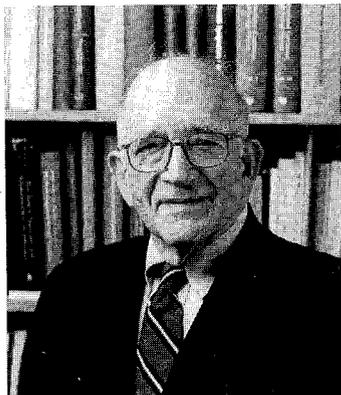


SLAC is operated by Stanford University for the Department of Energy

Service Awards Ceremony Honors Long-Time Staff

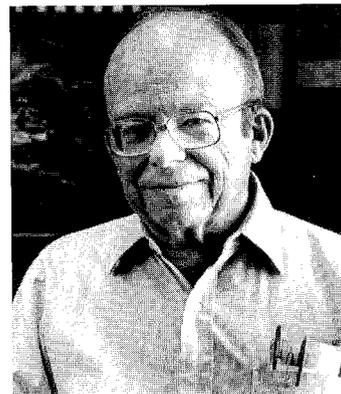
40 Year Awardees



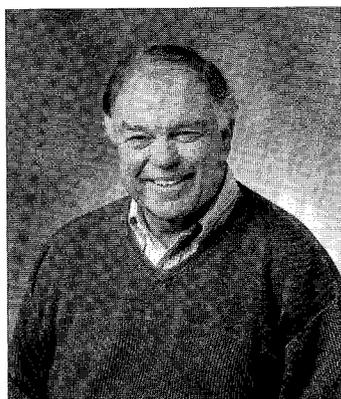
Sidney Drell



Roger H. Miller

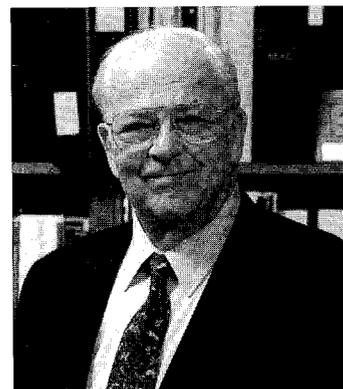


W.K.H. Panofsky



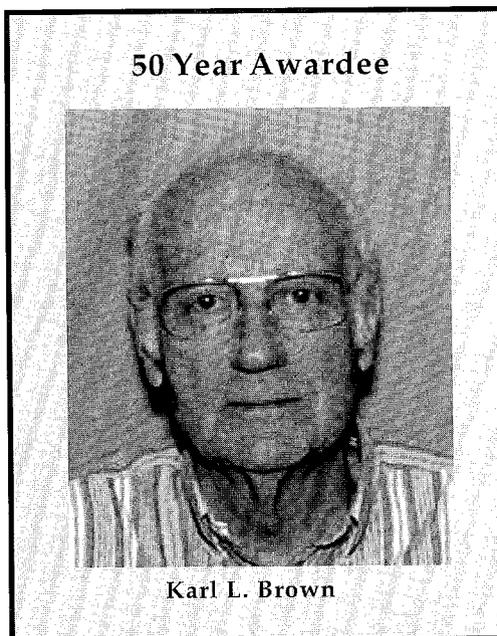
Randall Fowkes

Not pictured: Robert New



Burton Richter

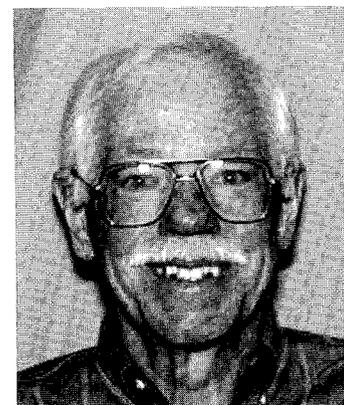
50 Year Awardee



Karl L. Brown



Gregory A. Loew



Perry Wilson

(Portraits courtesy of Stanford University
Visual Arts Dept.)

The staff members shown above were honored for 40 and 50 years of service. See pages 4 and 5 for names and pictures of 20 and 30 year awardees.

Director's Corner



by Jonathan Dorfan

ON MAY 23-24, SLAC was the host to the long-range planning sub-panel of the High Energy Physics Advisory Panel (HEPAP). The 20-person sub-panel, which is chaired by Barry Barish from Caltech and Jonathan Bagger from Johns Hopkins University, and whose membership can be found at http://hepserve.fnal.gov:8080/doe-hep/lrp_panel/members.html, is charged with providing a 20-year blueprint for U.S. High Energy Physics (HEP). HEPAP has been requested to report its findings and recommendations to the DOE and NSF in the Fall of 2001. The sub-panel had its first public meeting at the Brookhaven National Laboratory in April 2001. The SLAC meeting will be followed by meetings at Fermilab in June 2001 and at the Snowmass Summer Workshop in July 2001.

The exact charge to the sub-panel, which can be found at http://hepserve.fnal.gov:8080/doe-hep/lrp_panel/charge.html, is wide ranging. It challenges the sub-panel "... to undertake a long range planning exercise that will produce a national roadmap for HEP for the next 20 years." Of the many elements in the charge, none is more important than the formulation of a strategy regarding the energy frontier. The charge reads: "In the context of the worldwide scientific effort in particle physics, formulate a plan that optimizes the U.S. investment of public funds in sustaining a leadership role at the energy frontier, including a recommendation on the next facility that will be an integral part of the U.S. program." The leading contender for such a frontier facility is an electron positron linear collider (LC) with a center-of-mass energy of 500 GeV. SLAC argued strongly that the sub-panel adopt this option as the centerpiece of its recommendations.

