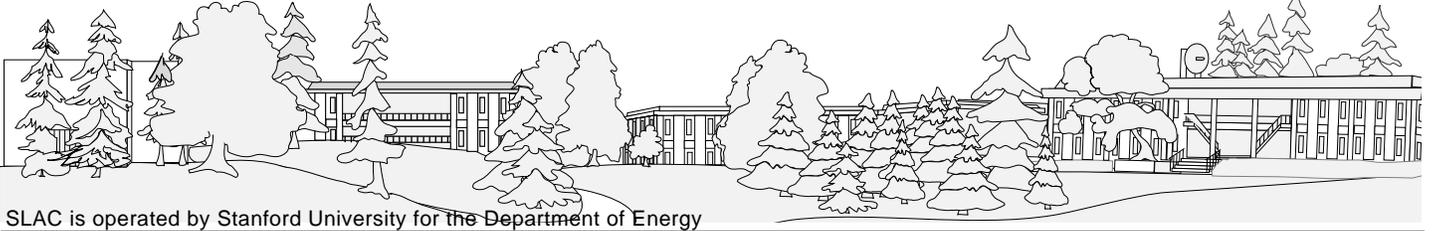


The Interaction Point

Events and Happenings
in the SLAC Community
October 2001, Vol. 12 No. 9



SLAC is operated by Stanford University for the Department of Energy

Summer Undergraduate Program

THE SLAC ENERGY RESEARCH Undergraduate Laboratory Fellowship (ERULF) Program 2001 program had its full complement of 25 students this year. The eight-week summer internship consisted of three components: research experience with a SLAC mentor; a lecture and seminar series; and tours of nearby research and commercial facilities. The students were primarily physics or science and engineering majors, and the goal of the program was both to enhance the technical matriculation of the students, as well as have them contribute to the ongoing research programs at SLAC.

One of the students, Pablo Goldenzweig (see photo), was mentored by Katerina Baur of SSRL. "He helped my group explore the feasibility of a new *in-situ* trace impurity analysis technique on silicon wafer surfaces," said Baur. Goldenzweig was very motivated and enthusiastic about his summer project. "He is now considering going to graduate school for a future career in science, based on his experience in the ERULF program," said Baur.

Each participant received a certificate, presented here to (r) Pablo Goldenzweig (senior/masters level student at Binghamton University, NY) by Helen Quinn and James Lindesay.



(l-r) Education Director Helen Quinn and Program Director James Lindesay present the Ernest Coleman Student Award to Karen Peterson. Each year the awardee's name is engraved on a plaque which resides in the Visitor's Center.



Pictured above are all ERULF students, plus program staff including Helen Quinn, James Lindesay, and Lynn Thanash. Students (in alphabetical order): David Attanasio, Erin Aylward, Roger Baker, John Castro, Timothy Cheers, Sean Corum, Ben Cotts, Nancy Fathali, Michael Ghebrehghan, Pablo Goldenzweig, Lindsay Hopkins, Anna Hurst, Sameh Kamel, Catherine Kealhofer, Chris Lawyer, Juanita Lee, Mary Manning, Rajnesh Narayan, Karen Peterson, Andrew Puryear, Jolene Robin, Alexander Sekon, Preeti Shanbhag, Sabrina Turner, Charlezetta Wilson.



(l-r) Lab Director Jonathan Dorfan joined students John Castro and Ben Cotts in the lunch line.

(Photos: Courtesy of SU Visual Arts staff photographer.)

Director's Corner



Excerpts from Jonathan Dorfan's Opening Address at the Noontime Gathering at SLAC on September 13, 2001: International Solidarity

Tuesday, September 11, 2001, was a horrific day, possibly the worst single-day tragedy in the more than 200-year history of our country. In a very real sense, it corresponds to the loss of innocence of our Nation. Our lives, indeed the lives of all people in the free world, are forever changed by this dastardly and heinous act of terror.

