It’s Lockheed Martin: DOE Secretary Abraham visits Sandia to announce five-year contract extension

He praises Labs, says decision is based on recognition of outstanding performance

By Bill Murphy

Asserting that DOE should operate on “the very simple premise . . . that outstanding performance will be rewarded,” Secretary Spencer Abraham announced on Dec. 13 that DOE intends to extend for five years Lockheed Martin’s contract to manage Sandia.

“You’re performance has had an important influence on my decision concerning the future management of this lab,” Abraham said.

Speaking to a standing-room-only audience of Sandians in the Steve Schiff Auditorium and flanked by Sens. Pete Domenici, R-N.M., and Jeff Bingaman, D-N.M., Rep. Heather Wilson, R-N.M., NNSA Acting Administrator Linton Brooks, and Labs Director C. Paul Robinson, Abraham praised Sandia’s performance during the nine-plus years under Lockheed Martin’s management.

The new contract — some of the details of which are still being negotiated — will take effect Oct. 1, 2003, and be in place until Sept. 30, 2008.

Lockheed Martin’s current management contract began Oct. 1, 1993. The management fee has been approximately $16 million per year for Lockheed Martin.

“I take it by your response that you’re happy” with the contract decision, said Abraham as the several hundred Sandians in the audience burst into applause at his announcement.

“You have been best in class or among the best in managing your national security laborato-

dies during a very challenging period for nuclear weapons labs,” Abraham said. “The performance of your senior management, led by Paul Robinson, has been outstanding, as has been the technical quality of your work. [Also] your managers have made a series of very solid business decisions to support our national security mission.”

(For more comments from Abraham about Sandia’s performance, see “DOE Secretary Abraham praises Labs’ achievements,” on page 5.)

Abraham said he has worked closely with Brooks to assess the merits of the various options that might be pursued regarding the Sandia management contract.

“I must tell you that I am in principle a strong proponent of competition in most areas of life,” Abraham said. “It weights heavily in my thinking concerning the management of the Department of Energy complex. Competition can yield management improvements and of course it can help government achieve cost savings.”

(Continued on page 4)

DOE Secretary Spencer Abraham announcing the contract extension. (Photo by Randy Montoya)

Researchers cited for two of top nine developments in 2002

C&E News recognizes Labs’ materials achievements

By Neal Singer

In an emphatic recognition of Sandia’s research, the Dec. 16 Chemical and Engineering News (C&E News) — the widely distributed weekly publication of the American Chemical Society — designated two Labs developments among the nine most interesting materials achievements of 2002.

Ann Mattson and Dwight Jennison (both 1114) were cited for providing a method to mathematically calculate adhesion energies that successfully matched experimentally measured values. Remarkably, the match holds true regardless of the particular density function used for the computation. The method offers scientists what may be the first firm handle on computing bond strengths and adhesion energies at interfaces.

Says Dwight, “I’m pleasantly shocked that C&E News would pick a theoretical advance to be among the top material achievements of the year.”

“The theoretical success promises, at least, some understanding of the elusive bonding mechanism at such interfaces,” said Charles Campbell, professor of chemistry at the University of Washington at Seattle and the editor of the journal Surface Science.

The finding was the subject of the first Perspec-

(Continued on page 4)

C&E News recognizes Labs’ materials achievements

By Neal Singer

In an emphatic recognition of Sandia’s research, the Dec. 16 Chemical and Engineering News (C&E News) — the widely distributed weekly publication of the American Chemical Society — designated two Labs developments among the nine most interesting materials achievements of 2002.

Ann Mattson and Dwight Jennison (both 1114) were cited for providing a method to mathematically calculate adhesion energies that successfully matched experimentally measured values. Remarkably, the match holds true regardless of the particular density function used for the computation. The method offers scientists what may be the first firm handle on computing bond strengths and adhesion energies at interfaces.

Says Dwight, “I’m pleasantly shocked that C&E News would pick a theoretical advance to be among the top material achievements of the year.”

“The theoretical success promises, at least, some understanding of the elusive bonding mechanism at such interfaces,” said Charles Campbell, professor of chemistry at the University of Washington at Seattle and the editor of the journal Surface Science.

