



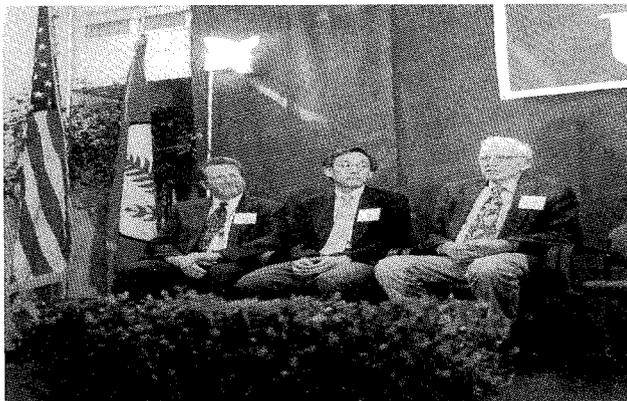
SLAC is operated by Stanford University for the Department of Energy

## Particle Astrophysics and Cosmology Institute Established at SLAC

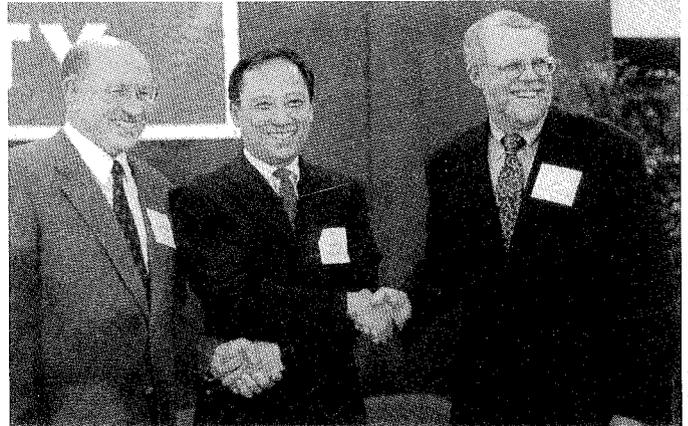
WHAT POWERED THE BIG Bang? What is the role of dark matter? These are some of the questions to be explored by future researchers at the Pehong and Adele Chen Particle Astrophysics and Cosmology Institute, which was funded by a \$15 million donation to Stanford University by the Chens, with the specific goal of developing this institute at SLAC.

A press conference was held at SLAC on Tuesday, March 6th, to announce the creation of this new institute, turning dream into reality, as noted by SLAC Director Jonathan Dorfan. Also on stage for this special occasion were Stanford President John Hennessy, Pehong and Adele Chen, Pisin (Pehong's older brother and SLAC physicist) and his wife Daphne Chen, Stanford Physics Department Chair Steven Chu, Ted Geballe, representing the Stanford Applied Physics Department, and DOE SLAC Site Office Manager John Muhlestein. The Institute will bring together people from the Stanford Physics Department, SLAC, and Stanford Applied Physics Department.

Dorfan introduced Pehong and Adele Chen, who both have graduate degrees in Computer Science, and also acknowledged their eldest son Albert, a freshman at Stanford, who was in the audience. "The combination of our scientific curiosity in this area and our technical capabilities has led us rather naturally to expand our



Present on the podium were (l-r) John Muhlestein, Director of Stanford DOE Site Office, Steve Chu, Chair of the Physics Department, and Ted Geballe, representing the Applied Physics Department.



(Photos: Harvey Lynch)

Stanford President, John Hennessy (r) and SLAC Director, Jonathan Dorfan (l) thank Pehong Chen for his and Adele's generous gift to Stanford.

horizons," Dorfan said, emphasizing the strong history of activity in this area on the Stanford campus.

President Hennessy thanked the Chens for their extraordinary generosity and pointed out that the Pehong and Adele Chen Particle Astrophysics and Cosmology Institute is "a tremendously exciting research facility that will continue the pioneering tradition for which Stanford is so well known." Because of this gift, Stanford has the potential of becoming a leader in the field of interdisciplinary research being done in the fields of particle physics, astrophysics, and cosmology. Referring to the failed efforts of Pisin Chen to recruit his brother to the field of physics, Hennessy told Pisin "if all your failures turn out so well, I have some additional tasks that I could use your help on!"

