

# NewsLetter

Week of April 14, 2003

Vol. 4, No. 8

## *Sixty years later*

# Lab is scientific 'gold standard for the country'

by Steve Sandoval

The world today is much more dangerous than it was in 1943 when the Laboratory was created as part of the Manhattan Project on plateaus in the Jemez Mountains of northwest New Mexico.

"On Dec. 7, 1941, there were no nuclear weapons. Today, there are nuclear weapons and chemical and biological weapons," said Interim Laboratory Director Pete Nanos.

Sixty years later, Los Alamos' role, as it was in 1943, is to serve the nation, a job Nanos said the Lab and its personnel are fulfilling admirably.

Nanos made his remarks April 7 in the Administration Building Auditorium at the kickoff event for Los Alamos' 60th anniversary celebration.

Nanos was introduced by Denny Erickson of the Associate Directorate for Weapons Physics (ADWP) and one of the chairs of the Lab's 60th anniversary committee. The committee, Erickson noted, has spent about a year planning activities to mark the Lab's 60th anniversary.

"This is indeed a special place in many ways," said Erickson.



Interim Laboratory Director Pete Nanos speaks to employees and invited guests at the Laboratory's 60th anniversary address last week in the Administration Building Auditorium at Technical Area 3.



The Protection Technology Los Alamos color guard presents the flags during the opening events for the Laboratory's 60th anniversary celebration. Shown from right to left are Lt. Don Funk, Lt. Xavier Martinez, Lt. John Kelly and Lt. Gerald Geyer. Photos by LeRoy N. Sanchez

He also introduced the Protection Technology Los Alamos color guard, which presented the American and New Mexico flags; Melissa Porter of Tritium Science and Engineering (ESA-TSE), who led the singing of the National Anthem; and Ralph Erickson of the Los Alamos Site Office of the National Nuclear Security Administration.

Erickson, in brief remarks, wished the Laboratory a happy birthday and congratulated Los Alamos for "60 years of ideas that have truly changed the world."

Erickson also lauded the personnel of the Laboratory for making the "world a better place, a safer place that I think all of us are proud to call home."

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## Legislative memorial urges continuation of UC contract at Lab

The State Legislature last month endorsed a joint memorial urging the Department of Energy to retain the University of California as the operator of the Laboratory.

House Joint Memorial 77 was introduced by Rep. Roberto Gonzales, D-Taos. The 2003 State Legislature adjourned last March 23.

The memorial notes the contributions the Laboratory has made to national security, global threat reduction and advancements in science and technology, while simultaneously providing employment opportunities, educational enrichment and economic stability to Northern New Mexico.

### House Joint Memorial 77

46th legislature — State of New Mexico — first session, 2003

WHEREAS, for sixty (60) years, the University of California has been synonymous with Los Alamos National Laboratory as the university has managed the prestigious scientific center under a contract with the United States Department of Energy; and

WHEREAS, the Laboratory has been a source of employment,



economic stability and education enrichment for generations of New Mexicans; and

WHEREAS, the State of New Mexico stands ready to do its part to strengthen the relationship and contribute to a vision that will make all New Mexicans proud of the partnership between the university, the Laboratory and the

Department of Energy; and

WHEREAS, the Laboratory and the university have made significant contributions to national security, global threat reduction and advancements in science and technology throughout the world;

NOW THEREFORE, BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF NEW MEXICO that the United States Department of Energy be requested to continue its contract with the University of California to operate Los Alamos National Laboratory; and

BE IT FURTHER RESOLVED that copies of this memorial be transmitted to the United States secretary of energy, the United States undersecretary of national security, the president pro tempore of the senate of the State of California and the director of Los Alamos National Laboratory.



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### Two employees named 2003 Outstanding New Mexico Women by state commission


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### Cowan, Rosen presented the Los Alamos National Laboratory Medal

Noting that science is the value the Laboratory brings to the nation, Interim Director Pete Nanos called the scientific contributions of Senior Fellow Emeritus George Cowan and Senior Fellow Emeritus Louis Rosen "humbling." . . . . .

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Los Alamos National Laboratory is operated by the University of California for the National Nuclear Security Administration (NNSA) of the U.S. Department of Energy and works in partnership with NNSA's Sandia and Lawrence Livermore national laboratories to support NNSA in its mission.

Los Alamos enhances global security by ensuring safety and confidence in the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction and improving the environmental and nuclear materials legacy of the Cold War. Los Alamos' capabilities assist the nation in addressing energy, environment, infrastructure and biological security problems.



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## FROM THE TOP

# 60th Anniversary

April 2003 is a landmark month for Los Alamos National Laboratory — its 60th anniversary — an anniversary we should all be extremely proud to celebrate.

A task force comprising 35 members and advisors has been hard at work planning the celebrations that will mark this milestone. Their statement of purpose clearly sets the tone for the upcoming celebrations:

To celebrate the Laboratory's 60th anniversary, we will

### Acknowledge the past

Los Alamos holds a special place in the modern-day genealogy of science and technology. We are proud of our accomplishments. However, we will never rest on our laurels or be held motionless by the past.

### Accept the present

National service, mission relevance and stewardship are the core of Los Alamos values, even while the world changes and we continue to change in response.

### Embrace the future

Our responsibility is to help shape the future of our nation by meeting threats to national security and by engaging in research to make the world a better place.