The emotional stress, and the sense of horror and bewilderment will linger with all of us for a long time. The scene was Hollywood-esque, but tragically it was not a celluloid fantasy. The image of a huge commercial jet airliner disappearing behind the north tower of the World Trade Center and its explosive exit from the south tower will forever be imprinted on our memories. The dramatic collapse of the two towers and the knowledge that thousands of people remained trapped in the buildings is chilling. The vulnerability of our Nation's capital to attack by conventional "weaponry" is a shocking revelation. As this tragedy plays out, a sense of helplessness and futility gnaws at each and every one of us. That we are unnerved and emotionally drained by this event is to be expected.

But it is critical to return, as soon as we can, to our normal lives. We cannot allow such acts of terror to destroy the fabric of our free and democratic society. You are all to be commended for the way you have conducted yourselves in the workplace these past few difficult days, and I thank you for your support of my determination to keep the Laboratory open.

I want you to feel assured that we are taking every reasonable precaution to ensure that the workplace at SLAC remains safe. We will continue to monitor the national scene for indications of further trouble...Let us remember that acts of terrorism are meant to cause fear, suspicion and chaos, but we will not allow whoever perpetrated this atrocity to succeed. We must not let this become an opportunity for division or intolerance. As fellow colleagues and human beings, we need to support each other through this very difficult time.

We have received warm and supportive messages from the scientific community around the world—and I would like to share some of them with you.

To Everyone at Brookhaven National Laboratory, Fermi National Laboratory, and Stanford Linear Accelerator Center:

Those of us at KEK still do not know the words for how to convey our thoughts and feelings to you after this unbelievable terrorist attack in the USA. The world changed on that day. We are with you in sharing both deep sorrow and in trying to recover from the formidable shock of these events. On behalf of all the KEK staff, I send our sincere sympathy and condolences to the victims, their families and friends.

At the same time we hope that no one in your laboratory was involved in the horrible destruction. Our physicists staying in the US under the Japan-US high energy physics cooperation were found safe. I believe they are not discouraged by the attack but remain devoted to their collaborations.

H. Sugawara, Director General
KEK, Japan



Dear Mike, Jonathan, John, Maury, Charles,

I'd like to express to you all my solidarity and that of your sister lab, CERN, for the barbarous attack to America and, in fact, to the civil world. Nothing can justify what we have seen and what has been inflicted to you.

I hope sincerely that none of your people has been involved.

Non prevalebunt!

Luciano Maiani, Director
European Organization for Nuclear Research (CERN), Geneva



Dear Friends,

With deepest shock we have seen the totally senseless attack on humans and institutions in the US. Helpless, as anyone in this situation, we would like at least to share with all of you our deep sympathy.

Scientific collaborations have played for many years an important role in fostering the understanding of humans across borders. I hope this spirit will finally win over fanaticism.

Please let us know how we can help.

In the name of all persons working at DESY.

Albrecht Wagner, Director
Deutsches Elektronen-Synchrotron (DESY), Hamburg



Dear Jonathan,

Here are our deep sorrows on the occasion of the tremendous tragedy of the US nation, which is please believe, the tragedy of the whole modern world.

Please accept again our most sincere condolences on this frightening tragedy, but life is continuing and we have to do as much as we can for the success of our collaboration as our best contribution into improvement of this imperfect world.

Alexander Skrinsky, Director, & BINP Scientific Council,
Budker Institute of Nuclear Physics (BINP), Novosibirsk

Susan Witebsky Promoted

(Photo: T. Peterson)



PLEASE JOIN THE ENVIRONMENTAL Protection and Restoration (EPR) Department of the Environment, Safety, and Health (ES&H) Division in welcoming Susan Witebsky to her new role as Assistant Department Head.

As an Environmental Engineer, Witebsky's eight years at SLAC have included managing projects to analyze and fix soil, groundwater, and stormwater problems. These challenges include the chemical impact from: 1) electrical power for high energy research experiments; 2) shielding for health and safety during particle research experiments; 3) pollutants from manufacturing and maintaining parts for research (such as plating and painting); and 4) pollutants from the storage, handling, and disposal of bulk chemicals.

Witebsky has recently been applying her expertise to water issues, including how groundwater intrusion into the tunnels impacts industrial wastewater (the sewer) and surface water (such as creeks and the Bay). In addition, Witebsky is one of the recipients of a 2001 SLAC Employee Recognition Award.

