SLAC Celebrates 40 Years of Discovery

Officials, Nobel Laureates Honor Staff Achievements
By Neil Calder

All members of the SLAC Community are warmly invited to participate in two great celebrations. Please make sure you do not miss Family Day 2002 on September 14 and our 40th Anniversary Open House Celebration on October 2.

Commemorating the 40th anniversary has been a theme evident in many laboratory events such as the 10-, 20-, and now 40-Year Service Awards. “I am privileged to have seen all of SLAC’s 40 years,” said Sid Drell, Chairman of the 40th Open House Organizing Committee. “It has been a wonderful period of scientific and human achievement. I hope all of you will share in the anniversary events.”

Anniversary Open House
A huge test on The Green will set the stage for a unique day at SLAC on Wednesday, October 2. Please join our guests from all over the world at the Open House Celebration. This will be an opportunity for the SLAC Community to come together and take stock of what we have achieved over the last 40 years.

Festivities commence at 1:00 p.m. with multimedia presentations highlighting past and present laboratory activities. The talks will be affectionate reviews of the history of our laboratory, highlighting the contributions of all staff.

We have invited many founding members of Project M (for Monster, SLAC’s original name), both retired and still working at SLAC, who helped get us started. The response has been remarkable. Many of these pioneers will attend the festivities on Wednesday afternoon.

SLAC Director Jonathan Dorfan joins several speakers, including DOE Office of Science Director Raymond Orbach, Fief Pansky and Burton Richter to recall some great moments in SLAC’s past and look toward our future. We want to thank you—SLAC’s superb staff members so essential to our success. The afternoons will finish with a reception on The Green at 4:30 p.m.

You are Invited
Please RSVP for the afternoon’s activities so that we can prepare your badge and souvenir kit. The kit will include a commemorative photo book richly documenting the first 40 years of SLAC.

You can RSVP on a special Web page: https://www-internal.slac.stanford.edu/

40th Anniversary Open House Program
1:00 p.m.—Gathering of Friends on The Green
1:30 p.m.—Welcome by Jonathan Dorfan and Selected Speakers
4:30 p.m.—Reception Follows Presentations

Family Day 2002
Everyone is welcome! Bring your spouse, partner, children and friends to Family Day 2002 on Saturday, September 14. This day comes first to honor your contributions to our success and we want all your families and friends to be involved. The party starts at 10:00 a.m. and goes through 4:00 p.m. with free food and entertainment for all. To find out more about Family Day, see http://www-project.slac.stanford.edu/familyday/

Special Family Day to Honor SLAC’s 40th
By Carmella Huser

It’s SLAC’s anniversary and we’re “Celebrating 40 Years of Accelerating” at Family Day on Saturday, September 14 from 10:00 a.m. to 4:00 p.m. The entertainment, food, games and science are sure to please partygoers of all ages. So come early, bring your family and enjoy the fun.

Center Stage, on the patio of the A&F Building, is the place for music, magic and entertainment. We’ve imported our fabulous DJ, Eddie McGee, straight from ES&H! Eddie will feature songs from the 60s — when it all began — to the present, as well as ethnic dances and tunes reflecting our diversity. So wear your favorite 60s get up and get ready to dance and sing along with Eddie!

At 11:00 a.m. Barry Webb (HR) will present a Commemorative Tribute to SLAC Director Jonathan Dorfan. The tribute recognizes all the employees who, over the past 40 years, have made SLAC a world class laboratory.

Live music from the band Nocturnal will run from 11:30 a.m. to 12:15 p.m. on Center Stage. SLAC’s own Tom Anzur (SSRL) and his band will get your toes tapping with music for everyone to enjoy.

40th Anniversary

SLAC Welcomes NASA Master Teachers
By Linda White

An award-winning group of educators participating in an innovative new NASA program toured SLAC and C. L. ASI on July 18 as part of an intensive training in physics and astronomy.