The SLC, pioneered at SLAC, was the first step in the linear collider direction; indeed the SLC is the only linear collider ever built. The success of the SLC, which operated at a center-of-mass energy just below 100 GeV, led to a worldwide R&D effort to build a higher energy linear collider. SLAC, along with its Japanese colleagues at KEK, has taken the lead in developing the NLC, a linear collider using accelerating techniques patterned after the SLC. The TESLA collaboration, led by the DESY laboratory in Hamburg, has developed an alternative technology using superconducting techniques to accelerate the beams.

At the May HEPAP sub-panel meeting, SLAC was allotted about five hours to make presentations. The focus of the SLAC presentations was: a) to lay down the arguments for adopting the NLC as the next frontier U.S. facility, and b) to articulate the importance of the current SLAC program as a key element for the health of U.S. high energy physics in the next 10 years.

Energy Management Success

THANK YOU, ENERGY SAVERS. Due to your efforts, we have seen a reduction in SLAC's energy consumption. Your willingness to help SLAC to comply with the Presidential Directive and DOE's "Plan of Action: Energy Conservation at Federal Facilities" appears to be paying off. The response to the All-Hands e-mail dated May 9 from Jonathan Dorfan was immediate and effective in saving energy. Now, SE&M technicians, with guidance from Liam Robinson, are working hard to fine-tune the temperature conditions throughout the site to acceptable levels while staying in compliance with the DOE Plan of Action.

Don't stop now! Please continue your efforts to implement simple energy conservation measures such as turning off, whenever possible, monitors, computers, copiers, lights, and other electrical devices. It is especially important to minimize energy use during summer peak usage hours, i.e., 12:00 NOON to 6:00 PM, Monday-Friday.

We are working towards implementing the longer term energy conservation projects outlined in the "SLAC In-House Energy Management Program" article that appeared in the May issue of *TIP*. In addition, we are reviewing several interesting energy conservation proposals that we received from you in response to the Director's e-mail and the *TIP* article. Please continue to keep your thinking caps on and submit ideas for energy conservation (we need all tips, proposals, big or small) to your Building Manager, to Luda Fieguth x3422 (lcantor@slac.stanford.edu), or to Burl Skaggs, x2245 (burl@slac.stanford.edu).

-Luda Fieguth

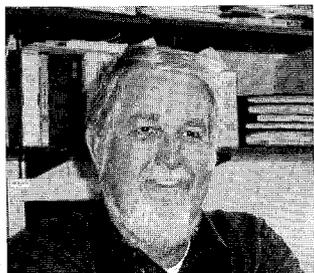
All Signs Lead to SLAC



To be sure that SLAC could be found from Highway 280, Al Baker (Accelerator Department) asked CalTrans to put up signs before Sand Hill Road exits on both north and south 280, proclaiming "Stanford Linear Accelerator Center next exit." Thanks to Baker, several signs now point the way to SLAC.

EGS FOR BOTH PHYSICS AND MEDICINE

(Photo: T. Peterson)



A COMPUTER PROGRAM developed at SLAC to simulate showers of high-energy particles has been finding extensive use in cancer therapy. Ralph Nelson of the Radiation Physics Department originally wrote the Electron-

Gamma Shower (EGS) software in the mid-1970s to mimic the streams of energetic electrons and photons that flow through particle detectors and shielding. Medical physicists have since then adapted the program to aid them in planning x-ray treatments to reduce or eliminate tumors.

EGS can simulate the paths and energy deposits of these particles in an endless variety of materials and geometries. It is now used throughout physics to predict what will occur when particles interact with matter. For example, EGS was used to simulate how energetic cosmic rays will generate electromagnetic showers in the GLAST detector now being designed at SLAC.

In the late 1980s, researchers at the National Research Council of Canada extended the software to include lower-energy electrons and photons that arise in medical applications. The program has since witnessed steadily increasing applications in radiation therapy, with hundreds of users worldwide.

When a patient goes under an x-ray machine, it is

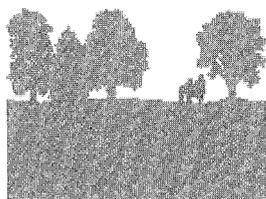
crucial to concentrate as much energy as possible on the tumor and minimize what strikes nearby healthy tissues. Using EGS, therapists can design x-ray beam configurations to achieve this goal.

"The medical community's response to EGS has been overwhelming," says Nelson, who is pleased that his program has found such wide, beneficial applications. More than 60 percent of its use, he estimates, occurs in medicine.

One reason for this growth, he surmises, is the exponential increase in computer power due to faster microchips. For example, the long, detailed Monte Carlo simulations can now be done on a desktop computer. Such computer power permits the use of EGS in planning treatments for individual patients, which medical physicists are pursuing at nearby Stanford Medical Center. This approach helps reduce errors that can occur when a tumor is small or located in sensitive areas such as the head, neck or lungs.