Witebsky received her Bachelor of Science degree in Earth Sciences from the University of California at Santa Cruz and her Master of Arts degree in Geology from the University of Texas at Austin. She began her career at the Department of Water Resources, State of Victoria (Melbourne, Australia) by conducting groundwater resource assessments. Witebsky then worked for a Bay Area consulting firm that contracts to SLAC on geotechnical and environmental projects.

In her new role, Witebsky will assist with the overall management and direction of EPR. She will focus on integrating sewer, stormwater, and groundwater environmental programs to continue developing innovative solutions to the complex and expensive water issues that cause us regulatory and public scrutiny, in addition to impacting our research.

We congratulate Witebsky and welcome her to her new position.

—Hillary Russak



The flag at SLAC's Palo Alto Fire Department Station flew at half-mast after the September 11 tragedy.

Billie Khan Heads Tech Pubs

(Photo: T. Peterson)



WHEN BILLIE KHAN STEPPED onto the SLAC Campus to interview for the position of Technical Publications Manager, she immediately liked what she saw.

"SLAC has a very independent culture. I see it, and I like it. I particularly like the international part of it," Khan said, as she was interviewed in her new office, sitting in an undersized chair behind an oversized table. "I'll be getting chairs high enough to reach the table soon," she said, as Brent Johnson from Site Engineering walked through the door carrying a slightly used, wall-sized whiteboard covered with the ghostly equations of its past owner.

Khan is relaxed, cheerful. Her office furniture may be mismatched, but she nevertheless appears to be a good match for her office. "I see our job in Tech Pubs as communicating science, and communicating with scientists," Khan said. "I'd like to make it easier for scientists to write papers, to find and track papers."

As Tech Pubs manager, Khan will oversee a talented group of artists, writers, web and document specialists. "What we're trying to do, bottom line, is to support the laboratory's projects through graphics, through web access and to help authors through the documentation process," Khan said.

Khan sees that the software developers she previously worked with have a lot in common with physicists here at SLAC. "They have a focus," she said. "They are busy researching, creating. It's a whole other effort to write it down. Our job in Tech Pubs is to support that. With physics as in software no matter how great the product is, no one knows about it or uses it if the information doesn't get out."

Khan received her bachelor's degree in physical anthropology and her master's in writing. Now settled in Foster City with her two "mutt" cats, Khan had previously commuted from her home in Guerneville to the Bay Area to various software firms where she served as a technical writer and manager. Khan was also a business analyst with Kaiser Hospitals, "defining business requirements, like what a computer system needs to do," she said. "There was a lot of technical writing involved."

Khan would like to learn what SLAC's client population is looking for and respond to that. To that end, you may email Khan with your questions or suggestions about publishing at SLAC (bkhan@slac.stanford.edu or x4137).

—Lesley Wolf



October is National Energy Awareness Month

FEDERAL ENERGY MANAGEMENT PROGRAM (FEMP) is celebrating Energy Awareness Month with the Department of Energy's theme, "Be Energy Smart." The campaign stresses the importance of conserving energy and making intelligent, clean energy choices at home, at work, at school, and on the move. FEMP encourages energy efficiency as a significant way to reduce the cost of government and to demonstrate leadership by example. FEMP also recommends implementing simple things to save energy. Go to the SLAC Energy Management web site at www.slac.stanford.edu/slac/energy/ for Energy Conservation Tips and energy related links.

SLAC is preparing to participate in the "DOE Day" energy conservation fair on October 4th, which will be staged in the Oakland Federal Building plaza with a SLAC booth being set up along with other 25

exhibitors. The general public is invited and more than 2,000 visitors including school age youngsters are expected to attend this fair. You can find a DOE Day flyer on the DOE/OAK website at: <http://www.oak.doe.gov/oakland1.html>.

At SLAC there are many opportunities to save on energy; however, many projects require upfront investments, which are somewhat difficult to obtain. We are currently soliciting funding for projects with a payback period of less than three years. We have also applied for a California Energy Commission (CEC) grant of \$100K for the Klystron Gallery Lighting Upgrade project.