Pehong Chen, founder and CEO of BroadVision, related that he was brought up in a "deep Confucius background" and was encouraged (as were his siblings) to pursue a career in the scholarly fundamentals of science. His brother Pisin was seven years older and "got it a lot earlier than I did," explained Chen. After Pisin moved to the United States, he sent assignments to his younger brother in China, which included reading physicists' work from the beginning of the century.

(Continued on Page 3)



### Thanks to All for a Job Well-Done!

—Jonathan Dorfan

This month marked a major milestone in the *B* Factory program—physicists of the *BABAR* collaboration published their first paper in a peer-reviewed journal. The result is the most precise measurement to date of a quantity called  $\sin 2\beta$  (sine-two-beta). For an explanation of the relevance of this result, please see <http://www.slac.stanford.edu/slac/media-info/20010212/firstresults.html>.

The collaboration can be proud of achieving such an important result so soon after the commencement of data taking—it required a great effort on the part of the physicists to commission the detector, run it at extremely high efficiency and analyze the enormous amount of data produced by the machine in very short order. As is traditional, the physicists who make up the collaboration receive their recognition as authors of the paper. But not everyone who contributed to the success can be included in such an author list, and it falls to me to acknowledge and thank the hundreds of people without whose efforts this exciting outcome would not have happened.

Virtually everyone at SLAC contributed in important ways to realizing PEP-II and *BABAR*. And SLAC alone could not carry this project—the machine was conceived, designed and built in collaboration with LBNL and LLNL, while the detector was designed and built by professionals from over 70 institutions in the US, Canada, Britain, France, Italy, Germany, China, Russia and Norway. Knowing that I cannot provide a comprehensive list of all aspects of this effort, I would like to mention a few, to give the reader a sense of the breadth of talent and effort that was required.

In all key areas of performance, PEP-II pushed beyond the state of the art. New technical approaches were required for virtually every system. In conceiving and implementing PEP-II, we benefited from an extremely talented core of accelerator physicists. Some of the most challenging tasks lay in the design of the complex optics—the delicate interplay of magnetic elements needed to guide the beams in their respective rings and then to bring them into collision. PEP-II required an unprecedented number of stored bunches, closely spaced around the ring. Very special tools were developed to simulate the effect of one bunch on another so that highly sophisticated feedback systems could be implemented. A new level of diagnostics, beam and injection control was required. Like the

accelerator physicists, the engineering staff needed to meet new and uncharted challenges. The radio frequency system required new and novel techniques to handle the very high currents. Extraordinary attention to detail was required for the complex vacuum system of the high energy and low energy rings. The interaction region magnets presented very special problems. With the designs complete, large teams of procurement, administrative and support personnel ordered the materials and sub-assemblies so the extensive fabrication and installation effort could move forward. Hundreds of technicians at the three laboratories came together to complete this phase in record time, working countless extra hours.

Completing construction was not the end of the road—a large effort went into turning a well-built machine into a smoothly-operating Factory. The Accelerator Department Operations group played a special role in this phase. Last October, after a remarkably short time, the machine achieved all its design milestones—testament to the care, skill and dedication of the vast team that designed, built and commissioned PEP-II.

Paralleling the machine effort was the equally critical job of designing and constructing the detector, *BABAR*. Supporting the physicists was a multi-national force of professionals faced with designing and building parts of the detector in their different continents—all of which had to come together at SLAC to be assembled without any interference or even minor geometrical mismatches. While *BABAR* may look externally like your run-of-the-mill electron positron detector, this is not the case. The energy asymmetry and unusual geometry of the interaction point posed new and difficult design challenges for the *BABAR* design team. New approaches were needed from the engineers in the design of the magnet steel, in the way the silicon vertex detector was constructed and in the approach to separating particle species. Possibly the greatest challenge came in the area of data reduction and analysis where an entirely new paradigm, object-oriented technology, was used for the first time in a major experiment. Highly specialized computer professionals were needed to make this work.