The first events marking the 60th anniversary took place April 7. On that day I gave an Anniversary Address in the Administration Building Auditorium. Those remarks were followed by a Laboratory Directors Forum featuring these distinguished former directors: Harold Agnew, Sig Hecker and John Browne. John Hopkins represented former director Don Kerr.

That afternoon, Laboratory Senior Fellow Emeritus George Cowan and Senior Fellow Emeritus Louis Rosen were awarded the Los Alamos Medal for their decades of contributions to the Laboratory and the deserved international reputations they have earned for their scientific and professional accomplishments.

April 20, 1943, marked the signing of the formal contract between the federal government and the University of California establishing the Laboratory. So on April 22, designated Anniversary Recognition Day, we will dedicate our new Nonproliferation and International Security Center and the Dual Axis Radiographic Hydrodynamic Test Facility. In addition, we plan to break ground for the National Security Sciences Building that will replace the current Administration Building. April 23 will be Science Day with a number of lectures, presentations and award ceremonies planned.

Other events will follow through the summer, focusing on the Laboratory's accomplishments, its future directions in science and technology, evolving missions and community relationships. While they are too numerous to mention here, you can find them listed on the 60th anniversary Web site at [int.lanl.gov/news/60th/](http://int.lanl.gov/news/60th/). A special employee and family event is being planned for the summer.

I encourage you to attend as many of these activities as possible and join me in marking the 60th anniversary of the Laboratory's historic contributions to national security. Please also join me in taking this opportunity to renew our commitment of service to the nation and reflect on the privilege of working here.



Interim Laboratory Director Pete Nanos

# 60th anniversary merchandise on sale in Otowi Building

by Steve Sandoval

Many items with the Laboratory's 60th Anniversary logo are on sale in the Otowi Building at Technical Area 3.

Items with the 60th anniversary logo include a white or light gray golf shirt, \$25; Christopher Kyle tan/natural golf shirt for \$30; short-sleeve T-shirt in white, light gray, sandstone and yellow, \$12; khaki cotton-twill baseball-style cap, \$15; limited-edition, numbered baseball-style caps, \$25 (40 remaining); and a new, 15-ounce ceramic mug for \$8. All the merchandise contains the Lab's "1943-2003 Ideas That Change the World" logo.

The merchandise can be purchased in the ARAMARK cafeteria sweet shop from 9 a.m. to 3:45 p.m. Monday through Thursday and 9 a.m. to 3 p.m. Friday. ARAMARK manages the sales of Lab logo merchandise.

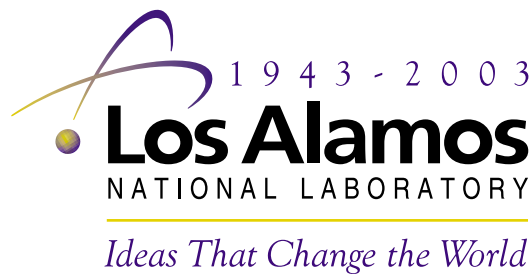
Laboratory workers and retirees have purchased more than \$16,000 of Lab logo merchandise since last summer.

Other logo merchandise that doesn't have the 60th anniversary logo also can be purchased, said Helen French, ARAMARK's assistant manager.

Lab senior managers and the Department of Energy have approved the logo merchandise initiative.

French of ARAMARK said personal checks and credit cards are accepted for Laboratory logo merchandise.

For more information, contact Mike Kolb of the Community Relations (CRO) Office at 7-2076 or write to [mkolb@lanl.gov](mailto:mkolb@lanl.gov) by electronic mail. Or see the Dec. 2, 2002 Daily Newsbulletin at [www.lanl.gov/newsbulletin](http://www.lanl.gov/newsbulletin).







**Interim Laboratory Director Nanos, center, moderated a forum of former directors in the Administration Building Auditorium. At left is Harold Agnew (1970-79). Far right is John Browne (1997-2003); right of Nanos is Sig Hecker (1986-1997). John Hopkins, second from left, represented former director Donald Kerr (1979-1985). Hopkins was associate director for nuclear weapons under Kerr and Hecker.**

*Photo by LeRoy N. Sanchez*

## Sixty years later ...

*continued from Page 1*

"This is an important time in our history, and I wanted us to take our time to explore our history and to spend the intellectual effort to examine our history," Nanos said in opening his roughly 40-minute talk to Lab personnel and invited guests.

Nanos thanked Erickson and former Laboratory Director John Browne for giving impetus to and creating the Lab's 60th anniversary committee. "It was really important for [the committee] to step up at this important time in our history," he said.

Nanos told employees that the anniversary events are a reminder of what the Lab has done — and what it must continue to do for the nation.

He said Los Alamos' work in creating the world's first atomic bomb saved the lives of many who otherwise would have died in World War II. "In 1943, when this place was formed, we were already at war," said Nanos.

"It was an idea predicated on several things. National leaders felt we had to have it," he said, talking about the bomb. "For the one million men who were expected to die in the battle of Japan, it was salvation," said Nanos.

"The truth is, it was an idea that truly changed the world."

Nanos continued, "Today, we are in a similar place. It wasn't Pearl Harbor, it was 9-11. And because it was part of the international financial district, it wasn't just limited to citizens of the United States," he said, recalling the Sept. 11, 2001, incidents in New York.

Nanos said that though circumstances are different today, the Laboratory, as a national institution, exists to safeguard the nation.

Nanos called Los Alamos' scientific contributions "the gold standard for the country."

He also lauded the partnership and contributions of the University of California, which has brought "the sense of academic freedom and openness" to Los Alamos, and the work of sister weapons laboratories.