In August, one of the ideas in process for saving energy was to purchase desk lamps. We now have energy efficient desktop lamps; you can contact your Building Manager to obtain one for your desk.

-Luda Fieguth



Administrative Peer Review Held at SLAC

THE FIRST EVER ADMINISTRATIVE Peer Review was held July 18-20, 2001. The purpose of the Review was to get a small group of outside experts to provide an independent and objective assessment of SLAC's administrative service functions. The reviewers looked at areas such as customer satisfaction; efficiency and effectiveness; follow-through and timeliness; use of "Best Business Practices"; and compliance with applicable statutes, regulations, and contract requirements. The Panel's report is advisory in nature and was sent to the SLAC Director.

The charge to the Peer Review Panel was to evaluate each administrative service area with regard to the following criteria:

1. Is each area pursuing high quality standards through the use of relevant performance-based criteria?
2. Are the service functions pursuing their mission in a cost effective and efficient manner?
3. Are the service functions aligned with the programmatic goals of the Laboratory?
4. Are the service functions achieving an acceptable level of customer satisfaction?

In addition, the Panel was asked to identify areas that it believed merited special recognition, and areas that warranted special attention for targeted improvement.

Panel members included Karl Heins, Director of IT Audit Services at University of California; Bruce Chrisman, Associate Director for Administration at FermiLab; Bob Camper, Facilities Manager at LBNL; Susan Murphy-LaMarche, Deputy Director for HR at PPPL; Stanley Wheeler, SLAC's DOE Contracting Officer; Mark Waite, Business Services Director at JLab, and Gloria Kwei, Manager of HR at LLNL.

SLAC service groups participating in the peer review included Procurement, Budgets, Accounting, Human Resources, Property Control, Business Applications Support, Records Management, User Support, Security, Technology Transfer, SE&M, Library, Technical Publications, and ES&H Training.

In summary, the Panel found that there were no major problems. They identified several processes where there appeared to be an opportunity for an improvement in efficiency. Those with the greatest potential were identified as travel expense reimbursement, budget disbursement review and cost accounting disbursement review.

In the coming year, each of the participating groups will be examining the findings contained in the Panel's report and implementing actions to address those findings.

-Jerry Jobe



From the SLAC Library
Lesley Wolf

Education a la Carte

SO, MAYBE YOU'RE THINKING about taking a class to upgrade your engineering skills, or perhaps you just want to take those flabby neurons out for a little exercise. Maybe you want to learn to program in C++, or build a better web page. You can do this in the comfort of our SLAC Library Learning Center.

The Learning Center has a new television monitor and hookup to receive classroom broadcasts from the Stanford Instructional Television Network (SITN) where more than 70 science and engineering courses are broadcast each quarter. Imagine attending Stanford University through a TV set!

The SITN classroom is interactive. A phone is available in the Library Learning Center so that the tele-student can ask questions of the instructor or participate in class discussion.

The broadcast schedule for SITN may be difficult to find because it is listed in the offerings of the Stanford Center for Professional Development (SCPD). The website for SITN courses is <http://scpd.stanford.edu/scpd/courses/academic/sched.htm>.

A sample of the Stanford Courses available through SITN for Autumn, 2001:

- Object Oriented Systems Design
- First Year Japanese Language, Culture and Communication
- Feedback Control Design
- Introduction to VLSI Systems
- Introduction to Computer Graphics

You may audit the course at no charge to learn the information, or you can enroll in a variety of distance learning programs where the work will count for a grade. For example, the School of Electrical Engineering at Stanford has a program, called the Honors Cooperative Program, whereby those working in the field of engineering can receive an MS degree through SITN courses.

Ask at the SLAC Library Circulation Desk for more information, or call ext. 2411.

Work Safe, Work Smart

NO NEW INJURIES INVOLVING days away from work have been reported since 6/26/01 according to Sharon Haynes, Workers' Compensation Coordinator. The number of calendar days between then and this update of 9/13/01 is 79 days. SLAC's record number of days between claims involving days away from work remains at 184 days.