Nelson came to SLAC in 1964 and earned his Ph.D. in radiation physics at Stanford. He can now look back with satisfaction upon an achievement that went far beyond his original expectations. He spends much of his time traveling the world, talking about EGS at medical physics workshops and conferences—and plugging his books on the subject. And in his spare moments, Nelson still finds time to play bass fiddle in a local bluegrass band.

—Michael Riordan



A Walk on Jasper Ridge

DR. LAURA JONES, STANFORD archaeologist and Jasper Ridge Biological Preserve docent, recently led two groups of interested SLACers through the part of the Preserve that borders SLAC and encompasses several Ohlone village sites. The fieldtrip was sponsored by the Women's Interchange at SLAC (WIS).

For eight hundred years, bands of Ohlone Indians gathered hazelnuts and acorns, built villages, and buried their dead at selected sites among the oak woodlands, mixed evergreen forests, chaparral slopes, and freshwater wetlands bordering San Francisquito Creek that still runs through SLAC and Stanford. They were semi-nomadic people who fished the creek, managed various crop supplies including hazelnuts, and climbed to the top of Rattlesnake Rock, a large sandstone outcrop on the Preserve to view their ancestral birthplace, Mt. Diablo. While their habitat was in part destroyed by logging and grazing, some of the Ohlone village sites have remained untouched—and will remain so—thanks to the foresight and

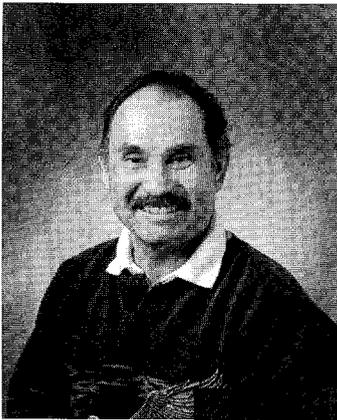
enlightened management of the Preserve, a 1200-acre biological research station.

Jones encouraged her visitors to conjure up what it must have been like to participate in an Ohlone ceremony where everything possessed a spirit, and dreams were the conduit to the spirit world. They were storytellers par excellence and gave thanks in dances and song for the bounty they received. Imagine the cottontail rabbits hidden by the underbrush, the quail, foxes, and deer herds. Grizzly bears and mountain lions roamed the land too, in search of some of the same prey the Ohlone prized. What the Ohlone lacked, they received in trade from other Indian groups. Thus, they had time to play games and gamble, creating dice from nuts; take basket weaving to a fine art; and weave tapestries from feathers.

The gentle Bay Area climate encouraged and nurtured these abundant resources. The Ohlone respected all creatures, hunting only when necessary. With food supplies and climate like this, it is no wonder they chose to remain for so long.

—Rene Donaldson

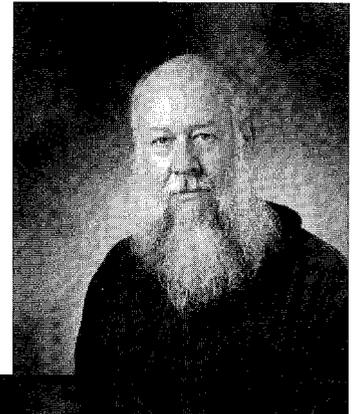
20-30-40-50 Year



Sal R. Alvarado

THIS YEAR MARKED THE first time staff members were honored for 50 and 40 years of service. Time of service combines years of employment at both Stanford University and SLAC. Both emeritus directors of SLAC (W.K.H. Panofsky and Burt Richter) earned the 40-year milestone along with six other employees. Karl Brown became the first recipient of a 50-year award. There were 13 employees who received their 30-year award, along with 25 employees receiving their 20-year awards.

Stop by the Human Resources website (www.slac.stanford.edu/hr/) in the near future for further information on the awardees.