Nanos also said the Lab's slogan for 60th anniversary activities, "Ideas that Change the World," is appropriate as the Lab moves into a new century because it is the ideas from the people who work at Los Alamos that will set the Lab apart from others.

"Our people at the Lab are what make the difference," said Nanos, adding that, "Individual excellence is absolutely critical at the Lab."

And while acknowledging Los Alamos' core mission of stockpile stewardship, Nanos

said Los Alamos needs to continue its scientific research outside its weapons mission. The breadth of the science at Los Alamos can't be focused too narrowly, he said.

He also reminded the audience that excellence in science needs to carry over to other aspects of the Laboratory's operations. He said excellence in safety and security and the Lab's business practices are critical to the Lab's future. "Excellence is not just in [the] science we do," he said.

In closing, Nanos thanked employees for their support and said the work employees are doing to improve the Lab hasn't gone unnoticed. "This is a doable job for us ... that we can get this Lab back on track," said Nanos.

"We are positioned for success," he said. "The response has been incredible. It has been recognized that the Lab is performing admirably.

"This is a national institution. It will survive. It will be a center of excellence. Of that I am confident," said Nanos. "Remember, it is the ideas. Remember, it is the institution. Remember, it is our country."

Nanos' talk was followed by a forum by former Laboratory directors, which Nanos moderated. Harold Agnew (1970-79), Sig Hecker (1986-1997) and John Browne (1997-2003) participated in the forum. Former Lab Director Donald Kerr (1979-1985) was unable to attend.

That evening, the Los Alamos Historical Society hosted the Lab directors at a public forum in the Duane Smith Auditorium at Los Alamos High School.

Schedules and general information about 60th anniversary activities are available at [sixty.lanl.gov](http://sixty.lanl.gov) online. New events will be added to the event schedule frequently.

Nanos' talk will be rebroadcast on LABNET Channel 10. Check the LABNET Channel 10 schedule at [www.hr.lanl.gov/TIO/labnet10.htm](http://www.hr.lanl.gov/TIO/labnet10.htm) for rebroadcast times.

## For Your Safety



### Keep your eye on safety

According to a recent survey by the Bureau of Labor Statistics, three out of five workers who suffered an eye injury each year wore no protection. Of those who did, 40 percent wore the wrong kind.

Eye injuries of all types occur at a rate of more than 1,000 per day and an estimated 100,000 of those injuries will be disabling because of temporary or permanent vision loss.

The Integrated Safety Management program office urges workers to wear appropriate safety eyewear whenever there is any chance that machines or operations present the hazard of flying objects, chemicals, harmful radiation or a combination of these or other hazards.

Workers who are in or passing through areas that pose eye hazards also are reminded to wear appropriate protective eyewear at such times.



**Melissa Porter, right, of Tritium Science and Engineering (ESA-TSE) sings the National Anthem during the opening of the Laboratory's 60th Anniversary celebration. Standing in the background is Denny Erickson of the Associate Directorate for Weapons Physics (ADWP) and one of the chairs of the Lab's 60th anniversary committee. Porter also sang "God Bless America" before the Los Alamos National Laboratory Award presentations (see Page 8).** *Photo by LeRoy N. Sanchez*



# 'Tell Pete' provides venue for employees

Following his announcement of the "Tell Pete" ([tellpete@lanl.gov](mailto:tellpete@lanl.gov)) anonymous e-mail venue in late February, Interim Laboratory Director Pete Nanos has received messages from 113 employees. In fact, 24 "Tell Pete" e-mail submissions arrived within the first 24 hours of its operation.

The messages range from compliments and congratulations on his efforts to sharing concerns about such things as policies and procedures; employee recruitment and retention; management behavior; and of course, the chronic institutional issue of parking (see chart below illustrating the major themes).

"As I promised when I announced 'Tell Pete,'" said Nanos, "I read every message. I hand off those that raise issues requiring action to members of my staff, usually at the Monday-morning SET [Senior Management Team] meeting." Nanos added that, just like his personal e-mail, he usually finds himself doing weekend homework to ensure he gets to each and every message.

"Tell Pete" is anonymous, but unlike its predecessors, including "Ask the Director," the "Tell Pete" venue is intended only as a suggestion and issues-identification venue; it is not designed to serve as a way to receive a specific answer to a specific question. Because of the anonymity, "Tell Pete" also does not serve as an official reporting point of contact for putting the organization on notice for concerns such as a specific situation of fraud or sexual harassment.

The Ombuds Program Office receives all e-mail sent to "Tell Pete" and removes any identifying information before relaying the message contents to Nanos. The Ombuds Office also tracks trends and recurring issues so that the Laboratory can evaluate institutional or overarching patterns.

"My commitment to open communication, to transparency, are a key part of the changes we're making at the Laboratory," Nanos said. "It's important that employees feel they can bring issues to my attention, whether directly in my normal e-mail or through "Tell Pete."

Employees who aren't concerned with anonymity or confidentiality are welcome to contact Nanos directly through his personal e-mail address, [nanos@lanl.gov](mailto:nanos@lanl.gov). If you want to get information to the director but don't want to be identified — therefore you will not be given an individual response — use [tellpete@lanl.gov](mailto:tellpete@lanl.gov).