Due to the willingness of the technical staff to work multiple shifts, 6 days a week, the final assembly effort, mounted by technicians from around the globe in many languages, was completed in record time. Like PEP-II, *BABAR* achieved an impressive level of performance and efficiency shortly after turn-on.

(Continued on Page 3)

## Greetings from the Acting Editor-in-Chief

I WAS RECENTLY APPOINTED acting Editor-in-Chief of *The Interaction Point* (TIP). Since then, I have been pleasantly surprised by the interest in the newsletter. People approach with good ideas for columns or notices, and there is an exciting range of topics that will continue to capture the essence of SLAC in upcoming issues—whether the subject is science, safety and environment, community, or individuals.

But isn't it always about the individual? The kind of support I've received from people as I step into this role has been gratifying and a good reflection on the product created by the previous TIP team, led by P.A. Moore. I am pleased to be accompanied on this editorial route by two experienced individuals—Vickie Flynn and Teri Peterson. Individuals in the Director's Office, Technical Publications, and other groups have consistently offered me their help on TIP.

Please feel free to call me at x3603 or email me at [Dabney@slac.stanford.edu](mailto:Dabney@slac.stanford.edu) to share your ideas on TIP.

—Janice Dabney

### Director's Corner

*(Continued from Page 2)*

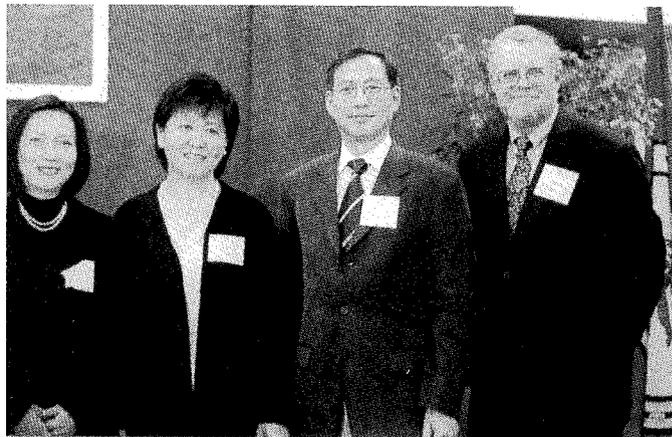
It is not possible to list here the names of all the engineers, technicians, computing specialists, safety specialists, administrative staff, and other laboratory and university staff who made *BABAR* and PEP-II such a success. As the PEP-II Project Manager and the *BABAR* Technical Coordinator, I wish to extend to each and every one of you my personal gratitude and deep appreciation for your contributions. You should feel extremely proud of what has been achieved and know that you have the admiration and appreciation of the physicists who are now reaping the scientific rewards that have come with the publication of the first *B* Factory results.

### Work Safe, Work Smart

Four injuries involving days away from work have been reported since the last update, according to Sharon Haynes, Workers' Compensation Coordinator. SLAC's record number of days between claims remains at 184 days.

## Particle Astrophysics and Cosmology Institute

*(Continued from Page 1)*



*Present at the Institute press conference were (l-r) Adele Chen, co-donor and her sister-in-law Daphne Chen, Pisin Chen of ARDA, and John Hennessy, Stanford President.*

This initiated Chen's still-present interest in this area of science and led him to conclude, "what we are enjoying today is really the result of a lot of great work by physicists who were at the root of the food chain one hundred years ago." He further stated that the gift from him and his wife grows out of their interest in "society as a whole" and where it will be another one hundred years from now.

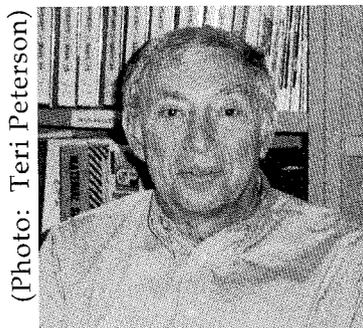
After the event, DOE Site Office Manager John Muhlestein conveyed the excitement of his department as expressed by Peter Rosen, Associate Director of DOE's Office of High Energy and Nuclear Physics. Rosen acknowledged that "this is an excellent example of the partnership between universities and DOE laboratories that has done so much to foster world-class physical science research in our country."

