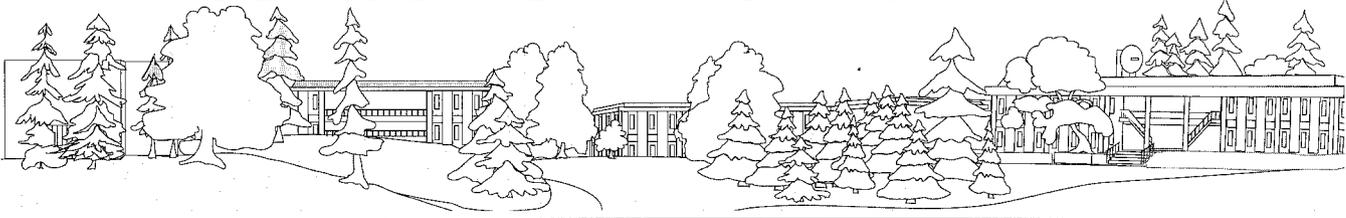


# The Interaction Point

Events and Happenings  
in the SLAC Community  
September 1990, Vol. 1, No. 5



To Honor First 20 Years of Research

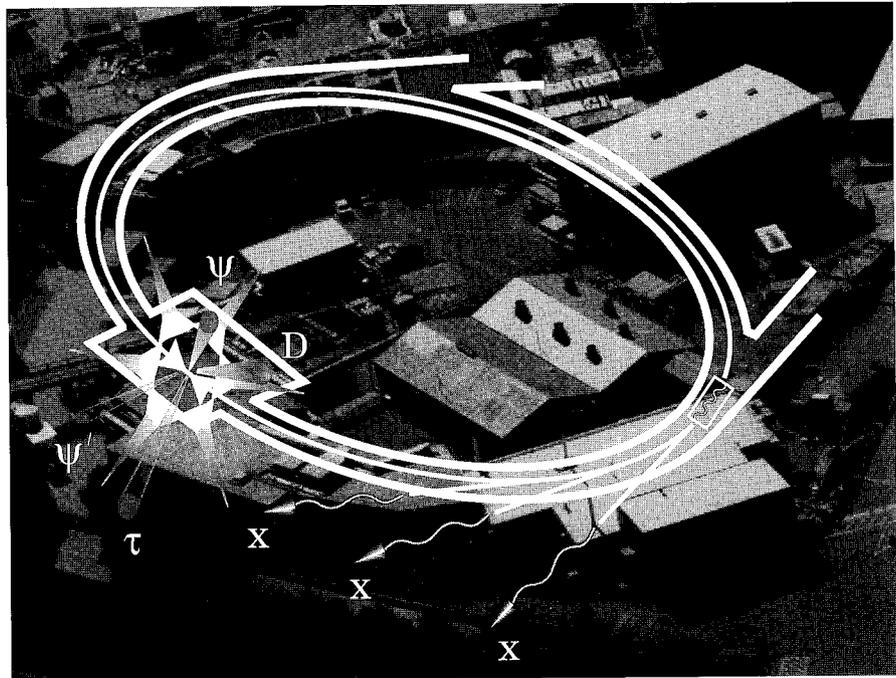
## SPEARfest CELEBRATION SET FOR OCT. 4

by Michael Riordan

NEXT MONTH THE SPEAR storage ring will become fully dedicated to synchrotron radiation research under the general direction of the Stanford Synchrotron Radiation Laboratory (SSRL). To commemorate the first two decades of research on this famous machine and to launch a new era at SPEAR, the Directors of SLAC and SSRL have organized a day's worth of activities on October 4.

In the morning there will be a series of talks presented in the SLAC Auditorium by key figures in the construction and scientific use of SPEAR. Associate Director John Rees of SLAC will kick things off with "The Genesis of SPEAR," followed by SSRL Deputy Director Herman Winick, who will speak about the origins of SSRL. After a coffee break, Gerson Goldhaber of Lawrence Berkeley Laboratory and William Orme-Johnson of MIT will discuss major highlights of the scientific research done at SPEAR.

Beginning at 1:30 that afternoon, there will be a public ceremony on the quadrangle in front of the Central Laboratory Building at SLAC, marking the beginning of a new era at SPEAR. Stanford University President Donald Kennedy will open the affair, followed by Donald Stevens of the U.S. Department of Energy,



Aerial view of the SPEAR complex with the SPEARfest logo superimposed upon it. Synchrotron radiation research takes place in the two SSRL buildings at upper left and bottom. Artwork is by Terry Anderson.