## Who to contact ...

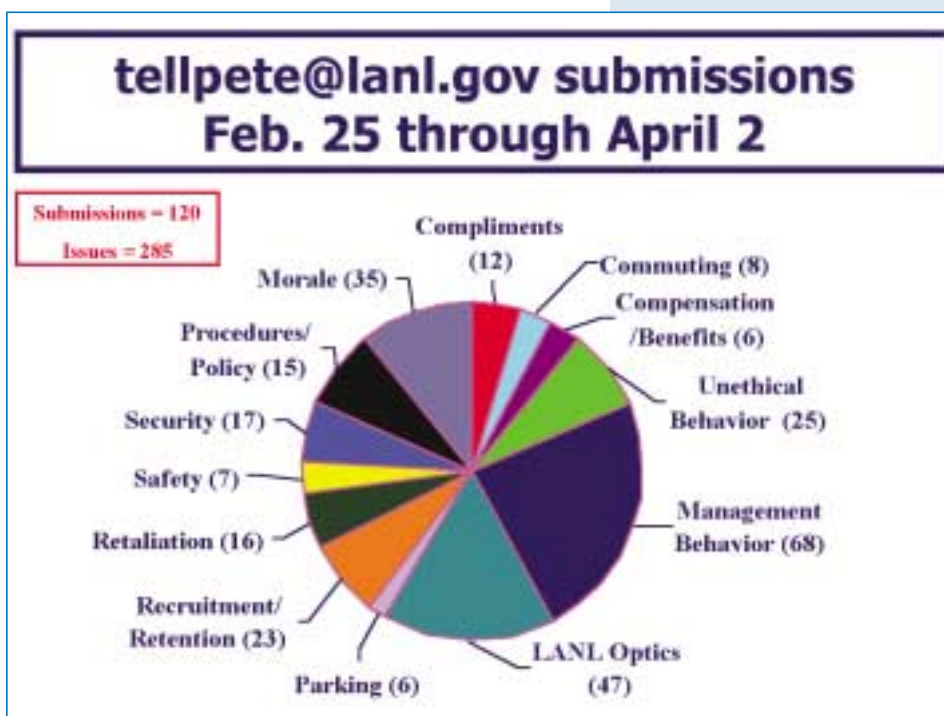
Channels for reporting waste, fraud, abuse, theft or other improper activity include

- Laboratory line management
- Office of Audits and Assessments: 5-6159
- Department of Energy Waste, Fraud and Abuse Hotline: 1-800-541-1625
- DOE Office of Inspector General Hotline: 202-586-4073
- Human Resources (HR) Division: 7-1887
- Complaint Resolution: 5-6311
- Staff Relations (including violence in the workplace): 7-8730
- Laboratory Office of Equal Opportunity: 7-8695
- University of California Waste, Fraud and Abuse Hotline (for misuse of California resources): 1-800-952-5665
- DOE Albuquerque Employee Concerns Program: 1-800-688-5713
- Laboratory Internal Evaluations hotline: 5-9999
- National Nuclear Security Administration/Los Alamos Area Office hotline: 7-5105

- UC Alert Line Ethics and Compliance Hotline: 1-800-403-4744
- UC Auditor Patrick Reed: 1-510-987-0477 (Oakland, Calif.) or 5-3104 (Los Alamos) or by e-mail at [patrick.reed@ucop.edu](mailto:patrick.reed@ucop.edu)

For information on policies:

- LANL Administrative Manual 101,110, 111, 112, 700, 701, 702, 703, 704, 705, 708, 711, 721, 728, 729, 730 and 731
- UC Whistleblower Policy: 1-800-952-5665
- Web site [www.ucop.edu/ucophome/policies/bfb/g29.html](http://www.ucop.edu/ucophome/policies/bfb/g29.html)
- See also the Laboratory Performance Guidance (LPG), Laboratory Implementation Requirements (LIR) and Laboratory Implementation Guidance (LIR) documents



# UC issues bid for 2004 Lab health-care provider



The University of California is soliciting proposals for group medical plans for the Laboratory, effective Jan. 1, 2004.

As part of the process, UC has called for bids through an advertisement in Business Insurance, a national industry journal, and invited health plans in New Mexico to submit proposals. Providers had until April 9 to respond, after which there's an extensive evaluation and selection process.

"This is a routine process that we go through every few years. Our goal is to identify plans that continue to provide members access to quality health care at a reasonable cost," said Mark Esteban of UC's Human Resources and Benefits office.

"Even though it's early in the process, we want to inform employees, retirees and the Los Alamos community as we prepare for the coming year," Esteban added. "We don't know specifics yet, but we do know that we're facing the same factors we did last year and that we'll have to anticipate more changes in plan design and costs at Los Alamos and throughout the UC system for 2004."

Key factors continuing to influence the Los Alamos health-care outlook are the national trend toward higher costs for

employers and plan members, unique characteristics of the Los Alamos population and health-care market and the worsening California state budget crisis.

The UC call for bids covers plans currently administered by Blue Cross Blue Shield of New Mexico. It does not include the Laboratory's Core plan or behavioral-health coverage.

The bid includes a request for a consumer-model plan, which was presented to the Los Alamos population last year as a possible future option. Consumer models, currently in use by other employers, generally have higher deductibles than an HMO and preferred-provider plans but feature an employer-funded spending account that members can apply to some of the deductible costs. They also give members more advanced information and tools to enable them to be effective consumers of health care.

Esteban said that the plan types ultimately implemented for 2004 will depend on the proposals received and that UC may choose to implement some or all of these plans.

Esteban is director of health and welfare policy and program design at UC's Office of the President. He works closely with Michele French, UC executive director of benefits

policy and program design.