The Chen gift will be used to fund a new building at SLAC, which Stanford operates under contract with the Department of Energy, and an endowed professorship that would allow Stanford to recruit a preeminent scientist as the Institute's first director. Groundbreaking for the 25,000 square foot building, which is to be located near the SLAC main entrance, is expected later this year. The building will include conference rooms and an auditorium as well as office and laboratory space for approximately 90 people—faculty, students, scientific staff, visitors, and technical support staff. It is hoped that this new institute will become a world leader in the study of fundamental physics using the universe as a laboratory as well as using the laboratory to study the universe.

—Janice Dabney

See <http://www.slac.stanford.edu/slac/announce/misc/chen030601.html> and <http://www.slac.stanford.edu/grp/do/slaonly/allhands/2001-03-06a.pdf> for more information on this subject.

## Bienenstock Returns from Washington, D.C.



(Photo: Teri Peterson)

WATCH FOR A SPECIAL, two-part story beginning in the May issue of *The Interaction Point* on Artie Bienenstock's three-year term in Washington, D.C. at the Office of Science and Technology Policy.

## Meet Carmella Huser



(Photo: Teri Peterson)

CARMELLA HUSER IS the new Manager of Employee Relations in Human Resources. She comes to SLAC with extensive experience as a labor and employment attorney, and believes in the "open door" policy.

Huser spent 11 years with the law firm of Quarles and Brady, a large corporate firm (480 attorneys) based in Milwaukee, Wisconsin, though she telecommuted for the last three years. She was looking for a change of direction late last year and, while surfing the web, found the Stanford job opportunities. That led her to apply for and secure the job here at SLAC.

When not learning all of the protocols that go with a new position, Huser loves to spend time with her grandchildren (four girls, and three boys and one on the way), read, travel, camp, and sing. Sounds like a busy woman, and someone you might like to stop and get to know better. Her office is in the A&E Bldg., Room 238B, x2358.

—Teri Peterson

## April Events

**Talk, Walk, Clean StandDown:** Friday, April 20  
See <http://www.slac.stanford.edu/esh/standdown/standdown.html> for complete details

**Annual Service Awards Banquet:** April 18  
See accompanying story on this page

**Take Our Daughters to Work Day:** Thursday, April 26  
Contact Carmella Huser x2358 or Brenda Warren, x2355

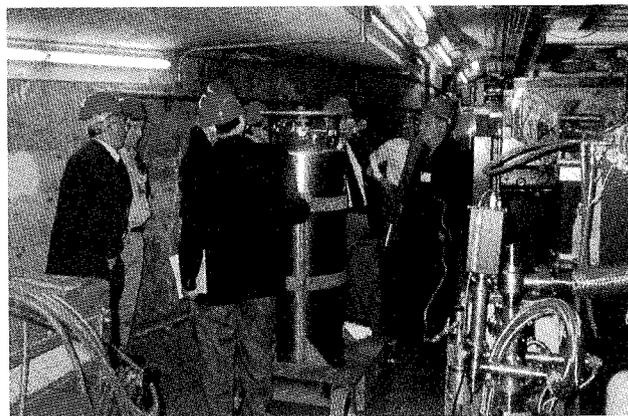
## Service Awards Banquet

THE LABORATORY IS BUSY preparing this year's banquet at which service awards will be given out to all regular employees who completed two or more decades of service to SLAC and the University during calendar year 2000.

Toward the end of February, advance notice of this event was mailed to all employees Human Resources identified who met this criterion; but they worry about someone being overlooked.

If you or someone you know has completed 20, 30, or 40 years of service to SLAC and the University last year (2000) and did not receive the advance notice memo, please call Lynn Thanash at x2265.

## NASA Ames Research Center Group Visits SLAC



(Photo: Nina Stolar)

A group of directors and researchers from the NASA Ames Research Center visited SLAC on February 1. After an introduction by Jonathan Dorfan and orientation to SSRL by Keith Hodgson, the group toured high energy physics and computing facilities at the lab. After a brief visit to the Test Lab, the group visited the klystron gallery visitors alcove, End Station A, BABAR, SSRL and the computer center.