Nancy Hendry Retires



Pief Panofsky (second from left) with his assistants (l-r) Barbara Bridges, Mary Beth Beerbohm, and Nancy Hendry—who have served the Director's Office at SLAC spanning 35 years.

NANCY HENDRY, ASSISTANT TO Director Emeritus Pief Panofsky, retired June 30, after working at SLAC for ten years and at the Stanford Center for Materials Research for seven years. Along with Hendry at her retirement luncheon were two other Panofsky assistants: Mary Beth Beerbohm who assisted Panofsky from 1965 until her retirement in 1993, and Barbara Bridges, Hendry's replacement.

Hendry is looking forward to spending time with her first grandchildren, twins Louisa and Calvin, born in June to Ann and Brent Hendry (formerly of SLAC's Affirmative Action Office). Panofsky understands Hendry's anticipation—his first two children were twins!

Panofsky served as SLAC's first director from 1961 until his retirement in 1989. As Director Emeritus he maintains an office in the Central Lab and continues to keep Bridges busy with his membership on national committees and task forces and international travel. If you haven't already met Bridges, stop by and introduce yourself the next time you are in the Central Lab.

—Rene Donaldson and Carol Bechtel

Tips from TIP

◆ SLAC will be closed during the holidays, from the end of the day Friday, December 21, 2001 at midnight through Tuesday, January 1, 2002, except for those needed to ensure safety and security.

◆ The Cyber Faire will be held October 31 from 10am-2pm in the Auditorium/Breezeway. Watch for flyers.

◆ Who won the annual softball game, Theory vs Experimental held on September 29? Check out the website at <http://www.slac.stanford.edu/gen/pubinfo/Softball/game01.html> for up to the minute results.

Alonzo W. Ashley Career Development Fellowship

The Ashley Fellowship was created in honor of Al Ashley in 1999, on the occasion of his retirement. During his 30-year tenure at SLAC, Ashley pioneered programs that promoted diversity and encouraged career development for talented students and employees. For details on this exciting program, see web page <http://www-group.slac.stanford.edu/hr/er/fellowship/awa-fellowship.html>.

Nick Arias Completes Year as 2000 Ashley Fellow

(Photo: T. Peterson)



NICK ARIAS HAS COMPLETED his freshman year in Computer Science at Cal State Hayward thanks to the opportunity he received as the first recipient of the Ashley Fellowship (see <http://www.slac.stanford.edu/pubs/tip/pdf/tip0700.pdf>).

During his fellowship year, Arias went to school full time and worked part-time at SLAC on various projects for the NLCP (Next Linear Collider Program).

The fellowship gave him a jump-start to his college education; but going back to school in a rapidly changing computer field was not an easy task. His hard work paid off. Arias completed his first year of school with a 3.5 grade point average.

Arias urges other employees to apply for the Ashley Fellowship. "People are missing a great benefit," said Arias.

START Off to a Good Start!

IN AUGUST, THE SAFETY Toward Avoiding Risk Today (START) process had its 1st annual fun BBQ. Among the turn-out of 100 people included guests Jonathan Dorfan (DO), Ewan Paterson (TD), Irene Boczek (ESH), Ken Kase (ESH), and Janice Dabney (TD). Also attending were three behavior-based process teams from other companies who came to share their information and experiences. Mike Smith (pictured below) was given an award of appreciation from Ken Kase and Ewan Paterson for completing two years as Facilitator of our group.

(Photo: T. Peterson)



"We all had a good time and Jonathan said some supportive words to inspire the group," said David Toews, new Facilitator of the START process. He would like to thank all of those folks who attended, and give a special thanks to those who helped with the set-up and clean-up for the event.

—Dave Toews

Editor's note: The START Program was featured in the July 2001 issue of TIP (<http://www.slac.stanford.edu/pubs/tip/pdf/tip0701.pdf>)

William Colocho Awarded 2001 Ashley Fellowship



(Photo: J. Ashton)

(l-r) William Colocho is congratulated by Al Ashley.