More health-care information is available at this Web site at [www.lanl.gov/worklife/pathways/](http://www.lanl.gov/worklife/pathways/). It was introduced last year as an element of the UC/Laboratory "Health Care: Pathways to Change" initiative. The initiative is ongoing, and the "Pathways" Web site offers plan members the opportunity to ask questions and provide comment.

## Adventures in Supercomputing Challenge

April 21-22



Laboratory staff who would like to volunteer in various aspects of the challenge, can contact David Kratzer of High Performance Computing (CCN-7) at 5-4444, ext. 811.

More information on the supercomputing challenge can be found online at [www.challenge.nm.org/](http://www.challenge.nm.org/).



# Thinning crews are working in Pajarito Acres area

by James E. Rickman



Above, a hydrostatic brush cutter makes short work of closely spaced piñon and juniper trees in a thinning area just south of the Pajarito Acres boundary. The brush cutter mulches the trees in place and provides a stable ground cover that helps soils in the area retain moisture while reducing the potential for erosion. The end result is a healthier, more fire-resistant ecosystem. In addition, the thinning will help create defensible space between Lab property and the boundary of residential areas. Creating defensible space allows fire fighters to more safely battle a blaze in the area should one occur. In all, the project will treat approximately 10,000 acres. During the Cerro Grande Fire in May 2000, about 7,500 acres of Laboratory property burned. A lingering drought and an infestation of bark beetle has left the Pajarito Plateau vulnerable to continuing fire danger. Photos by James E. Rickman



Forest-thinning work associated with the Laboratory's Cerro Grande Rehabilitation Project begins this week in the White Rock area south of the Pajarito Acres subdivision and east of N.M. 4.

For the next several weeks, crews with the CGRP will be working to reduce fire danger in technical areas 70 and 71. As a result, area residents and recreational users are advised to use caution in the TA-70 and -71 areas because of excessive noise and potentially dangerous heavy machinery. In the interests of safety, members of the public should avoid areas where active thinning work is being conducted.

This work is designed to reduce potential fire danger on Laboratory property.

In addition, Laboratory cultural- and ecological-preservation specialists have isolated areas that are ecologically sensitive with white twine and pink flagging. These areas could be habitat for threatened and endangered species, specialized plant or animal life or other sensitive resources. The flagging is intended to prevent thinning crews from conducting operations in ecologically sensitive areas to reduce potential harm to them. Residents and recreational users are strongly urged not to damage, remove or modify the flagging and not to enter areas where flagging is present.

The TA-70 and -71 thinning work is scheduled to be completed by the end of May.

Since forest-thinning operations began in December 2001, the CGRP has reduced fire danger on more than 7,000 acres of Lab property, has distributed more than 3,500 loads of firewood to Northern New Mexico residents and has sold more than 395,000 board feet of timber to small Northern New Mexico saw mills.



## Live Fire Shoot House opens

Protective Force of Los Alamos celebrated the grand opening of the Live Fire Shoot House recently with a briefing and tour conducted by the Special Response Training Team. One group toured the house at ground level and were able to see exactly what the pro-force officers see when they perform their training, another tour group climbed the steep steps to the catwalk above the house and were able to experience an overview of the activities below. A freestanding roof covers the entire house, including the catwalk; so both night and day training can be conducted in virtually any weather conditions. The interior walls of the house can be rearranged and different furniture and targets added to simulate an unlimited number of training scenarios. Hallways and rooms are used to practice safe intrusions and sweeps. Moving targets on wheels can be manipulated from the catwalk. All the walls are double steel and the doors leading to the outside have "bullfighting" walls (dead ends) to prevent fired rounds from penetrating. Before any operation is conducted inside the house, range personnel perform safety briefings and equipment is checked for safety compliance. Rules are strictly enforced. Safety was built into the house early in the planning stages, making it "one of the top five Live Fire Shoot Houses in the country," according to Skip Andersen, who was the manager for the project. Below, Randy Putt, left, of PTLA and Interim Laboratory Director Pete Nanos look at bullet impacts on a target. The targets are cartoon forms of life-like figures. Photos by LeRoy N. Sanchez

## Van de Graaf training demo

With theatrical smoke, flash bangs and paint balls, instructor Kenneth Daniels, Marine Corps gunnery sergeant (ret.), and recruits from Protection Technology Los Alamos demonstrate their "Interior Denial Strategy" training in the Van de Graaf Building. In this training, recruits learn to shoot, move and communicate in the event of any threat to the Laboratory. A number of Laboratory personnel, including Interim Laboratory Director Pete Nanos, watched as recruits crawled and shot their way down a smoky hallway to take out the "bad guys." The Lab vault remained safe. The bad guys were marked with green paint in critical areas. Nanos said, "Extraordinary training! This has given me confidence that we are providing world-class training for the facility here in Los Alamos."







### Mee receives New Mexico minority small business advocate of year award from SBA

**S**tephen Mee, program manager of the Laboratory's Cerro Grande Rehabilitation Project (FWO-CGRP) Office, has been named the Minority Small Business Advocate of the Year for New Mexico by the federal Small Business Administration.



Stephen Mee

Mee was nominated for the award by the Laboratory's Small Business Program Office (BUS-SBO). As the Minority Small Business Advocate of the Year for New Mexico, Mee now competes with other individuals for regional level honors, according to the Small Business Administration.

Mee will be recognized at a luncheon April 25 in Albuquerque.