## SLAC Employee Award Program

The SLAC Employee Award Program is underway (see article in the March issue of *The Interaction Point*). This award is to acknowledge exceptional citizenship at SLAC. Outstanding work performance should continue to be recognized through the annual performance evaluation and salary setting process. The website, <http://www.slac.stanford.edu/grp/do/slaconly/empaward.html>, gives complete information on the awards program. Entries are due April 30, 2001, and can be sent to C. Huser, MS 11.

## E158 Taking Beam

THANKS TO A HUGE effort of staff and scientists, E158 took beam in End Station A (ESA) for the first time on the evening of February 13. The beam was quickly tuned through the newly constructed spectrometer/collimator system and beam was observed into the entrance of Beam Dump East within a few shifts.

The experimenters then began the task of shaking down the apparatus and evaluating the primary signal and backgrounds. The first week was devoted to establishing a good beam tune, understanding the calibration detectors and generally debugging the hardware and software. A major milestone during this week was the observation of Moller scattering from the calibration Carbon target.

On February 21 and 22, there was a two-day shutdown in order to install the final collimators. The beam was reestablished quickly and the primary Moller signal was observed with smaller backgrounds. Indeed, the backgrounds were roughly at the level required for the main experimental measurement. The E158 spectrometer, one of the most ambitious projects undertaken in ESA to date, thus seems ready for physics.

In March, there was a shutdown to install the concrete shielding around the spectrometer in preparation for high power beam and also to install the quartz-copper calorimeter, which is the main detector for the parity-violating asymmetry measurement. The beam will be reestablished in the first week of April and a physics run is scheduled for April and May. It is hoped to accumulate roughly one-tenth the total approved luminosity for the experiment in this run, which would be accurate enough to demonstrate for the first time that parity is violated in the Moller scattering process. It is anticipated that the full statistics for the experiment will be accumulated in a longer run in FY02.

*-Krishna Kumar*

## Louise Addis Honored

MANY MEMBERS OF THE international scientific community pioneered early development of the Web. The real value to the HEP community emerged with the Web's ready interface to the Stanford Public Information Retrieval System (SPIRES) databases at SLAC. SPIRES supports databases covering experiments, institutes, publications and particle data. SPIRES-HEP, supported by the SLAC Library since 1974, is a 300,000-record bibliographic database accessible to the international high energy physics community.

Louise Addis, Associate Head Librarian at SLAC until her retirement in 1994, has been named winner of the 2001 LITA/Gaylord Award for Achievement in Library and Information Technology. LITA, the Library and Information Technology Association, is a division of the American Library Association. The award recognizes outstanding achievement in the creative use of information technology for improving or enhancing library services. "Louise Addis deserves credit as being the first librarian to realize and act upon the potential of the Web to serve library and scholarly communities" stated Dan Marmion, LITA/Gaylord Award Committee chair. For information on the award, see <http://www.lita.org/news/gaylord.html>.

In the tradition of high energy physics (HEP), the world of communication was revolutionized by the timely collision of CERN's efforts of synthesizing computer networking, information management and user interfaces with the maturing of the Internet in the US. In December 1991, when the Web was introduced to the high energy physics community, there were approximately 10 web servers worldwide.

The technical needs for international research collaborations on increasing volumes of experimental data drove this innovative community to develop the World-Wide Web. Many people throughout the world contributed to the development of this global enterprise, and Addis deserved this recognition.

*-Nina Stolar*

## SLAC Blood Drives

THE FEBRUARY 2001 BLOOD DRIVE participants totaled 60, including four first time donors. Many thanks for your vital support!

As you may know, a pint of blood can be separated into three components: plasma, platelets, and red cells. This time around, we were able to help 236 people, including female patients with cancer and a man undergoing coronary artery bypass surgery. Since 1989 SLAC donations have helped more than 10,186 patients.