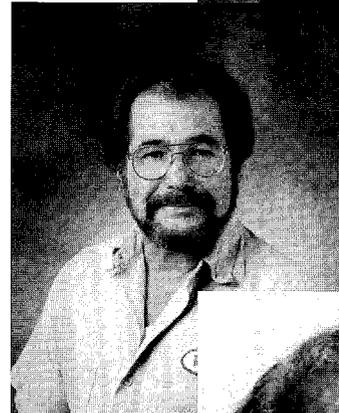


James D. McDonald

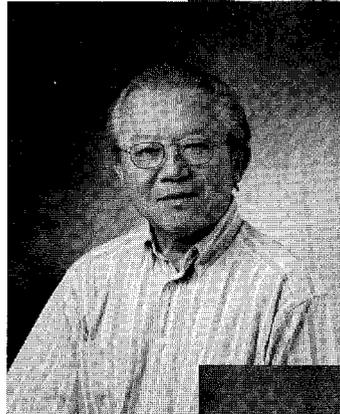


John W. Broeder

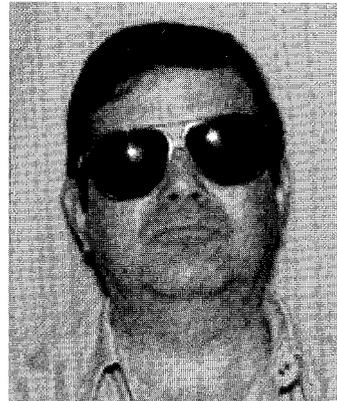
30 Year Awardees



Ronald F. Pacheco



Norman Chuck Chin



Abel DeLaCerde



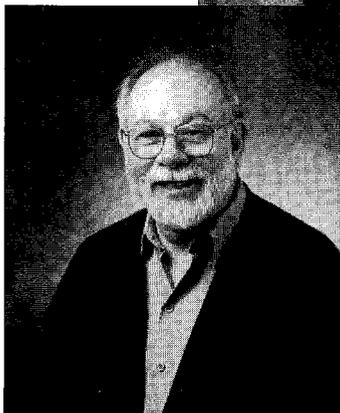
Mary L. Parish



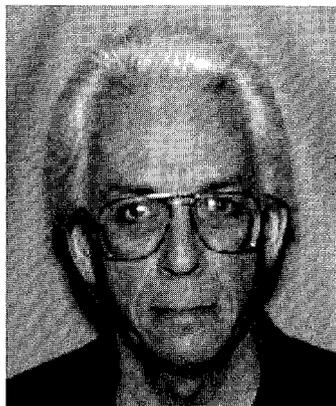
Percy M. Clay



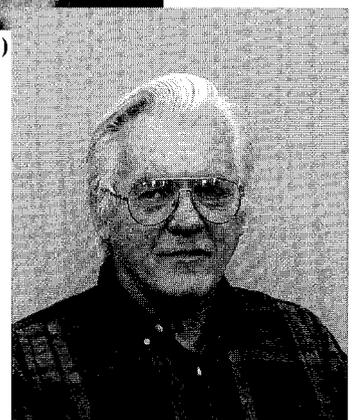
Sylvia (Sunnie) Parish



Gerard J. Collet



Kenneth G. Martell



Charles R. Wilson

Not pictured: Georgia Row

(Portraits courtesy of Stanford University Visual Arts Dept.)

Service Awards Ceremony



Some of the 20-year awardees are pictured above. The entire roster (A-Z) includes: Clifford J. Blanchette, Karl Bouldin, David Brown, Robert A. Conley, Boni Cordova-Grimaldi, Francisco Cornejo, Louis Fernandez, Larry Fisher, Robert Hettel, Frank King, Eric Lee, Stephen Lowe, Leonard Moss, Jeff Olsen, Mattie Pace, Lambert Patangui, Tung Phan, Hector Prado, Zofia Rek, Paul Staudenmaier, Teresa Troxel, Howard (Bebo) White, Joan M. Winters, Richard Zdarko, Joseph Zelinski.

(Photos: John Ashton)

Leonard Moss



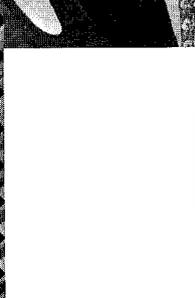
Lambert Patangui



Ron Pacheco



Paul Staudenmaier



Boni Cordova-Grimaldi

Clifford Blanchette



Richard Zdarko



(l) Jonathan Dorfan with Stephen Lowe



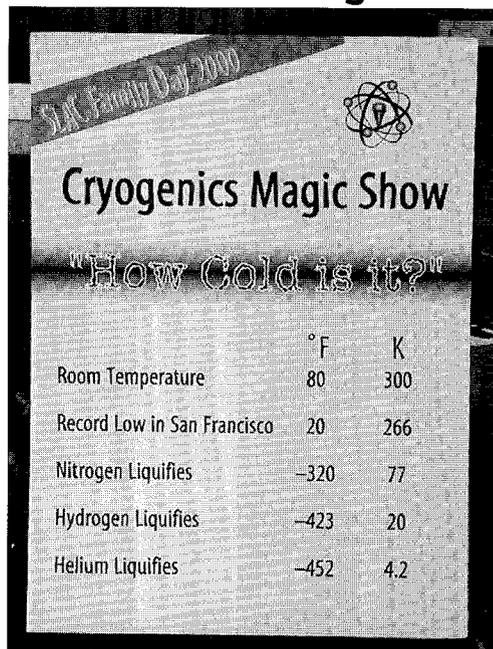
Mattie Pace

Take Our Daughters

"I VOLUNTEERED TO BE an escort so I could see some of the neat things that happen at SLAC that otherwise I never would," quipped one of the 75 SLAC workers who helped plan and put on the 6th Take Our Daughters to Work Day. The 46 girls (daughters, granddaughters, nieces, neighbor's kids) who spent April 26th at SLAC got a hands-on experience of many different aspects of the work done at the lab, and met people in a wide variety of jobs. Each girl attended two of the six workshops offered in the morning: some built a compact disk holder and felt magnetic forces on an aluminum block; others experimented with super-cold bananas and measured the radioactivity of common objects. A third group made continuity checkers and mounted flanges on a vacuum pipe.