After the Cerro Grande Fire burned more than 7,000 acres of Laboratory property in 2000, the Cerro Grande Rehabilitation Project Office was set up to plan and coordinate rehabilitation projects, including fire-mitigation and tree-thinning efforts; environmental operations; and purchase of new equipment, among other tasks. Mee has led the office since its creation.

Mee joined Los Alamos in 1997 as a University of California employee. From 1994 to 1997, Mee worked as a consultant to the Lab on project controls and facility management at Technical Area 54.

Last October, Mee was awarded the Allan

Johnston Small Business Advocacy Award by the Northern New Mexico Supplier Alliance for his support of regional vendors.

### Moñaña appointed to National Hispanic Cultural Center board

**C**huck Moñaña of Accounting (BUS-1) was recently appointed by New Mexico Governor Bill Richardson to serve on the board of the National Hispanic Cultural Center.



Chuck Moñaña

"It was an unexpected, but pleasant surprise to be appointed to a two-year term on the board of the NHCC. I'm looking forward to being of service to the governor and to the wonderfully diverse population of our beautiful state. I guess you could say community involvement is in my blood," said Moñaña.

A 15-member board of directors from around the state of New Mexico governs the efforts of the NHCC. The center has a collaborative agreement with the Cervantes Institute of Spain to teach the Spanish language and to spread the Hispanic culture. The NHCC is located in the historic Barelaz neighborhood of southwest Albuquerque. For more information about the NHCC, see their Web site at [www.nhccnm.org/](http://www.nhccnm.org/) online.

Moñaña also is the current chair for the Hispano Round Table of New Mexico. In 2000, he was honored by the De Colores Foundation for community leadership. In 1998 he was recognized by the Santa Fe New Mexican for "making a difference" in the community.

Moñaña came to the Laboratory in 1976.

He currently serves as team leader in BUS-1 for general accounting and work-for-others.

Moñaña has a bachelor's degree in accounting from New Mexico Highlands University and a master's degree in business administration from the University of New Mexico.

### Nagy new CCN-DO deputy

**N**ick Nagy is the new deputy division leader for operations in the Computing, Communications and Networking Division (CCN-DO) Office. He is the first to occupy the newly created position.



Nick Nagy

He will help CCN group leaders, John Morrison and Chris Kemper, with day-to-day activities. In addition, he will work with budgetary, facility and human resources issues.

Nagy has been employed with the Laboratory for 33 years.

*continued on Page 7*

### In Memoriam

#### Grenfell Paul Boicourt

**L**aboratory retiree Grenfell Paul Boicourt, 76, died on March 8. in Los Alamos. Boicourt was an Army sergeant during World War II, serving in the 82nd Airborne. He attended and received degrees from Reed College, the University of Oregon and the University of Illinois. He worked for the Laboratory, first as a graduate student, then as a staff member for 30 years, initially with the Sherwood project, later with accelerators. He received his doctorate in applied mathematics in 1973 from the University of New Mexico. He received the Lab's Distinguished Performance Award in 1986. He retired in 1989 and was a Lab Associate until 1994. Grenfell is survived by his wife, also a Laboratory retiree, Rose Mary Hammer Boicourt of the Applied Physics (X) Division; daughters Paula Geisik of Hydrology, Geochemistry and Geology (EES-6) and husband, Carl, of Materials Science and Technology Division Operations Support (MST-OPS), and Lisa Kelt and husband, James.



Grenfell Paul Boicourt

#### Lawrence Hupke

**L**aboratory retiree Lawrence L. Hupke, 71, died on March 25 following a sudden illness. He retired from the Lab in 1995 after 37 years of service. He began working at the Lab in 1957 in the then-J-15 group. At the time of his retirement, he was working out of the Chemical Science and Technology Division (CST) in then-CST-5. He served in the Navy aboard the USS Orion during the Korean War. He is survived by his wife, Jerry, of Los Alamos and son Patrick Hupke and wife, Evelyn.

### Enter, Albert named 2003 Outstanding New Mexico Women by state commission

**J**ane Enter and Diane Albert have been selected to receive a 2003 Governor's Award for Outstanding New Mexico Women.

Enter and Albert are two of 20 New Mexico women to be selected for the honor in the 18th annual competition, sponsored by the New Mexico Commission on the Status of Women and the Governor's Office. For Albert, the selection is her third; she previously received this award in 1996 and 2000.

Enter and Albert will be recognized at the Governor's Award for Outstanding New Mexico Women banquet May 3 at the Hyatt Regency in Albuquerque.

The Commission on the Status of Women annually honors women from around the state who are actively involved in their communities, are leaders in their profession or occupation and have worked to implement positive change in their community.

Enter is a technical staff member in the Chemistry (C) Division and has worked at Los Alamos since 1993. She has a bachelor's degree in marine science and geology from the University of Miami; a master's degree in geology from the University of Georgia; and a specialist in science education degree also from the University of Georgia.

Albert has bachelor's degrees in metallurgical engineering and math education from Ohio State University and master's and doctoral degrees in metallurgical engineering and materials science from Carnegie Mellon University. Albert has worked at the Laboratory since 1993. She works in the Materials Science and Technology (MST) Division.

For information about the New Mexico Commission on the Status of Women, go to [www.state.nm.us/womenscommission/](http://www.state.nm.us/womenscommission/) online.