Blood drives take place quarterly in the Panofsky Auditorium Lobby from 8:00am to 3:00pm and are open to members of the SLAC Community and the general public. Donors undergo a free mini-physical to

detect potential health risks. Cholesterol screening is included, and results are mailed to donors about three weeks after the blood drive. After donating, you can enjoy refreshments with other donors.

Please donate—you can make a difference. Upcoming 2001 Mobile Blood Drives for the laboratory community will be held:

Wednesday, June 6

Wednesday, September 5

Wednesday, December 5

URL: <http://www.slac.stanford.edu/grp/pao/blood.html>

*-Public Affairs*

## Be Ready to Ride it Out!



APRIL IS EARTHQUAKE AWARENESS month in California. On the basis of research conducted since the 1989 Loma Prieta earthquake, scientists at US Geological Survey (USGS) and other places conclude that there is a 70% probability of at least one magnitude 6.7 or greater quake striking the San Francisco Bay region before 2030. The 1994 Northridge earthquake and the 2000 Napa quake were on previously unknown fault lines, suggesting that the danger is greater than can accurately be estimated. Just ask anyone in Seattle!

In the event of a major earthquake, local emergency resources will be overwhelmed and respond only to the most serious incidents, so it is up to you as an individual to know as much as you can about earthquake preparedness. By taking proper measures, the potential for loss of life, personal injury, and damage to property can be minimized.

Be aware that ground movement during an earthquake is seldom the direct cause of death or

injury—most earthquake-related injuries result from collapsing walls, flying glass, and falling objects, or people trying to move more than a few feet during the shaking. Much of the damage in earthquakes is predictable and preventable. We should work together to help SLAC and our community become earthquake ready by applying our personal knowledge and skills to areas such as building codes, retrofitting programs, hazard hunts, and neighborhood and family emergency plans. In an emergency you can check the status of Stanford University and SLAC at the website: <http://emergency.stanford.edu/>.

During April, please visit the Earthquake Preparedness display in the lobby of the Cafeteria/Auditorium. Information will be available to help protect you and your family from the hazards of an earthquake. Questions about preparedness at SLAC can be directed to the Emergency Management Coordinator, Steve Mahaley, at x2095 or through email at [preparedness@slac.stanford.edu](mailto:preparedness@slac.stanford.edu).

—Steve Mahaley

## 10-Year Service Awards



ON JANUARY, 52 employees were honored for ten years of service at SLAC. Pictured above are some of these employees, who were awarded engraved SLAC wristwatches as well as 10-year Stanford service pins by SLAC Director Jonathan Dorfan. HR Director Lee Lyon served as emcee. The complete list of 10-year employees are: Chris Adolphsen, Scott D. Anderson, Terry Ash, John Azevedo, Eric Bong, Phillip Brunner, Marvin Brautigan, Craig Butler, George Caryotakis, Richard Cellamare, Teresa Cervantes, Brian Choi, Dumitru Ciorbea, Alan Conrad, Rebecca David, John Davis, Evan Economos, David Frisbee, Eric Gaillant,

Mike Grissom, Sam Heifets, Brent Hendry, Susan Hoerger, Elaine Hubbard, Mike Hug, Ralph Jacob, Miguel Jimenez, William Kaminskas, Karen Kruger, Gibson Locke, Ian MacGregor, Xiaotian (Stan) Mao, Takashi Maruyama, Albert Menegat, Matthew Neibel, Joseph Olszewski, Michael Perry, Robert Pushor, Raymond Radau, Patrick Reardon, Jose Regalado, Jeffrey Rifkin, Michael Saleski, Lori Shewchuk, Robert Shuler, James Simpson, Michelle Smith-Strand, Arthur Snyder, Joli Stieber, Joseph Stieber, Greg White, Anahid Dian Yeremian.

Congratulations to these employees.