The finding was the subject of the first Perspec-

(Continued on page 4)

Researchers cited for two of top nine developments in 2002

C&E News recognizes Labs’ materials achievements

By Neal Singer

In an emphatic recognition of Sandia’s research, the Dec. 16 Chemical and Engineering News (C&E News) — the widely distributed weekly publication of the American Chemical Society — designated two Labs developments among the nine most interesting materials achievements of 2002.

Ann Mattson and Dwight Jennison (both 1114) were cited for providing a method to mathematically calculate adhesion energies that successfully matched experimentally measured values. Remarkably, the match holds true regardless of the particular density function used for the computation. The method offers scientists what may be the first firm handle on computing bond strengths and adhesion energies at interfaces.

Says Dwight, “I’m pleasantly shocked that C&E News would pick a theoretical advance to be among the top material achievements of the year.”

“The theoretical success promises, at least, some understanding of the elusive bonding mechanism at such interfaces,” said Charles Campbell, professor of chemistry at the University of Washington at Seattle and the editor of the journal Surface Science.

The finding was the subject of the first Perspec-

(Continued on page 4)

Researchers cited for two of top nine developments in 2002

C&E News recognizes Labs’ materials achievements

By Neal Singer

In an emphatic recognition of Sandia’s research, the Dec. 16 Chemical and Engineering News (C&E News) — the widely distributed weekly publication of the American Chemical Society — designated two Labs developments among the nine most interesting materials achievements of 2002.

Ann Mattson and Dwight Jennison (both 1114) were cited for providing a method to mathematically calculate adhesion energies that successfully matched experimentally measured values. Remarkably, the match holds true regardless of the particular density function used for the computation. The method offers scientists what may be the first firm handle on computing bond strengths and adhesion energies at interfaces.

Says Dwight, “I’m pleasantly shocked that C&E News would pick a theoretical advance to be among the top material achievements of the year.”

“The theoretical success promises, at least, some understanding of the elusive bonding mechanism at such interfaces,” said Charles Campbell, professor of chemistry at the University of Washington at Seattle and the editor of the journal Surface Science.

The finding was the subject of the first Perspec-

(Continued on page 4)
What's what

Holidays are great. You get a little rest, visit with family and friends; give and get some gifts, and maybe travel a little — and always overdo with all the yummy stuff we don’t make all that often. But that overdoing the food business is not all bad; it can be an age gauge. And you know you’ve crossed the line when you have a choice of nutmeg eggnog or the robust aroma of a great coffee or the pop of a cork from a great champagne bottle of champagne or a buttery chardonnay or the cinnamon warmth of a spiced cider but nothing sounds better than the plop-plop, fizz-fizz of an Alka-Seltzer.

* * *

I spent the holiday shutdown and then some with children and grandchildren in New Orleans and with a brother, sister-in-law, and longtime friends in Destin, Fla., and I learned a few things.

I’ve always loved peel-and-eat shrimp but never realized there’s a right way to peel ‘em. One of those long-time friends — suffering as his Tennessee Volunteers were being Peach Bowl-over (clever, huh?) by Maryland — watched as I carefully peeled a shrimp. He snorted and offered a lesson. Instead of peeling from the head end — as I had always done — he demonstrated peeling from the last shell section forward of the tail, then gripping the tail section and pinching it as you pull the shrimp out of the tail shell. You can eat a lot more shrimp that way!

And before that, I learned that you can perambulate a 2-month-old grandson to a table at a Decatur Street cafe in New Orleans’ French Quarter and finish off a muffaletto before your host can find a parking space — way before — then get to the Café du Monde and have a double order of beignets on the way before he can actually park the car.

* * *

Serving as the lab webmaster is a mostly routine drill of answering e-mail queries from students writing papers, directing other researchers to Sandian who can answer their questions, and ensuring our reward for dealing with the mundane is the occasional bit of hilarity that pops over the e-transom. Just ahead of the holidays, the webmaster got the following holiday note from the organizers of a January conference in Prague: “The Conference Organising Committee of the EPEE 2nd World Conference on Explosives and Blasting wishes you a Merry Christmas and many achievements in the New Year 2003!” Unquestionably a group of fine people doing fine work — it’s just that exploding and blasting is somehow not quite the right note for the start of the holidays.