The tour, led by Sonoma State University Professor Lynn Cominsky, is part of NASA’s Gamma Ray Large (See EDUCATORS, page 2)

Kids Day—Rewards for All
By Tom Maad

Cold-plated dimes, expanding marshmallow men, plumes of solder smoke, capacitors, stereo glasses, banana hammers, doughnuts and ice cream were among the many delights offered up at the first Bring Out Kids to SLAC Day.

More than 150 SLAC staff members helped make the August 11 event special for the kids. Divided into two age groups, the 158 children took part in a wide variety of activities around the Lab.

In return for this peek into their parents’ world of science, the kids offered their candid observations and opinions.

Carol, 10-year old daughter of Sam Zalog (EFTS), reported, “We made this energy thing. It’s a continuity tester. You use it to test if things are working. It doesn’t work on people though. They also had nitrogen and

(Family Day—Rewards for All (See KIDS DAY, page 3)
Director's Corner
by Jonathan Dorfan

September will be an extraordinary month here at SLAC, full of positive as well as difficult emotions.

We have so much to be proud of as we prepare to celebrate our 40th anniversary, SLAC's legacy of groundbreaking research has had a worldwide impact in particle physics, accelerator physics, and synchrotron radiation research, computing, engineering and many other areas.

The 40th Anniversary Family Day on September 14 and the more formal celebration on October 2 will give us the opportunity to come together to look back at all we have achieved in the past and look forward to forty more years of exciting innovation and research at SLAC.

With this in mind I'd like to welcome everyone to the new Interaction Point. We've seen TIP evolve over the years, and this version is part of a larger effort to improve communications at the Laboratory. The newspaper will be on your desk on the first and third Friday of each month and will be a major step forward in sharing information at SLAC.

As with any new effort, I am looking to you to contribute your ideas and time to help make TIP the most useful and relevant newsletter it can be. Please let the editors know what you'd like to see included.

Finally, next week will mark the one-year anniversary of the terrible September 11 attacks. These events shocked and changed us, individually and as a nation. Here at SLAC we will be observing a minute of silence site wide at 9:00 a.m. on September 11. At noon there will be an opportunity to share thoughts and emotions at the picnic area between SURL and SCS. I hope you will join me there.

Join Us in Remembering 9/11

How you can participate:
9:00 a.m. — Site wide minute of silence
12:00 noon — Optional gathering at the picnic area between SURL (Bldg. 137) and SCS (Bldg. 56)

Educators
(continued from page 1)

Area Space Telescope/Structure and Evolution of the Universe (GLAST/SSEU) Educator Ambassador Program.

These Educator Ambassadors, who participated in an intensive one-week schedule of classes at Sonoma State University (SSU), will develop materials and distribute them at national workshops to other teachers. These teachers will in turn train more teachers, as well as students, expanding upon the old idea of 'each one teach one.'

"Eventually we’ll have this great leverage, this great multiplier effect," said Cominsky. "That’s the theory. We’re just starting it now. I am so impressed by this group of people. We are learning from them as much as they are learning from us."

The group consisted of ten prize-winning educators. Master Teachers and Curriculum Designers. Each Master Teacher is required to help develop workshops and educational materials and to lead at least two math and science workshops per year for grades 9-12.

Cominsky was excited to bring the group into SLAC’s research environment. “The fact that I have the Stanford connection and a connection to the GLAST project has widened their opportunities. Sonoma State is a lovely place but we don’t have any hardware to show them. I’m very happy for my ongoing connection to SLAC and also to the Stanford Campus.”

A Personal Passion

Professor Cominsky is a SLAC Visiting Scientist in Group K and a member of the Experimental Program Advisory Committee (EPAC). She was previously a member of the Communications Committee and Secretary for the SLAC User’s Organization (S L U O). For her, the

Educator Ambassador program is a personal passion. “Evolution of the universe is an overarching theme. It’s good for everybody to learn about things that are beyond the visible. That’s always been my personal mission in life. To get people interested in the invisible universe. It’s very exciting for the general public; it’s a great hook to get people into the classroom and they don’t realize they’re learning math.”