## Homebrew Computer Club Reunion

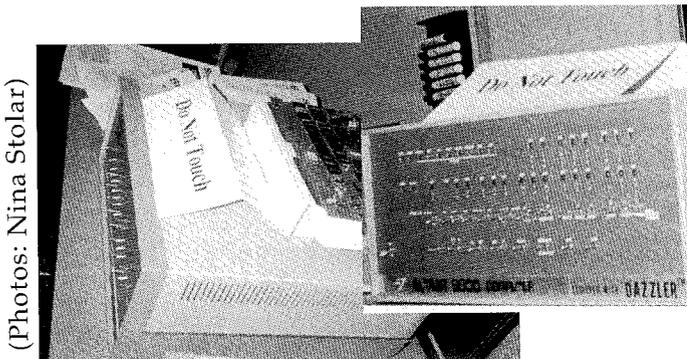
THE STANFORD-PALO ALTO Macintosh Users Group (SMUG) met at SLAC in early March to celebrate the 26th anniversary of Homebrew's first meeting. Organized by SMUG Board Member Fred Balin, this special evening featured three of the 1975 Homebrew original members. Ten of the original 32 people members attended the reunion. SMUG is one of the community groups that routinely schedules evening meetings held at SLAC.

Gordon French, an engineer, and Fred Moore, a Berkeley radical, were opposites as well as good friends. Together they came up with the idea for a club to deal with the (then) new computing possibilities. It was called The Homebrew Computer Club, and from its competitive yet collaborative cauldron emerged the formation of an industry, including the genesis of Apple Computer. A public notice was posted at Stanford, Berkeley and The Whole Earth Truck Store in Menlo Park, inviting people to a meeting at the home of French on March 5, 1975.

After membership grew, meetings soon moved to the Auditorium at the SLAC. Soon successful, even spectacular, businesses arose from this fertile ground. But the Homebrew Computer Club will probably be most remembered as a place where young people of incredible talent and interest worked insane hours for no money just to impress their friends. As one of the members said, "You can still see the same excitement in the eyes of young folks today when they begin to explore the wonders of computers and the Internet, stretch their imaginations, and look to the future."

A fascinating introduction to the club may be found in Chapter 10 of Hackers by Steven Levy (<http://tesla.whitelion.net/Hackattack/Chapter10.html>).

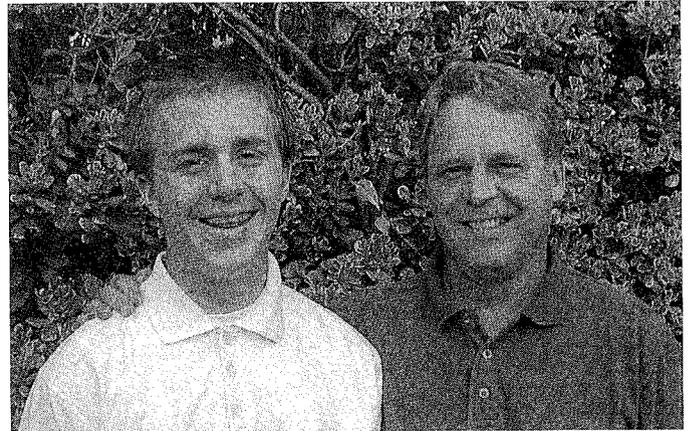
—Nina Stolar



(Photos: Nina Stolar)

*The January 1975 issue of Popular Electronics was hot off the presses, creating a seismic event in the lives of untold number of computer hobbyists. On the cover was a box with switches. It was called the Altair 8800, and was the very first personal computer.*

## People to People Student Ambassador



(Photo: Bill Wagner)

Lars Mauerman, stepson of Bill Wagner (AD), will be a member of the California People to People Student Ambassador delegation representing the U.S. in Australia this summer. The program was founded 45 years ago by then-President Eisenhower. He believed that if people from different cultures would come together in peace and friendship, their respective countries would soon follow. Lars will be representing Gilroy, CA and all of America overseas, spending 20 days in a variety of regions and cities in Australia. While some of the time will be spent snorkeling the Great Barrier Reef, Student Ambassadors will also meet with government officials and with other students in educational activities. If you would like to sponsor Lars, please contact Bill Wagner at x4116 ([bwagner@slac.stanford.edu](mailto:bwagner@slac.stanford.edu)) or send a check made payable to People to People and forwarded to Lars at 790 Eschenburg Dr., Gilroy, California 95020. To find out more about Student Ambassador Program, check out their website at [www.studentambassadors.org](http://www.studentambassadors.org).