I wondered recently why more of us don’t capitalize the name of our planet (I do) and whether our star and satellite have proper names. A few answers showed up, including the following from Gene Voelker (9727): “Surely you jest! A word-wringer can’t remember Sol, as in solar power, solar-ellipse, solstice, etc., or Luna as in lunar eclipse, lunatic, etc. And, yes, the blue/green/white/globe we live on is the Earth: plants grow out of earth.” Right-on, Gene! But “word-wringer? . . .”

— Howard Kercheval (844-7842, NS 0165, hkercher@sandia.gov)

Letter to Sandians about review of polygraph program

The following letter from Don Blanton, VP for Human Resources and Protection Services, was distributed electronically to all Sandians Dec. 20. The NAS/NRC report he refers to was summarized in the Oct. 18, 2002, Lab News. — Editor

Dear Sandians:

Many of you probably have read news stories this fall about the report on polygraphy prepared by the National Research Council, an arm of the National Academy of Sciences. The report was commissioned by the Department of Energy. The 17-member panel of the NRC conducted the most exhaustive review to date of published studies on polygraphs and current government polygraph procedures. You can read the full report on the National Academies’ Web site at: http://www.nap.edu/catalog/10836.html

Sandia has been actively discussing the report’s findings and potential next steps with representatives of the DOE, National Nuclear Security Administration, and the other two weapons labs. At present, the law requires that the DOE complete a review of the polygraph program and develop a proposal regarding its continuation within six months of release of the NAS/NRC report. The six-month deadline is April 8, 2003. Currently, the program continues in place as required by law. Congress mandates the polygraph program and neither DOE nor Sandia National Laboratories have the authority to suspend it during this review process.

It is important that you know that Sandia is fully engaged in this issue. We have taken the results of the National Academy study seriously and have expressed our concerns to the DOE. As long as the polygraph program continues, as mandated by the current legislation, we want to ensure that all Sandians are able to obtain information regarding polygraph tests and that concerns can be expressed in an organized and effective way. If you have concerns about the polygraph program and the way it is administered, I encourage you to share these concerns with your management. If you are not comfortable in doing so, Wendell Jones, our Corporate Ombudsman, has been designated to serve as a point of contact for this effort. Please feel free to call on him if you do have concerns or questions. In addition, Sandians are encouraged to review the updated polygraph Web site on Sandia’s internal Web for information and review of DOE’s program, procedures, and employee rights. The address is: http://www-irn.sandia.gov/polygraph/

We will keep you informed as the review of the program moves forward.

Sincerely,

Don Blanton
VP, Human Resources and Protection Services Division 3000

For the record

In the short piece on the Mentor Protégé Program in the Nov. 29 Lab News, the Phi Rivera listed as a mentor should have been Felipé (Phil) A. Rivera (121142).

In the Milepost photo section in the Nov. 29 issue, we misspelled the last name of Michael Hannah (5010).
Mentoring from life lessons makes a chapter for Sandia’s Linda Blevins

By Nancy Garcia

Linda Blevins (8361) keeps a small, well-traveled book on her desk that contains practical advice and strategies for launching a scientific career. Although she began her own career relatively recently, she loans out the book regularly to new researchers who visit her office and is no newcomer to career mentoring.

Indeed, she had been one of five original staff members of a graduate mentoring program in engineering of women at Purdue University, where she received her doctorate in mechanical engineering in 1996. Author Emily Wadsworth, the mentoring program originator, invited Linda and 11 other participants to each contribute to a chapter in a book on this subject, Giving Much/Gaining More: Mentoring for Success, just published by Purdue University Press.

A compilation of what Linda calls “life lessons that can apply to people in any field,” the book is organized into chapters examining polarities that the author and contributors have experienced. The polarities were identified by Wadsworth, who approached each contributor to write about one set.

The final chapter, contributed to by Linda, revolves around the polarity of “Gracing/Alienating.”

“Whenever you feel the most alienated,” Linda says, “you’re ready to learn about grace.”

For her, that has meant encouraging others, choosing to let go and seek new settings, and participating in mutually supportive activities, such as a networking group of other professional women in various careers who meet for a weekend together once a year.

