988

Elizabeth Blair, B.A. business administration, is employed by World Savings and Loan in Brea.
Carolyn Mae Cofrancesco, B.A. history, is working on her master's degree at Loma Linda University.

Cherrlyn Eller, M.A. English composition, currently is teaching at CSUSB, Crafton Hills College and Riverside Community College. She also is working on a software program for English composition.

Evelyn L. Hall, B.A. liberal studies, is an eighth-grade teacher at Daisy Gibson School in Littlerock, CA. She is thoroughly enjoying her first year of teaching.

Hal Houser, B.A. biology, presently is an industrial hygienist in the asbestos abatement field. He plans to attend San Diego State and work on his master's in public health.

Deena Manring, B.S. business administration, is an auditor for the State Board of Equalization in San Bernardino.

Susan Marie Reed, B.A. psychology, is an intake/drug consultant at the High Desert Family Services Center in Hesperia.

Laureen D. Simpson, B.S. accounting, is a tax auditor for the California State Board of Equalization.

Jim Towers, B.A. business administration and economics, is the owner of Towers Appraisal Service in Beaumont.

Randy Valles, B.A. psychology, is an early outreach clerk for the 4H-Youth Program at the University of California Cooperative Extension.

Charles W. Youngstrom, B.A. management science, is a deputy sheriff for the Los Angeles County Sheriff's Department.

Shelley L. Bluetman, B.A. psychology, is continuing her education at California State University, San Bernardino for an M.S. in counseling psychology.

Mark Allen Brewer, B.A. economics, took over the position of operations manager for P.J.'s Sporting Goods in Orange, CA. He currently is looking to make a career move in the financial investment field.

Barbara A. Cayon, B.A. political science, is attending the Southwestern University School of Law in Los Angeles.

Anthony Fain, B.V.E., was one of the first participants in Cal State's pilot Summer Transition Enrichment Program. He also was the first CSUSB student chosen to participate in the Summer Academic Research Internship program at the University of California, Santa Barbara.

Penle Ledbetter, certificate paralegal studies, is the librarian for Golden Valley Middle School in San Diego.

Maureen Newlin, M.A. English composition, currently is a part-time English faculty member at California State University, San Bernardino.

Luther J. Reddick, Jr., B.S. accounting, said that, "graduating at age 45 and being hired before I had my degree in hand, made me realize education is the key that unlocks all doors."

MARRIAGES


BIRTHS

Born to Shana Price Noble, B.A. liberal studies '87, and David Noble, a son, Keegan Alex Noble, Feb. 14, 1990. Grandmother Barbara Noble is a student personnel technician in the Student Aid Accounting Office at Cal State.
The Alumni Association is looking for "a few thousand good men and women," and will be contacting past members of the association asking them to renew their lapsed membership in this vital organization. Over the years almost 4500 alumni have, at one time or another, been members but either have forgotten to renew their membership or have not been reminded that membership has lapsed.

Membership now will be based on the fiscal year July 1 to June 30 so that fiscal planning for the coming academic year will be more accurate and realistic. Dues continue to be at the low rate of $20 annually per individual and $30 for husband and wife when both are alumni. Lifetime memberships also are available. Watch for your notice in the mail or fill out the coupon below and mail it in today.

Call Mary Colacurcio, director of alumni affairs, (714) 880-5008, or David Amori, director of membership, (714) 889-5451, with questions about membership.

As "cap and gown day," approaches once again, alumni volunteers are being sought to staff the refreshment booths. The light "snack-bar" set-up was implemented last year and well received by many of the event's onlookers. Commencement ceremonies will be held June 16, beginning at 5:30 p.m. More information is available through the Alumni Office (714) 880-5008.
Cal State Marks 25 Years of Service

Cal State, San Bernardino’s silver anniversary is fast approaching. Members of the inaugural graduating classes (‘67, ‘68, ‘69) as well as the civic leaders who were responsible for the formation of the campus will be among a large number of people who will be honored during the anniversary year, which officially begins this fall.

The theme for the university’s celebration will be: “Cal State, San Bernardino: A Cornerstone of the Community, A Partner for the Future.” A variety of activities are being planned, some of which are highlighted here. A complete calendar will be included in the September issue of the Panorama.

October 27  Community Banquet/Dance  National Orange Show

November 4  25-year history of the university, written by history professor Dr. Ward McAfee, is presented  Pfau Library

February 7-9  Homecoming

To find out how you can help Cal State celebrate, call the Office of University Relations (714) 880-5004.