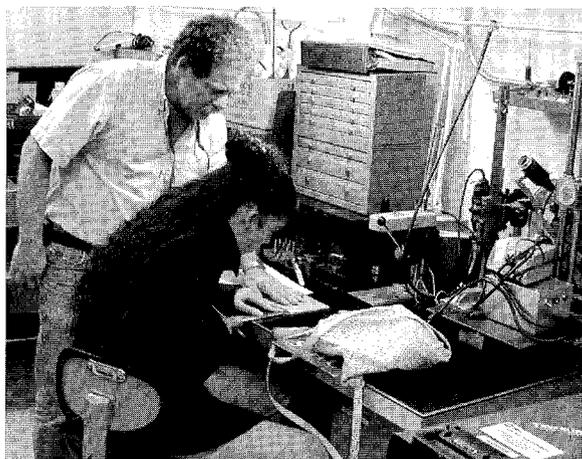
After lunch with their parents, the girls visited as many of the eight tours and open houses as they could squeeze into two hours. They saw imploding soda cans, listened to their heartbeats, had their photos taken with "Marie Curie" (who graced the opening session, too), toured the Klystron Gallery and Computer Center, and much more. They left for home clutching various souvenirs, lists of scientific websites of interest to girls, lists of books about taking charge of their lives, and many happy memories of a day spent exploring SLAC.

—Cherrill Spencer



	°F	K
Room Temperature	80	300
Record Low in San Francisco	20	266
Nitrogen Liquifies	-320	77
Hydrogen Liquifies	-423	20
Helium Liquifies	-452	4.2

The Cryogenics Magic Show (above) was a repeat from the popular display held during SLAC Family Day by John Weisend (EFD). The girls watched the impact of liquid nitrogen on everyday objects like flowers, bananas, and LED's (below).



(l-r) Charlie Seavers helps Hector Prado's niece, Michaela, use a ruler to make a hole pattern in a piece of plexiglas, which was then used to make the CD holders.



Jonathan Dorfan and "Marie Curie" with the group of 46 girls who attended the SLAC Take Our Daughters to Work Day.

To Work Day



(l-r) Marie Curie (in the person of Lesley Wolf, Library) posed with Jonathan Dorfan. Madame Curie was the Mistress of Ceremonies for the day.



First female Nobel Laureate Marie Curie.

(Photos: Roz Pennacchi, Teresa Troxel, Cherrill Spencer)

Richter Receives Degree

ON MARCH 31st, BURTON RICHTER, Director Emeritus of SLAC and Paul Pigott Professor of Physical Sciences, Stanford University received an honorary doctorate from the University of Pisa. The Laurea Honoris Causa in Fisica degree recognizes Richter's personal achievements in physics and the valuable collaboration between physicists at SLAC and at the University of Pisa.



The University of Pisa was officially founded in the 14th century and has a long tradition of outstanding physics teaching and research. Richter says that he particularly appreciates this honor from the university that includes such titans of science as Galileo and Fermi among its students and teachers.

—Pat Kreitz



Several girls watched a magnetic measurements lab demonstration on how motors and generators work.



Francisco Prado assists Andrea Anderson, Anita Riebhoff's daughter, who is using a heat gun on shrink tubing as part of the assembly of a single current continuity checker.

The Big One That Didn't Get Away



SOME PEOPLE MAY NOT know that Dave Ernst of SSRL is an avid fly fisherman. In fact, he traveled to Tierra del Fuego in Argentina last year to fish the Rio Grande for sea trout (the biggest in the world)—or brown trout, as the Argentineans call them. The fishing was “all catch and release,” which means they let the fish go. Battling winds stronger than 30 mph (quite a challenge when fly-casting), Ernst caught 75 fish in a week. The largest was 22 pounds, and here's the picture to prove it!

—Janice Dabney

Bienenstock Returns from Washington, D.C.

Ed. Note: This concludes a two-part article begun in the May issue of *TIP*. See www.slac.stanford.edu/pubs/tip/tip.html for part one.

(Photo: John Ashton)



IN ADDITION TO FACILITATING better understanding of the need for sufficient R&D funding, Artie Bienenstock and the Office of Science and Technology Policy (OSTP) staff devoted considerable energy towards repairing the research partnership between the federal government and the research universities. The

government depends on this relationship because these institutions perform about sixty percent of federally funded basic research. The government has little direct control over the institutions since they are not federal universities.

During the 1990s, the partnership became quite stressed because of newly introduced federal policies related to indirect costs reimbursement. Bienenstock felt that some of these policies inhibited the performance of research, while proposed policies would discourage universities from investing in new research facilities. OSTP Director Neal Lane issued a strong statement for the committee, opposing any arbitrary limitations on cost reimbursement for facilities. In addition, the Office of Management and Budget essentially eliminated the policy that the universities considered most inhibiting to research performance.

Early in his days at OSTP, Bienenstock met Dr. Marvin Cassmann, Director of the National Institute of Health (NIH) General Medical Sciences to discuss synchrotron radiation. As NIH looked to the future, it was evident that more synchrotron radiation capability would be needed. While NIH did not have the ability itself to construct or run those facilities, it was prepared to assist DOE and National Science Foundation (NSF) in their funding in order to ensure that facilities would be available for structural biology.

Because Bienenstock was on leave from SSRL, he could not work directly on this matter. Instead, he established an interagency working group (IWG) of NIH, DOE, NSF and OSTP officials to work out a solution, while expressing the opinion that no solution should dilute the basic responsibilities of NSF and DOE for the support of their operation and maintenance. The IWG worked out a solution that involved NIH support of specialized structural biology facilities at the synchrotron radiation labs, as well as NIH funding for the SPEAR3 upgrade and similar improvements at Brookhaven's Synchrotron Light Source. In this way, NIH not only met structural biology needs, but funded improvements to the facilities that would benefit all users.