SLAC Director Burton Richter and SSRL Director Arthur Bienenstock. Closing out the festivities will be a reception at SPEAR for SLAC and SSRL employees, visiting scientists and distinguished guests. At that time, guided tours of SPEAR and its new injector will be provided for interested parties.

The entire SLAC and SSRL community is invited to participate in the afternoon ceremony and reception. SLAC employees should

first obtain the permission of their supervisors before attending.

During the twenty years since its construction began in 1970, SPEAR has been regarded by many in the scientific community as perhaps the most productive and cost-effective high-energy physics installation ever built. The discoveries made during the "November Revolution" and its aftermath changed the course of modern physics. Between 1974 and 1976,

(cont'd. on page 4)

# DISABILITY FACTS

QUESTIONS COME UP ALL THE TIME regarding the different aspects of disability. It might be a good idea for group leaders, supervisors, and group secretaries to keep this short overview as a handy reference.

## Short Term Disability Insurance (VDI/SDI)

When an employee is hospitalized or will be away from work for **more** than seven calendar days due to an illness or injury which is **not** work-related, the department should notify Benefits (ext. 2356) as soon as possible so a short-term disability claim can be promptly filed. Maximum VDI benefits are \$290 per week. Most SLAC employees (including hourly) are on VDI. For employees who have opted for State Disability Insurance (SDI) in lieu of VDI, maximum benefits are \$266 per week.

## Worker's Compensation (WC)

If the employee loses time from work due to a work-connected injury, benefits will be paid after a three-day waiting period *or* from the first day of hospitalization. For injuries occurring on or after January 1, 1990, the maximum Worker's Comp benefit is \$266 per week.

**Departments Note:** Any time there is an on-the-job injury, the department must immediately notify the injured worker of eligibility for Worker's Comp and send him or her as soon as possible to the SLAC Medical Department to complete the required forms. The first 40 hours of time lost after a work-connected injury should be charged to Work Connected Disability Leave on the time report. If time is lost beyond the first forty hours, sick or other leave may be used to keep the employee on full salary.

## Coordination with Sick/Vacation Leave

Employees eligible to receive either Worker's Comp (beyond the first five days) or short term



Sylvia MacBride

disability benefits may continue their full SLAC pay by charging their time to sick and/or vacation leave and **agreeing to endorse their disability checks to SLAC.** Checks should be turned into the Benefits Office who will forward them to Payroll. Payroll will then adjust the leave balances by the amount of the disability check and send a worksheet to the employee. This process is called "buyback." In this way, the employee extends the period of time that he or she can remain on salary while disabled.

## Leave Without Salary

If there is no sick/vacation leave **or** the leave is exhausted during the disability period, the **Department** must request in writing from Personnel a Leave Without Salary (LWOS) for the disabled employee. In this case, the employee keeps all disability payments that correspond to the LWOS period. For a sample leave request letter, contact Benefits, ext. 2356.

## Long Term Disability (LTD)

All SLAC employees are automatically enrolled in LTD after one year of service.

An employee on short term disability or Worker's Comp becomes eligible for Long Term Disability benefits if their illness or injury keeps them from working for more than 90 days. LTD benefits equal 2/3 of the employee's pre-disability salary with no maximum. There is no "buyback" on LTD.

**Departments Note:** If the Leave Report still indicates leave balances when the employee reaches the 91st day of absence, the department may charge the other 1/3 time to these balances which will result in 100% salary for the employee.

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# BOSTICS TOUR BACKROADS OF COUNTRY ON BIKE

WHEN DAVE BOSTIC, VACUUM ENGINEERING SUPERVISOR, and his wife Shirley hit the road, it's total freedom. But back home, it's total responsibility.

Dave and Shirley completed their 1990 summer motorcycle tour—a "brief one" this year, just a few thousand miles through the Black Hills and Badlands of South Dakota, Yellowstone National Park, and some other fantastic American treasures.