The Master Teachers came to SSU and SLAC for a one-week workshop in July and will return for another workshop in 2004. In these workshops, the teachers work closely with scientists, engineers and project team members from GLAST, which is one of the SEU missions. In the years between the two workshops, the Master Teachers will be able to continue their studies through GLAST learning-at-a-distance modules on the Internet.

For more information on the program, see:
http://universe.sonoma.edu/ambassadors/program.html
http://glast.sonoma.edu

Order Your Family Day T-Shirt Now

You’ll be right in style wearing this comfortable Family Day 2002 t-shirt. These colorful shirts feature the Family Day logo and are on sale now. A variety of sizes are available. Children’s shirts are $5.00 each; adult shirts are $7.00 each. Order yours soon as t-shirts are only available while supplies last. Order forms can be found at your local mail center or bulletin board and on the Family Day Web site: http://www-project.slac.stanford.edu/familyday/
Family Day (continued from page 1)
Then at 1:00 p.m., Majunga the Magician will perform his magic. He can turn a handful of sand into a mouse and dancing eggs into a baby dragon. His slight-of-hand tricks promise to amaze and amuse adults as well as kids in the audience. You won't believe your eyes.
But what's a party without food? We'll have plenty on hand for every taste. Our chef for the day is Jeff Machado, with his Elegant Cuisine. Reflecting the diversity of the international SLAC community, Machado will offer a traditional barbeque of hamburgers, hot dogs and veggie burgers with all the trimmings; Asian Chinese Chicken salad; a Nacho Bar; two kinds of Italian pasta with garlic bread; and Cajun Jambalaya.

Volunteer for Family Day

Members of the Family Day Committee are busy putting the finishing touches on the event. We are all looking for volunteers to help with activities.

Volunteers are needed to help with

- Kids crafts, the ice cream social, t-shirt sales, tours and various activities.
- Call Erin Smith at ext. 2266 to volunteer, email her at erin@slac.stanford.edu, or visit the Family Day Web site.
- Study the Smallest Particles in the Universe” Martin Perl (Group F) 11:00 a.m. “What we do at SLAC: 11:30 a.m. & 2:30 p.m. “Cryogenics Magic Show” John Weisend (EFD) 2:15 p.m. “Happy Anniversary” Singalong with Cake & Ice Cream 2:00 p.m. we'll be singing “Happy 11:00 a.m. “What we do at SLAC: 11:30 a.m. & 2:30 p.m. “Cryogenics Magic Show” John Weisend (EFD) 2:15 p.m. “Happy Anniversary” Singalong with Cake & Ice Cream 2:00 p.m. we'll be singing “Happy

Family Day Highlights

Saturday, September 14
10:00 a.m. Welcome Program, Map and Food Reservations, Main Gate
Daylong Activities
Arts, Crafts & Hobbies
Beverages, cotton candy, popcorn & snow cones
Carnival games, crafts for kids, train rides & more
Classic Cars & Motorcycles (Bring Yours) Giant inflatable toys, ping pong and relay races
Entertainment on Center Stage
10:00 a.m. DJ Eddie McGee 11:00 a.m. Presentation of Commemorative Tribute to Laboratory 11:30 a.m. Nocturnal Band—Live Music with Tom Anzer 1:00 p.m. Majunga the Magician

Family Day Fun for Everyone

Creative Activities at Kids Grove
Kids will find a special place just for them at Family Day. Nestled under the trees outside of Panofsky Grove will be activities for kids to create to their hearts content.
SLAC volunteers will be available to help kids create origami boxes, candy necklaces, paper masks and yarn crafts. Kids will color, paste and assemble artistic treasures they can take home as precious mementos of Family Day 2002.
In addition to crafts, Kids Grove will have face painters. Kids can choose from painted figures to cool temporary tattoos. For those who enjoy adventure, Barbara Johnson (formerly HR) will have some games with her storytelling tales. Grown ups can listen in, but they must be accompanied by a kid (or at least pretend one of the mesmerized kids belongs to them).