WHEN WILLIAM COLOCHO, ENGINEERING Operator in Charge (EOIC) in the Main Control Center (MCC), learned about the availability of the Ashley Fellowship, he began to get a lot of ideas about what he could do with a year off from his regular rotating assignments at MCC. Although Colocho already had a degree in Physics, he knew he needed more computer and accelerator coursework to advance in his career. He also knew there were projects that could be done at SLAC to make the work he and others were doing more efficient, if only someone had time to do them. So he wrote up his ideas and applied for the Ashley Fellowship.

Colocho came to SLAC shortly after his graduation from Cal Berkeley nine years ago. In his job, Colocho meets physicists, engineers and other experts who bring theory and experiment together to improve "the machine." Although Colocho enjoys working with this "pool of brain power," he realizes how complicated the work can become, especially for people just entering the job. So, in addition to taking computer and accelerator classes, one of the tasks Colocho would like to complete during his fellowship year is to provide more formal documentation so that new people coming in as operators can better learn the complicated systems. He also hopes to establish an electronic logbook that would allow operators to more efficiently search for answers to recurring problems before calling in a systems expert for help.

Colocho was delighted to be chosen for the Ashley Fellowship and has felt very humbled by his selection. He will now have the opportunity to make his ideas a reality.

—Carmella Huser

Resources from Erin Smith Joins HR Staff

(Photo: T. Peterson)



ERIN SMITH HAS JOINED the Employee Relations staff in Human Resources as an administrative associate. A recent graduate of the University of Puget Sound in Tacoma, Washington, Smith

brings both her educational background in business and her creativity as an artist to her new job. Smith will be responsible for SLAC's annual summer fellowship program, and for the STAP and tuition reimbursement programs. She will also assist Employee Relations with training and other SLAC-sponsored events.

Smith applied at SLAC because of her interest in physics. She had remembered her high school physics teacher talking about the important work being done at SLAC. After the first month, Smith is enjoying her new job. She likes the people and especially enjoys the supportive work environment she has found here. The only thing she really misses is the Oregon rain!

Smith spends her free time painting and doing ceramics. Her surrealistic paintings—in the Salvador Dali genre—and ceramic creations have attracted buyers from her coffee house shows. They have also proven to be popular as gifts for friends and family. A soft-spoken woman of many talents, Smith also enjoys working on old cars, playing the oboe and reading.

We are all looking forward to working with Smith and enjoying the creative touch she will add to our activities at SLAC.

HR Welcomes Linda Ahlf

TAKING CARE OF PEOPLE has always been an important part of Linda Ahlf's career. So accepting a job as an administrative associate in SLAC's Human Resources department seemed like a good fit for her talents. After working in service-oriented jobs in hospitals and hotels, Ahlf sold her home in Walnut Creek and moved to an apartment in Redwood City. She worked for a short time in Stanford's Human Resources department prior to coming to SLAC. She enjoyed working in HR, so when Barbara Johnson recently retired, Ahlf applied for Johnson's position and was selected by Lee Lyon.



(Photo: T. Peterson)

Ahlf really likes her work at SLAC. She enjoys the variety of job duties in her new position and is anxious to learn more about the many ways that Human Resources serves the SLAC community. Having had some experience in the chaotic world of dot com companies, she likes the stability of working at SLAC. She also enjoys exchanging a 45-minute commute from Walnut Creek to an easier 10-minute commute from Redwood City. Her favorite part of working at SLAC, however, is meeting all the friendly people who work here.

Ahlf's choice of recreation includes both biking and hiking. In addition, she enjoys spending time with her three nieces and nephews. We welcome Ahlf to our SLAC family.

—Carmella Huser



SLAC Run, Walk, 'n Roll



THE 30TH ANNUAL EVENT will be held on November 1, 2001 at noon. The course starts on the south side of the Klystron Gallery at Sector 30, continues around the end of the gallery, and ends on the north side, again near Sector 30. The course length is officially 3.8 miles plus 66.5 feet. Ken Moore won the first race in 1972 with a winning time of 24 minutes, 24 seconds (24:24) and Geoff Bodwin is the record holder with a time of 19:19. The event has changed over the years. No one is quite sure when the walking event was added, but the walking course is two miles long and is not timed. Our largest participation (95 runners, 15 skaters, and 48

walkers) occurred on our 25th annual event in 1996. That year also featured new events: an inline skate race, boxed lunches, and for the first time, walker participation was recorded. Keith Reynolds won the first skate race with a time of 14:48, and Knut Skarpaas VIII holds the record with a time of 12:12. The 2000 race proved to be a wet one, with torrential downpours. Hopefully the weather will be better this year. To participate, visit www-project.slac.stanford.edu/slacrace/ to pre-register (not required), pre-order a lunch or t-shirt, learn about volunteer activities, and view the results of prior events.