Each contributor found something meaningful to say about the suggested topic. “Everyone just opened up and poured out their hearts,” says Linda.

She was touched that a co-author of her field’s most prestigious textbook on heat transfer, David DeWitt, contributed an endorsement to the back of the dust-cover jacket, calling the book “an inspiration to . . . higher values . . . from which lifetimes of successful relationships may be built.”

In graduate school, Linda served as a staff member in an engineering mentoring program that the author, Emily Wadsworth, began at Purdue University.

Linda purchased 24 discounted copies of the book (each contributor also receives five for free), and is sending them to such people as Catherine Dilion of the Association of Women in Science, Shirley Malcom of the American Association for the Advancement of Science, Eleanor Baum of the Cooper Union for the Advancement of Science and Art, and several life mentors. Jane Daniels, who was the founding president of the Women in Engineering Programs and Advocates Network while in the Women in Engineering Program Office at Purdue, is also spreading the word about the book.

The author and contributors do not receive royalties from sales. Any proceeds from book sales will support mentoring awards for students at Purdue. “We want to fund lots of awards,” Linda says. First approached to contribute to this book two years ago, Linda enjoyed slowing down to “take a look at where I’ve been and where I’m going.” With this experience under her belt, she’s not averse to future book projects.

THE NEW BOOK to which Linda Blevins contributed examines polarities experienced by contributors and the author as they faced personal or professional challenges. In graduate school, Linda served as a staff member in an engineering mentoring program that the author, Emily Wadsworth, began at Purdue University.

“My many of us had been experiencing some isolation in trying to reach our goal. You don’t even realize what you’re missing, necessarily.”

administering the Purdue student-mentoring programs for women in engineering.

Originally supported through a grant by the Alfred P. Sloan Foundation, the mentoring programs continue with support from the university and corporations, Linda says. She found working as a five-person team to organize the program activities a helpful way to learn from a new perspective instead of just tending to concerns like academic achievement and trying to work harder to tackle them.

The award-winning graduate engineering mentoring program attracted about 30 participants per year. “We got to meet a lot of other women trying to do a lot of the same things we were,” Linda recalls. “Many of us had been experiencing some isolation in trying to reach our goal. You don’t even realize what you’re missing, necessarily.”

The program works from paired matches (the “grooming model” of mentoring) to groups of three or four individuals (the “networking model”), who provided mutual support with guidance from a more-experienced member. This seemed more successful overall than matching pairs.

Going back for the book signing allowed her to revisit some of that mutual support, catching up with recent alumnae who shared common experiences. “It was the best day I’ve had in a long time.”

She believes she was asked to join the initial staff group partially because she’d been encouraged at Purdue to seek a two-year fellowship from the Henry Luce Foundation’s Clare Booth Luce Program, designed for women pursuing higher education in science, engineering, or math. The fellowship included outreach activities, which she learned to enjoy doing.

In March, she anticipates giving a seminar at a regional Society of Women Engineers meeting with a Purdue colleague who is now at Bechtel.

Lately Linda has been conducting ad hoc outreach on the book, which will be reviewed in engineering society magazines and is available through Amazon, Barnes and Noble, Borders, and Bookmasters (800-247-6553). A copy will also be available to check out from the Sandia library.

Linda purchased 24 discounted copies of the book (each contributor also receives five for free), and is sending them to such people as Catherine Dilion of the Association of Women in Science, Shirley Malcom of the American Association for the Advancement of Science, Eleanor Baum of the Cooper Union for the Advancement of Science and Art, and several life mentors. Jane Daniels, who was the founding president of the Women in Engineering Programs and Advocates Network while in the Women in Engineering Program Office at Purdue, is also spreading the word about the book.