When Bienenstock left SLAC many people, including himself, were skeptical about what could be accomplished. Looking back, he is pleased to have spent time there. "Anyone who really cares about something and who is thoughtful about working with other people can achieve significant things," said Bienenstock. "It is worth doing." He met lots of different people in Washington who are too often labeled "bureaucrats," but who think carefully about what they do and try to improve the government. "I often differed with them, and we fought hard, and yet I respected them," he said.

He also learned something about the social life in Washington. "It's a dress-up kind of town," said Bienenstock. He was referring to the tuxedo he had worn only twice in his life until going to Washington. It became routine formal wear for the many occasions he had to attend. "I found myself wearing the standard black or navy suit practically every day I was there," he said. "If you want to be effective, that's what you do." Now that he has returned to SLAC, he is back to wearing more casual clothes.

Bienenstock plans to return to research problems in the structure of amorphous materials. He also wants to see the Linac Coherent Light Source (LCLS) funded and running, since it offers an exciting future in research. In addition, he will continue to work in the area of affirmative action. SSRL has an existing exchange program for students and professors at the University of Texas, El Paso, which Bienenstock will work to strengthen. He sees this as an avenue to increase the number of Mexican-American students entering the science and technology field.

Bienenstock's sabbatical began in January 2001. He and his wife (who he met almost 50 years ago at a performance of the New York City Ballet) are spending time fixing up their new house in Truckee and skiing or hiking in the Sierra Mountains.

In September, Bienenstock will chair the Materials Council on campus. This brings SLAC and campus together, which supports one of the goals of SLAC Director Jonathan Dorfman. He will go to Europe in early fall to attend the 19th International Conference on Amorphous Semiconductors in Nice, France. Subsequently, he will visit the European Synchrotron Radiation Facility in Grenoble, France to learn about new advances at that facility. While there, he will also give a talk about his experiences in Washington.

Bienenstock is also planning a visit to Paris where he will meet with synchrotron radiation experts. He will take the opportunity to visit with people at the U.S. Embassy with whom he worked while in Washington. These duties will be accompanied by some much-deserved vacation time.

One could say that it is a good thing Bienenstock has a sabbatical; he will then be well-rested (?) to resume his work with vigor.

-Teri Peterson

Sponsors Sought for Local Dancers



KRISTEN (AGE 13) AND BRIANNA (AGE 12), daughters of David Saenz in Site Engineering & Maintenance, will be performing at the National Dance Competition July 17-20 at the University of Las Vegas in Nevada. Both girls began dancing in August 2000, and have adapted well to this new hobby. Aside from school, homework and softball they generally spend 2 to 3 hours a day practicing their routines.

Both have been asked to join competition teams representing their dance studios. Kristen performs jazz and Brianna does tap. Recently, these two new dancers each won "Top First Place" at a regional competition in Fresno, Ca. These two up-and-coming stars perform for All Star Dance Academy in Los Banos, Ca. If you would like to help sponsor their trip to Las Vegas, please contact David Saenz at x2512.



Backup Child Care Program

A PILOT PROGRAM HAS been underway for Stanford and SLAC employees since December 1999 for emergency and backup childcare. This program is administered through FamilyCare, Inc. and the WorkLife Office. FamilyCare will refer you to selected child care providers in the case of back-up child care needed either when your child is mildly sick, or if your regular caregiver is ill or on vacation. There is also a subsidy program to reimburse the cost of emergency care. The subsidy includes a reimbursement of up to 80% of the cost of back-up care (up to a maximum of \$10 per hour). Also, a maximum of 16 hours per faculty/staff per year can be reimbursed under this program. Both these programs are fully explained at <http://www.stanford.edu/dept/ocr/worklife/>.

Milestones

RETIRED

Asher, Wesley, ESD, 5/31/01

Espino, Jose, SEM, 5/31/01

DECEASED

Gurney, Bob (last worked at SLAC in 1980), age 77, on 4/19/01

Jones, Patricia, MFD, age 54, on 5/4/01

ELECTED POST

Kreitz, Pat, TIS, elected Director-at-Large of the Association of College and Research Libraries

AWARDS

Chen, Pisin, ARDA, awarded 3rd Prize from the Gravity Research Foundation in its 2001 Essay Competition on Gravitation, 5/15/01

Seeman, John, AD, 2001 Particle Accelerator Science and Technology Award from the IEEE Nuclear and Plasma Sciences Society, 5/01

FACULTY HIGHLIGHTS

Drell, Sidney, DO, Honorary degree, Doctor Philosophiae Honoris Causa, from Tel Aviv University, 5/12/01; and William O. Baker Award for his life-long contributions to national security of the United States, 5/17/01

Prescott, Charles, EA, elected to the National Academy of Sciences, 5/1/01

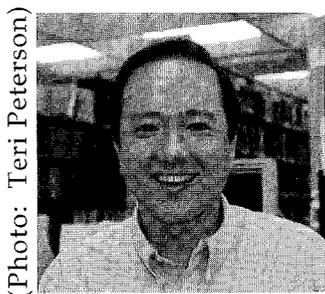
Raubenheimer, Tor, TEC, promoted to Associate Professor, effective 9/1/01

Silverstein, Eva, THP, promoted to Associate Professor, effective 12/1/01

Richter, Burton, DO, Honorary Doctorate from University of Pisa, 3/31/01 (see page 7 for article)

Do you have a milestone you would like published in TIP? Email to tip@slac.stanford.edu. Also, look at www.slac.stanford.edu/pubs/tip/tip.html for a link to our new website on expanded MILESTONE coverage! You may submit items to this website online.