Get Your Words Out: Register Your Publications

Are your written words getting to your readers? Registering your manuscripts and submitting them electronically to TechPubs helps you reach more readers and get the credit you deserve.

As Jonathan Dorfan explained in the February 8, 2000 All Hands memo on author responsibilities (http://www.slac.stanford.edu/grp/techpubs/help2000authors.html), authors must register their documents for a document number and submit them to TechPubs for processing. In this way SLAC can meet its contractual obligation to DOE.

What you may not know is that by registering your manuscript you get many additional benefits. Every paper processed by TechPubs is:
• Reviewed by the Technology Transfer Office for a possible patent
• Archived in a permanent location on the SLAC Document Server, making it accessible on the Web
• Linked, along with its bibliographic data, to the HEP-SPires database. Readers can find your paper there by searching any number of ways

Readers will also be able to use the cut-and-paste citation feature to cite your paper correctly—giving you the credit you deserve. And speaking of citations, did you know that SPires automatically tracks the number of times someone cites your paper?

What a deal! By registering your documents, we will also receive full credit for work developed using SLAC resources. When we find publications that are not processed through TechPubs, we have to spend time backtracking through the system to account for the publication. At that point we might not be able to count the publication as SLAC work, due to copyright regulations.

The best news: You can submit your documents right from your desktop. The process is simple:
• Use idoc to register your paper for a document number (http://idoc.slac.stanford.edu/)

Family Day (continued from page 1)
days at SLAC, you can learn a lot from it. It's a cool party, too. If they want to become a scientist when they get older, they should come to this 'cause they can see what they have to do.”
Barry Webb (HR), who along with Teresa Trovel (SRLS) was the Grand Master of the day, praised the contributions of so many staff members. “With 12 different workshops running simultaneously it usually takes about one staff person per child to pull this off. Those unsung heroes provide all the near-invisible work and heart that makes these days successful.”
Sitting together at the ice cream fest were Nicholas Chen, 10, son of Piao Chen (ARE) and Nicholas’ friend Matthew Chuck. Matt, 11, talked about the frozen banana and the dattier pudding as well as the continuity tester. “I heard that the most important part is remembering the terms, but I always keep the words straight; they always have an ‘on’ at the end and it’s continuing.”
Nicholas is still “not sure” about becoming a scientist, but he would definitely recommend Kids Day to other guys his age. “You can learn quite a lot, and it's still pretty fun.”
“The best payday 1 got,” Webb commented, “is when I watch the faces of young people 'getting it' when our workshops explain how things work in the world around them. That makes it all worthwhile.”

Kas Day Photos
Check out the great Kids Day photos: http://www.project.slc.stanford.edu/slclnp/ special_ events_index.htm

Kids Day Photos

- Family.
- That's not all. We'll have soft drinks, water, cotton candy, popcorn and snow cones available all day. And at 2:00 p.m. we'll be singing “Happy Anniversary” to SLAC and enjoying some delicious anniversary cake and ice cream in the Auditorium breezeway. No one will leave hungry!
Somewhere in between the music, entertainment and food, you can join in carnival style games with prizes, family relay races, crafts for kids, train rides, volleyball and ping pong. There will be displays of classic cars and motorcycles; arts, crafts and hobbies of talented SLAC employees: tours of SLAC; and science demonstrations and talks.

By the end of the day, your tummy will be full and you’ll know you’ve been to a real celebration. We know the adults will be pooped. But with any luck, the kids might even be ready for an early bedtime. This is one day you won't want to miss!

Kids Day Photos

Matthew Leslie in the magnets workshop—definitely recommended Kids Day to other guys his age. “You can learn quite a lot, and it’s still pretty fun.”