Two years ago was the big one. In six weeks they cycled through 23 states and three Canadian provinces, averaging 200 miles a day on backroads from south Texas to the Natchez Trace in Tennessee, and up the Icefield Parkway in Jasper National Park. In addition to visiting natural splendors, Dave said, "Our goal was to make secondary roads our primary way to travel and small communities our focus." They were intrigued by such little towns as Difficult, Tennessee, and Embarrass, Wisconsin, not to mention Intercourse, Indiana. They were fortunate to hit Toad Suck, Arkansas, on the weekend of the annual "Toad Suck Daze" festivities.

It wasn't all fun and games, though. In north Texas they got caught by a ferocious thunderstorm. Dave explains, "I pulled into this small town, and we stood under a building awning for an hour or so. It kept raining harder and harder and the town streets were flooding. I realized the whole town was a low area, and I wanted to get out of there. Well, it became a flash flood, and we barely made it out. At times water was over the axles of the bike and moving fast. It was scary!"

Back in the Bay Area, Dave and Shirley continue to open their hearts and home to "medically fragile babies," as they have for 20 years. They serve as foster parents for infants, frequently those born to drug-dependant mothers. Dave and Shirley have cared for 35 babies altogether and can remember every one by name and temperament. The babies are cared for until either the mother can show competency or an adoption is arranged.

Several years ago one of their babies was a national celebrity when he was abandoned in a laundromat dryer and



*Back home again in Indiana, Shirley and Dave visited all of their family members in Indiana and Ohio and celebrated their parents' 50th wedding anniversaries.*



*After so many miles one gets 'kinda' tall in the saddle. Shirley and Dave have been riding together ever since their second date in high school.*

*(cont'd. on page 4)*

## SLAC SOFTBALL CHAMPS



John W. Taylor

THE SLAC A TEAM is shown giving the "we're #1" sign following their first-place, regular season, finish. The team compiled a 10-1 season record for first place in the Menlo Park Recreational League. Pictured left-to-right (back row) are Michael Taylor, formerly with Electronics; Brian Harris, Mechanical Fabrication; Kris Dudley, SLD; Robert Taylor, formerly with SSRL; Terry Anderson, Pubs; and Al Owens, Group B. In the front row, left to right, are Tony King, Mechanical Engineering; Magellan Starks, Purchasing; Rod Harrison, Facilities; Jeff Garcia, Vacuum; and John Taylor, formerly with Mechanical Engineering.

## Moto Madness. . .

(cont'd. from page 3)

undiscovered for nine hours. During his recovery in the hospital and at the Bostics' home, he was affectionately known as "Baby Maytag."

Dave and Shirley's own children, now grown, continue the family traditions. Their daughter is a daycare provider and their son is a motorcycle enthusiast.

The Hoosier Bostics came from South Bend in 1969 when they decided to give California a try for a year. A tool-and-die maker by trade, Dave worked initially in Heavy Fabrications. Norm Dean in the Vacuum Group recognized Dave's talent and enlisted him for SPEAR and PEP. Dave now enjoys the huge challenge of keeping the linac and beam switchyard vacuum systems online.

—Douglas Peckler

## SPEARfest. . .

(cont'd. from page 1)

the  $\psi$  and  $\psi'$  particles, the charmed  $D$  mesons and the  $\tau$  lepton turned up, and much important research was done there in following years.

Meanwhile, beginning in 1973, pioneering advances were made at SPEAR in the use of synchrotron radiation, x rays generated by the particles circulating within the ring. Formally established in 1976, SSRL was the first major laboratory to develop this radiation and make it available to a large community of scientists, who have used it for basic and applied research in biology, chemistry, materials science, solid-state physics, and medicine.

From 1979 to 1990, SLAC and SSRL operated SPEAR jointly for high-energy physics and synchrotron radiation research, with 50 percent of the machine time devoted to each field. Construction was recently completed on a new 3-GeV Injector, which will permit operators to fill SPEAR and allow it to produce synchrotron radiation independent of the status of the SLAC linac. Commissioning of this Injector is well underway.

### Allen Practices for SLAC Race

TECHNICAL DIVISION Assistant Director Matt Allen finished first in his age category in a 5K race on August 11, with a time of 22 minutes, 54 seconds. The race was part of a celebration to mark the re-opening of Castro Street, in the redeveloped center of Mountain View. Participation in this race is evidence of both civic pride and athletic prowess for Matt, who served on the Mountain View City Council from 1974 until 1982, including two terms as mayor, and who has finished impressively in SLAC races for many years.

—Mary Ross