Jane Enter



Diane Albert





## April anniversaries

### 35 years

Bandel Bezzerides, X-1  
Mary Gentry, CCN-5  
Thomas Harlow, ESA-WR  
Jose Leyba, CCN-18  
Joan Trujillo, IM-8

### 30 years

James Archer, NIS-4  
Francisco Galvez, BUS-6  
Gabriel Garcia, ESA-WSE  
John Lyman, C-PCS  
Donald Martinez, FWO-WFM  
Wayne Meadows, FWO-DECS  
David Ponton, ESA-WSE  
Daniel Prono, D-DOD  
Frank Valdez, C-INC

### 25 years

Karen Bish, HR-D-WP  
Pleas Bowling, SNS-04  
Alfred Cucchiara, HSR-1  
Richard Heaton, C-INC  
Barbara Maes, LANSCE-4  
Alexander Martinez, C-AAC  
Ted Miller, ESA-WSE  
John Pompeo, S-4  
Presley Salaz, IM-4  
Christella Salazar, T-CNLS  
James Sprinkle, NIS-5  
Ellen Stallings, RRES-SA  
Marcel Torres, FWO-TA-55  
Robert Weaver, X-2  
Michael Williams, D-4  
Ainslie Young Jr., NIS-10

### 20 years

Sandra Bogenholm, NIS-7  
Paul Dunn, MST-6  
Jay Elson, D-5  
Sarah Hebert, CCN-2  
Barbara Martinez, NMT-16  
James Mercer-Smith, X-2  
Troy Nothwang, NMT-16  
Mark Paffett, C-SIC  
David Seagraves, HSR-4  
Martin Van Dyke, DX-5

### 15 years

Roger Cardon, FWO-MSE  
Robert Donohoe, B-4  
Paul Follansbee, MST-DO  
Michael Hall, CCS-2  
Leslie Maestas, BUS-DO  
Beverly Martin, RRES-WD  
Veronica Martinez, HR-D-TR  
Kevin McCabe, NIS-4

Penelope Naranjo, B-3  
Floyd Strub, PM-DS  
Sandra Wagner, C-DO

### 10 years

Lev Boulaevskii, T-11  
Roger Brewer, X-5  
Michael Brown, D-4  
John Budzinski, X-4  
David Costa, NMT-15  
William Flor, S-10  
Duane Martinez, NMT-16  
Sean McDonald, ESA-TSE  
Andre Michaudon, LANSCE-DO  
David Modl, CCN-8  
Roger Petrin, C-ADI  
Rita Romero, NIS-5  
John Tanski, ESA-WMM

### 5 years

Shannan Baker, RRES-QAT  
Denis Beller, AFC-PO  
Andrei Belousov, D-5  
Johnny Borrego, ESA-GTS  
Theodore Carney, EES-11  
Angela Chamber, ESA-WSE  
Michael Dempsey, HSR-1  
Rodney Douglass, X-8  
Effiok Etuk, FWO-DECS  
Jeffrey Favorite, X-5  
Steven Fellows, ESA-WMM  
James Graham, CCN-2  
Cecilia Gonzales, EES-11  
Gary Grider, CCN-8  
David Hay, BUS-5  
Edward Henderson, HSR-5  
Phillip Jacobson, C-ADI  
Jeff Johnson, NMT-4  
Ronald Karpen, DX-1  
Dale Kemp, BUS-5  
Bruce Layman, S-1  
Tammy Maestas, BUS-1  
Maria Martinez, CCN-4  
Melissa Martinez, MST-STC  
Brian McCuistain, DX-6  
Gary McMath, RRES-WD  
Markus Mueller, IM-2  
Warren Neff, ESA-EM  
Mark Peters, EES-DO  
Dean Prichard, CCS-1  
Ryan Romero, RRES-WQH  
Christy Ruggiero, C-SIC  
Samuel Salazar, NIS-6  
Michael Salmon, FWO-DECS  
Janet Scoggins, DX-1  
William Sellyey, LANSCE-1  
John Smith, P-22  
Kim Starkovich, NIS-3  
David Steedman, D-3  
Mark Taylor, LANSCE-12  
Christopher Werner, X-3  
Lyle Wichman, DX-1  
Jose Valdez, HSR-4  
Patrick Valerio, RRES-ECO  
Arturo Villalobos, DX-5



## This month in history ...

### April

**1896** — The Olympic Games, a long-lost tradition of ancient Greece, are reborn in Athens 1,500 years after being banned by Roman Emperor Theodosius I.

**1917** — America enters World War I.

**1933** — The Civilian Conservation Corps is created in Washington, D.C. Examples of the corps handiwork is evident in Bandelier National Monument as well as throughout the older housing areas of Los Alamos County in the form of rock walls.

**1942** — Seaborg arrives in Chicago and starts work on developing an industrial-scale plutonium separation and purification process.

**1943** — The contract between the University of California and the Manhattan District of the Corps of Engineers (MED) to operate Project Y, Los Alamos Laboratory, is signed.

**1943** — At the beginning of the month the original building plan for Los Alamos is 96 percent complete. It already is apparent that the original construction program is inadequate to meet needs.

**1944** — IBM calculating equipment arrives at Los Alamos and is put to work on implosion research.\*

**1945** — Preparations begin at Tinian Island to support the 509th Composite Group, and to assemble the atomic bombs. \*

**1945** — J. Robert Oppenheimer reports that Kistiakowsky has achieved optimal performance with implosion compression in sub-scale tests. \*

**1945** — President Harry S. Truman receives first in-depth briefing on the Manhattan Project from Stimson and Gen. Leslie Groves.