Expert Assistance for the Information Hungry



(Photo: Teri Peterson)

JAMES CHU-FAI LIU recently joined the SLAC Library as the new Reference Librarian. He brings with him over ten years of science library experience in the Chemistry & Chemical Engineering and the Medical School libraries at Stanford.

Physics has always been Liu's passion. "Although I love physics, I ended up as a biopsychology grad at U.C. Berkeley and then went on to get another degree in engineering from Cal Poly," said Liu. "Working at the SLAC Library is a chance to return to physics that I couldn't pass up." He hopes to help broadcast to the SLAC community the wealth of resources and services that are available at the Library and online.

Off duty, Liu is an amateur astronomer and an avid reader. "Tales of the lives of physicists and witty quotes by them make the history of physics come alive and get me excited about the purpose of it all," Liu explained. One of his favorite quotes exemplifying the fundamental excitement of the subject is by Richard Feynman: "*Nature is a great chess game played by Gods, which we are privileged to watch. The rules of the game are what we call the fundamentals of physics, and understanding these rules is our goal.*"

He would like fellow physics enthusiasts to note that this quote, and many more, are available in a book at the SLAC Library written by Richard P. Brennan entitled "Heisenberg Probably Slept Here: The Lives, Times and Ideas of the Great Physicists of the 20th Century."

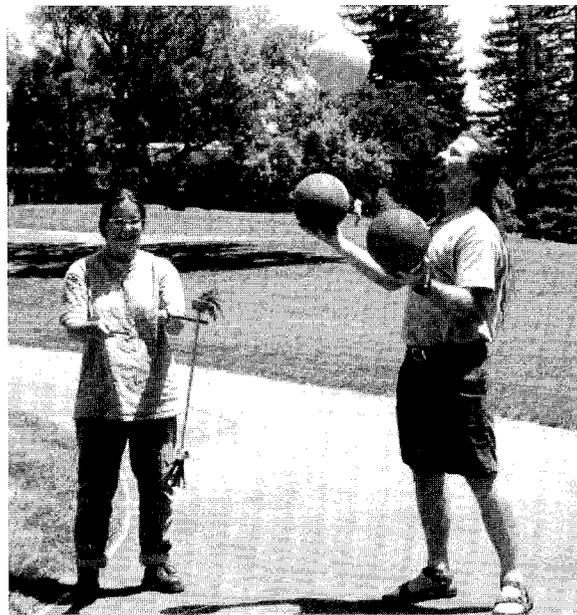
If you have a reference question, please give Liu a call at x4388, email him at jliu@slac.stanford.edu or stop by the Library, Central Lab (Building 40), 2nd floor, Room Y215.

—Ann Redfield

Work Safe, Work Smart

An injury involving days away from work occurred on 4/12/01 although it was not reported until 4/18/01 according to Sharon Haynes, Workers' Compensation Coordinator. The number of calendar days between then and the last injury of 4/11/01 was only one day. SLAC's record number of days between claims involving days away from work remains at 184 days.

New Club Forming



(Photo: Teri Peterson)

MOST PEOPLE ARE ADEPT at juggling a busy schedule. How about learning how to relax by joining a juggling club? Ina Reichel, ARDA, is attempting to establish a "juggling club" at SLAC; so far it has a membership of two people. They are willing to teach others and do bring spares items with them. You can contact Reichel at x8535, reichel@slac.stanford.edu, or just stop by most Thursdays between 1 and 2 pm outside of the first floor of the A&E Building.

Sand Hill Road Shuttle

MENLO PARK IS CURRENTLY operating three shuttles in the morning and two shuttles in the evening to the Menlo Park train station. This free shuttle service has a stop on Sand Hill Road in front of SLAC. Since February 5th, when the current shuttle schedule was implemented, the ridership has been 64-105 riders per week in the morning, and 43-63 riders per week in the afternoon/evening. A schedule of this shuttle service is available through the SLAC home page.

New Shuttle Stop

EMPLOYEES WISHING TO RIDE the shuttle to SLAC from the Stanford West Apartments will be delighted to know that the SLAC-Caltrain shuttle now has a stop for them. Check out the map and the schedule on the SLAC-Caltrain Shuttle page, <http://www.slac.stanford.edu/slac/map/caltrainbus.html>.

—Pete Budrunas

MUGS



THE MECHANICAL DESIGN DEPARTMENT'S Facilities Design Services recently announced the formation of the Microstation CAD Support Team headed by Olaf Muller.

Muller comes to SLAC from Parsons Transportation Group and, prior to that, Bechtel Corporation. In addition to his responsibilities as the Microstation CAD Support team leader, he is the first chairman of the

Microstation Users Group at SLAC (MUGS). MUGS had its kick-off meeting on March 30, 2001. There were approximately 35-40 attendees from SLAC and from local companies who use Microstation for Computer Aided Drafting and Design.

Here's what attendees had to say about the MUGS kick-off meeting: "The demos were great. Keep up the good work!" "This meeting has given us a great opportunity to look at new Bentley products."