—Ruth McDunn

The BBC (www.bbc.co.uk/) has made a script available to improve web content accessibility. The script is named "Betsie" and converts web pages instantly to a text-only version. The user of the page can then modify the appearance of the resulting page in terms of font size, style and color. The script has been modified, slightly, to run under SLAC constraints. If your web page is located on any of our four production web servers (www.slac.stanford.edu, www2.slac.stanford.edu, www-group.slac.stanford.edu, www-project.slac.stanford.edu) or the development server (www-user.slac.stanford.edu), then you can use this script on your page by simply inserting the following link:

```
<a href="http://www.slac.stanford.edu/cgi-wrap/textonly.pl">Text only</a>
```

To test the script, go to the SLAC welcome page (www.slac.stanford.edu) and use the "Text Only" link in the upper left corner. Other scripts available at SLAC are documented on the "Accessibility Scripts" web page (www.slac.stanford.edu/slac/authoring/scripts.html).

Mark your Calendars

"The Once and Future Web" is a symposium that will be held at SLAC on December 3-4, 2001 on the occasion of the 10th anniversary of the first US Web server installation. An impressive list of speakers has been assembled. Visit the web site for details (www-project.slac.stanford.edu/webanniv/).

Special Program to Aid SLAC Bicyclists



WE AT SLAC WANT everyone to arrive safely at work each day and stay healthy for a safe return trip home. The recent bicycle fatality on Sand Hill Road reminded everyone that our daily routines or the actions of those who share the road with us cannot be taken for granted.

The Operating Safety Committee, in response to concerns expressed by the SLAC community and in recognition of the severity of the accident outside our gate, has formed a Bicycle Safety Subcommittee. This team is comprised of a few experienced bicyclists, including a knowledgeable safety engineer. In addition, the Manager of Safeguards and Security will be on hand to assist with procedures, signage, and act as a liaison with Stanford University.

In the next few months, this OSC subcommittee will come up with ways to heighten SLAC employees' awareness of bicycle safety, both from the standpoint of the person riding the bicycle and a person sharing the road in a different vehicle. We are pleased to report that the magnetic loop in the left-turn lane departing SLAC at the Main Gate has been installed and now triggers the light for waiting bicyclists.

Keep watching this column for progress in this area, and contact me (dabney@slac.stanford.edu) with ideas on how to ensure safe travel for all vehicles within our extensive SLAC boundaries.

-Janice Dabney
Chair, Operating Safety Committee

Milestones

BIRTHS

Raubenheimer, Tor, (NLC) and his wife Susan Fernyak gave birth to a daughter, Katherine Cade, on 9/4/01

Fangupo, Lata, (SEM) and her husband Solomone gave birth to a son, Opeti, on 7/1/01

Adair, Lisa, (SEM) and her husband Michael gave birth to a son, Jalen, on 9/12/01

Winstead, Tim, (Facilities Design Services) and his wife Aileen gave birth to a son, Dillon, on 7/9/01

Hogan, Mark, (ARDB) and his wife Holly gave birth to a son, Jack Michael, on 8/28/01

RETIRED

Johnson, Barbara, Human Resources, 08/31/01

Montgomery, James, ASD Engineering & Tech Services, 8/27/01

Umemoto, Tadao, Mechanical Design, 08/31/01

DECEASED

Biro, Lewis M. ("Mike"), 86, retired from Klystron Dept. on 3/31/89. Died 5/25/01

Do you have a milestone you would like published in TIP? Email to tip@slac.stanford.edu. Look at the TIP website, <http://www.slac.stanford.edu/pubs/tip/tip.html>, for expanded MILESTONE coverage! You may submit items to this website online.