**1951** — Julius and Ethel Rosenberg are sentenced to death for their roles in passing atomic secrets to the Soviets.

**1981** — The space shuttle Columbia is launched from Cape Canaveral, Fla., becoming the first reusable manned spacecraft to travel into space.

**1986** — IMB unveiled its first "laptop" PC, a 12-pounder called Convertible.

**1992** — CERN, the European particle physics lab in Geneva, Switzerland, declares that World Wide Web technology, developed by Tim Berners-Lee at CERN, would be free to anyone, with no fees due to CERN.

**1993** — About 2,000 people turn out for the grand opening of the new Bradbury Science Museum.

**1997** — Douglas Engelbart won the \$5,000,000 Lemelson-MIT Prize for inventing the computer mouse.

**2001** — Secretary Spencer Abraham makes first visit to Laboratory accompanied by National Nuclear Security Administration director John Gordon.

**2002** — The Lab opens the Small Business Program Office (BUS-SBO) outreach center in Española.

### And this from the April 1965 Atom:

The year 1973 is the earliest "realistic" date for a flight test of the first U.S. nuclear-propelled rocket, Harold Finger, manger of the Space nuclear Propulsion Office, told the Senate Space Committee last month. He estimated it would cost one billion dollars to get it aloft. ... Finger said the plan is to use a cluster of LASL-developed Phoebus reactors to power the rockets."

\*Carey Sublette, "Chronology for the Origin of Atomic Weapons" from [http://www.childrenofthemanhattanproject.org/MP\\_Misc/atomic\\_timeline\\_1.htm](http://www.childrenofthemanhattanproject.org/MP_Misc/atomic_timeline_1.htm)

The information in this column comes from several sources including the online History Channel, Chase's 2002 Calendar of Events, the Newsbulletin and its predecessors, the atomic archive.com, Echo Vitural Center, Science & Technology and Real History Archives.

Submissions are welcome. Please be sure to include your source.



### TO YOUR HEALTH

*Editor's note: April is Alcohol Awareness Month. The following tips are from the American Institute for Preventive Medicine.*

#### Alcohol and bone loss

Research reported in the American Journal of Clinical Nutrition has shown that even moderate amounts of daily alcohol consumption can double the likelihood of fracturing a hip. It is thought that alcohol blocks the absorption of calcium causing bones to become more brittle.

#### Don't mix aspirin with alcohol

According to a study in the Journal of the American Medical Association, aspirin interferes with the body's ability to break down alcohol. This can increase your blood alcohol levels by as much as 30 percent over what they would be with alcohol alone.

### Nagy ...

*continued from Page 6*

He recently served as acting deputy division leader of the Project Management (PM) Division. He also has served as deputy project director of the Strategic Computing Complex construction project and was a member of the Computing Division Office management team.

Raised in New Mexico, Nagy is a graduate of Los Lunas High School. He has a bachelor of science degree in mathematics from the New Mexico Institute of Mining and Technology, a master's degree in management from the Robert O. Anderson School of Management at the University of New Mexico and master of science degree in electrical engineering, also from UNM.





# Cowan, Rosen presented the Los Alamos National Laboratory Medal

by Bill Dupuy

Noting that science is the value the Laboratory brings to the nation, Interim Director Pete Nanos called the scientific contributions of Senior Fellow Emeritus George Cowan and Senior Fellow Emeritus Louis Rosen “humbling.”

Before an audience of their peers and invited guests in the Administration Building Auditorium, Nanos on April 7 presented Cowan and Rosen each the Los Alamos National Laboratory Medal in a ceremony that launched six months of celebratory events marking the Laboratory’s 60th anniversary.

Cowan was honored for his pioneering work in radiochemical techniques and for his measurements of fundamental physical properties of neutrons from nuclear explosions.

He first came to Los Alamos in 1945. Of the momentous work done on the Manhattan Project at the time, he said, “It takes an overwhelming threat to demonstrate what people can achieve in the face of one or two enemy powers.”

But today, he said, an overwhelming threat of a different type exists. “The big job facing the nation and the Lab is to find a long-term solution to the potential of nuclear weapons falling into the hands of not one or two, but so many people.”

Cowan is a recipient of the E.O. Lawrence Award and the Fermi Award. Among other affiliations, he also is a founder and a past president of the Santa Fe Institute.

Nanos recognized Rosen for his leadership in conceiving and creating a premier research facility, the Los Alamos Meson Physics Facility (LAMPF) at Technical Area 53. Called the “flagship” of American nuclear physics when it opened in 1972, LAMPF paved the way for today’s high-intensity pulsed-proton source at the Los Alamos Neutron Science Center (LANSCE).

Rosen began his career at the Lab in 1944. From the 1960s through the 1980s, he led the diversification of the institution into world-class, nuclear-physics status.

“I believe it’s a mistake to relegate first-class, basic research to second-class status, even if practical research to solve a current problem is a top priority,” Rosen commented to the audience about his philosophy of research.

Known as a scientific “ambassador,” Rosen worked to break down barriers to scientific exchange between foreign and U.S. scientists during the Cold War.

Rosen also is a recipient of the E.O. Lawrence Award.



Before an audience of their peers and invited guests in the Administration Building Auditorium, Senior Fellow Emeritus Louis Rosen, above, and Senior Fellow Emeritus George Cowan, left, were each presented the Los Alamos National Laboratory Medal in a ceremony that launched six months of celebratory events marking the Laboratory’s 60th anniversary. Photos by LeRoy N. Sanchez

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