Look for fliers posted around SLAC for information on upcoming MUGS meetings and events, or call Olaf Muller at x2915.

—Derrick Britt

News From The Purchasing Department

(Photo: T. Peterson)



SANDRA PICKROM HAS BEEN selected as the new Deputy Associate Purchasing Officer/Materials Manager. She will be responsible for assisting Jerry Belk, Associate Purchasing Officer/Materials Manager in the overall administration of the

Shipping/Receiving/Delivery, Accounts Payable, General Stores, Metal Stores, and Inventory Control functions. Pickrom will be directly responsible for providing the day-to-day supervision and management of the Shipping/Receiving/Delivery, and Accounts Payable groups.

Pickrom started at SLAC in 1987 as a Receipts Control Clerk in Shipping and Receiving and worked her way up to Assistant Manager for Accounts Payable and Receipts Control. She has successfully managed this function, combining the efficient processing of vendor payments with a positive attitude toward customer service.

Robert Todaro, Purchasing Officer, says "the selection of Pickrom fulfills one of my goals of providing for succession planning for key personnel within Purchasing with professionals who have a positive customer service approach."

—Jean Hubbard

12th Annual Juneteenth Celebration

THIS YEAR SLAC IS celebrating its 12th Annual Juneteenth, which is sponsored by BASE, the Black Association of SLAC Employees. We are proud to have the oldest continuing celebration in the area.

Many people may ask why the "Juneteenth" celebration is being held and how it got its name. To answer this, you must go back to June 19th, 1865 when Confederate General Robert E. Lee surrendered at Appomattox and Union General Gordon Granger landed at Galveston, Texas, driving the last nail into slavery's coffin by proclaiming:

"The people of Texas are informed that in accordance with a Proclamation from the executive of the United States, all slaves are free. This involves an absolute equality of rights and rights of property between former masters and slaves, and the connection heretofore existing between them becomes that between

employer and free laborer."

The reaction to this news ranged from pure shock to immediate joy. The celebration of June 19th was coined "Juneteenth" and grew with more participation from descendants.

Institutions such as the Smithsonian, the Henry Ford Museum and others have begun sponsoring Juneteenth-centered activities. In recent years, a number of National Juneteenth Organizations have arisen to take their place along side older organizations—all with the mission to promote and cultivate knowledge and appreciation of African American history and culture.

Come and join us in celebrating Juneteenth on June 15 from 3-6 pm, at the Cafeteria picnic area. Watch for flyers inviting you to share our culture, our art and our great food!

—Jasmine Rogers



Have you visited TechPubs recently? Our mission is to design, produce, and manage SLAC's information products, in all media. Using content supplied by scientific and technical authors, administrative and public information creators and other SLAC staff, we:

- Coordinate online access to SLAC publications.
The "Publications From SLAC" page (www.slac.stanford.edu/pubs/index.html) summarizes materials available online. Use FastFind (www.slac.stanford.edu/pubs/fastfind.html) to search for SLAC pubs and reports published since 1962 that are online.
- Provide support services for document production and distribution.
Large document planning and production, printing coordination, template design, copy editing, Word, FrameMaker, and TeX/LaTeX technical support, ordering and processing of film and photos, and scheduling of photographers are services offered by our Electronic Publications group.
- Design graphic and visual media.
Our ScientificArts Media group prepares and designs professional artwork and illustrations for a variety of published documents and site promotional materials. Check out their 3-D rendering of the BABAR detector (www-group.slac.stanford.edu/sciart/babar/).
- Develop content into web sites and manage SLAC's top-level web pages.
Working with content providers and ScientificArts Media, the Web Design group develops professional looking web sites that are well organized, easy to navigate, and designed for easy maintenance.

Stop by and see us. We are located near the Library on the second floor of the Central Laboratory (Bldg. 40), in Rooms Y201 and G204.

Let's Keep Our Students Safe!



IT'S THAT TIME OF year when SLAC begins to look like a school campus. The Operating Safety Committee would like to remind everyone that students need to be aware of safety, both while performing their summer jobs and while on the SLAC property. Last summer, five students sustained minor injuries and one student sustained a first aid laceration while working with a circular saw.

Here are a few suggestions for SLAC supervisors:

1. Make sure that students in your group(s) are adequately supervised.
2. Fill out an Employee Training Assessment (ETA) form for the student to determine if there are any training needs aside from the required Employee Orientation to ES&H (EOESH).
3. Assign each student to a Point-of-Contact (POC) person, someone who will mentor and assist them in working safely by answering questions or concerns on a daily basis. Have a one-on-one talk with each student upon arrival, review their building's emergency plan and explain how to perform their job(s) safely. Get feedback to make sure they understand.
4. Start each student with basic tasks that have a negligible hazard. Lead them gradually into more complex tasks, matching the work to their level of ability and maturity. Ensure that previous experience with the task includes a full knowledge of inherent hazards and safe operating procedures. Discuss tool operation and safety.
5. Use caution when assigning students to tasks involving elevated work surfaces, driving government vehicles, radiation or hazardous materials, lifting, or machine shop equipment. Provide appropriate personal protective equipment (PPE), and review SLAC's Lock & Tag Program before any electrical work.

With your assistance, our summer students can have a safe and rewarding summer job!

—Janice Dabney & John Turek
Operating Safety Committee