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Family Day Fun for Everyone

Arts, Crafts and Hobbies display at Kids Grove

There's no end to the talent of the people who work at SLAC. That will be obvious to everyone who visits the Arts, Crafts and Hobbies display at Family Day.

There will be displays of pottery making, ceramics, textiles, painting, photography, wood working and even bee keeping. Some of the artists will have things to sell. Your investment may bring you more return in pleasure than anything you are getting from the stock market.

Some hobbies aren’t artistic, but they sure feel good. Lisa Michael will demonstrate her special talents with 15-minute chair massages for the lucky participants who sign up for this treat in the Auditorium breezeway. If you like classic cars, don’t miss the display in the Visiting Parking Lot. Better yet, bring your own display to show. These are the ‘toys’ that bring smiles to the faces of many of us at SLAC.

~ Ann Mueller

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• Reviewed by the Technology Transfer Office for a possible patent
• Archived in a permanent location on the SLAC Document Server, making it accessible on the Web
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• Put the document number and DOE contract number (DOE-AC03-76SF00515) on your title page
• Upload a PostScript of PDF version of your paper to the TechPubs inbox (http://ftp.slac.stanford.edu/groups/techpubs/inbox/) either by dragging and dropping your file(s) onto the browser window. If using UNIX, copy the file to the directory idoc@slac.stanford.edu/groups/techpubs/inbox.

Processing typically takes about two days, and you will receive email notifications at each step.

To learn more about the services we offer contact Crystal Tilghman, ext. 7677, or Shanon West, ext. 2094.
Upcoming Events

Pauline Wethington Wins Ashley Fellowship

By Linda White

When a flyer about the AI Ashley Career Development Fellowship crossed Pauline Wethington’s desk in June she thought briefly about applying. That was before she heard dynamic, multifaceted speaker H. Cordell, Vice Provost of Stanford’s Campus Relations.

The inspiration from that talk led Wethington to spend the next year broadening her career experience and forging stronger ties between SLAC, Stanford University and the community.

Starting in September, Wethington will be working with SLAC Human Resources and Stanford Campus Relations to provide academic and career counseling to diverse SLAC employees. “Cordell suggested that if I am chosen for the Fellowship I consider being a liaison between SLAC and Campus Relations as one of my activities. I liked the idea.”

Wethington has a Masters Degree in Counseling Education and is a 13-year veteran of the SLAC Public Affairs Office as well as a counselor at DeAnza College where she counsels students and has worked for the Math Performance Success Program.

She will continue her SLAC career outreach work with students in East Palo Alto and Menlo Park as well as visit colleges, schools and community organizations to educate them about SLAC job options and tour programs. “We’re in your backyard, come and visit us.” Wethington said.

To apply for the Fellowship, a SLAC employee must propose a project that will both improve his or her career and benefit SLAC.

For more information on the Fellowship see: http://www-group.slac.stanford.edu/ashley/fellowship.html.

Study Stanford Sexual Harassment Policy Revised

Stanford’s policy prohibiting sexual harassment in the workplace has been revised, effective September 1, 2002. Under the new policy, anyone in a position of authority over another employee (or student) with whom the employee is involved in a sexual or romantic relationship may not supervise or evaluate that employee/student. Failure to comply with these guidelines is a violation of policy and, therefore, grounds for discipline.

The supervisor/teacher is required to:
(1) disclose the relationship and
(2) disqualify him/herself from the supervisory or evaluative role.

Supervisors/teachers at SLAC who are involved in such relationships must notify the Manager of Employee Relations so that management can make other arrangements for the supervision or evaluation of the employee/student. Failure to comply with these guidelines and disqualification requirements is a violation of policy and, therefore, grounds for discipline.

Stanford’s complete sexual harassment policy can be found at: http://adminguide.stanford.edu/23_2.pdf

For more information please contact Carmella Huser, ext. 2358, or email chuser@slac.stanford.edu.

Pauline Wethington, 3rd Fellowship Recipient

The Interaction Point

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