*Same Doctor, Different Name: SLAC Physician Maria LUNGU is now Maria GHERMAN. Her new email address is [mgherman@slac.stanford.edu](mailto:mgherman@slac.stanford.edu).*



(Photo: Teri Peterson)



Realizing that the Administrative Services Handbook was terribly out of date, Ziba Mahdavi (in BSD's Business Systems and Laboratory Support Department) was charged with leading the effort to update the material, using the Web for rapid information delivery and updates. A large cross-divisional committee, made up of authors representing the Handbook, was formed to identify content. Then a smaller Gateway committee, made up of Ann Redfield (SLAC Library), Mahdavi and myself, designed the site. Terry Anderson, Technical Publications, developed the artwork.

The "Gateway" has little content of its own. Rather, it relies on links to other online materials. The scope of the linked information is broad, with some subset of information relevant to anyone who works at SLAC. Each link has a title, description, content owner (except for links outside of SLAC), and verification date. To keep the Gateway up-to-date, the Gateway committee will contact each content owner quarterly to confirm accuracy of the linked data. If you suspect misinformation or have suggestions for additional content, use the site feedback form or contact the Gateway committee directly at [HowDoI@slac.stanford.edu](mailto:HowDoI@slac.stanford.edu).

There are three ways to find information in the Gateway: (1) **Category:** Each title is sorted into one or more of the following categories: Administration, Communication, Computing, Human Resources, Physical Workplace, Policies & Procedures, Services, and Social. (2) **Search:** There is a search tool just for the Gateway. The site is also included in the SLAC search index. (3) **Titles:** All link titles are included in an alphabetical list. The site navigation (left and bottom of each page) includes links to each category, the search tool, the alphabetical list, the home page, and to a feedback form. Now the SLAC community can use the new "Gateway to SLAC Resources" as a portal to the abundant material available online at SLAC and Stanford.

Check out the site at <http://www2.slac.stanford.edu/gateway/> and send us your feedback. The Gateway will soon take the place of the "Working at SLAC" section on the SLAC Homepage. Also, please make sure to recycle your obsolete copies of the Administrative Services Handbook. For those without Web access, stop by the Library to use any of the public terminals to search the Gateway.

## But Can I Do It in the Office?



SOMEONE APPROACHED ME AFTER reading my last column about stress-reducers and asked with a chuckle, "But can you do these things on the job?" The question made me realize how easily we can take care of ourselves at work with a minor change of routine. Here's one way: stretching exercises in your

office, especially after a long sit at the computer. Contact Gloria Labrador, RN, COHN, in the Medical Department (x4383; [gloria@slac.stanford.edu](mailto:gloria@slac.stanford.edu)) and let her review your work area to discuss particular ergonomic challenges. She can give you a selection of exercises specifically geared to your needs.

And an interested SSRL employee reminded me of an often-forgotten step toward personal safety: call SLAC Security (x2551) if you would like an escort to your car. Though the evenings are getting lighter, you may need to park farther from your building because of new construction projects. Your arms are full of those proposals you need to review at home and you have no free hands to carry your car key in a ready position. Waiting a few more minutes for the guard to arrive is small payment for a safe journey home. Treat yourself to the attention you deserve.

*-Janice Dabney, Chair  
Operating Safety Committee*

## Milestones

### DECEASED

**Carlson**, Alvin, age 79, retired (from Accounting), on 3/5/01

### AWARDS

**Addis**, Louise, retired Associate Head Librarian, winner of the 2001 LITA/Gaylord Award for Achievement in Library and Information Technology. (see article, page 5)

**Panofsky**, Wolfgang K. H., Emeritus Director, "International Scientific and Technological Cooperation Award of the People's Republic of China" in a letter from Huang Yingda, Director of the National Office for Science and Technology dated February 21, 2001.

**Prabhakar**, Shyam, 2001 APS Award for Outstanding Doctoral Thesis Research in Beam Physics.

Do you have a Milestone you would like published in TIP? Just email [tip@slac.stanford.edu](mailto:tip@slac.stanford.edu).