The author and contributors do not receive royalties from sales. Any proceeds from book sales will support mentoring awards for students at Purdue. “We want to fund lots of awards,” Linda says. First approached to contribute to this book two years ago, Linda enjoyed slowing down to “take a look at where I’ve been and where I’m going.” With this experience under her belt, she’s not averse to future book projects.
Contract (Continued from page 1) savings for the taxpayer. Where performance has been less than outstanding, it's important to be willing to make changes. This is true of our contractors as well as the Department of Energy and the federal government complex. But I think the reverse is also true. Where performance has been outstanding, it's important that it be rewarded. Paul Robinson was quick to praise Abraham's announcement, stressing the need for disruption in the competition at this time of critical national challenge, and the possibility of disruption in the management and culture of the laboratories. "Lockheed Martin has proved to be a conscientious and otherwise great parent as well as an outstanding corporate citizen. They have created a world-class board of directors here, and have demonstrated a strong commitment to our community," he said.

Lockheed Martin Technology Services Executive Vice President Michael Camardo, speaking for the Corporation, said, "We are extremely proud that DOE has announced their intention to extend Lockheed Martin's contract to manage Sandia. We are dedicated to supporting DOE's mission and remain committed to being a good corporate neighbor to the citizens of New Mexico." Following Abraham's announcement, Domenici, Bingaman, and Wilson took turns at the podium to congratulate Lockheed Martin and commend the Secretary for his decision. "In my opinion," Domenici said, "it would have been a terrible mistake not to renew Lockheed Martin's contract and I don't think my friend [Secretary Abraham] makes serious mistakes...there's no laboratory that comes close in the last eight years to the ratings you all [Sandia] have earned...because of all of you and Paul and everybody else you have earned high outstanding ratings in the last nine years and that, I must tell you, is truly outstanding...I do think my vote of confidence for this laboratory and for Lockheed Martin and the management here and for the good work that all of you do is important that it be rewarded. That is good for the country and for our community here in Albuquerque, it's very good for our state, and of course it is good for the country as well." Wilson also acknowledged congratulatory words to Lockheed Martin and to Sandia. "You all have done a wonderful job," she said, "and I think this decision recognizes your outstanding performance and your contribution to the nation. It also recognizes what a wonderful neighbor you have been in Albuquerque. You've done wonderful things for this community. That is why I am so proud of the job managing one of the jewels of our national security complex. Congratulations and thank you to all of you."
DOE secretary praises Sandia: Spencer Abraham’s remarks to Sandians

Here are extended excerpts from the transcribed remarks of Energy Secretary Spencer Abraham to Sandians in Sandia’s Steff Schiff Auditorium Dec. 13.

Sandia’s role in protecting America’s security has always been critical, and I think that the attacks thrust us into a world of very new dangers — ones that made our Department of Energy in its primary mission of national security more important than ever and adding to it in emphasis of course to homeland security. Whether here in America or overseas, protecting our citizens and our national interest is a dramatic priority. I think the importance of America’s nuclear deterrent in our national security cannot be over emphasized. It goes without saying that it is not safe to have a safe, reliable, and secure nuclear stockpile.

All of you and the people at Sandia have been at the forefront of those national security efforts for more than half a century, and we depend on you to help us to make sure that we have the strong security the country demands and needs. Here at Sandia you have done an absolutely superb job and I commend you for it. Obviously when we talk about national security, the American people as a whole probably think first and foremost of those men and women in service on the front lines who are part of the armed services. They don’t necessarily know about all of the reasons of security as well as the media focus, the work done on the front lines here and in some of our other facilities to protect our nation’s security.

So, I really want to commend you for that and also I want to commend the people at Sandia for your immediate contribution to homeland security through the application of the technology that’s developed here. A short list would include the containment foam that was used to respond to the anthrax attacks, computer security systems, and chemical and biological detection devices, all of which we’ve had the chance to bring out to Washington and feature in a variety of exhibitions and expos for policy makers including especially Governor Ridge. You’ve also assisted police departments around the country with their cases, included homicides and helping police bomb squads with a variety of important tools. This lab performs all of these duties exceedingly well. You have scored high on our performance measures — in fact in the past couple of years you have consistently been rated as outstanding, the highest level award. In all of that Sandia has received are simply too numerous to mention.

Your performance has had an important influence on my decision concerning the future management of this lab. As you are well aware, the management and operating contract expires next year. I have given this matter a lot of thought, as you might imagine. Linton Brooks is our acting administrator of the National Nuclear Security Administration and he and the NNSA have worked with me to assess the merits of all available options, and I’ve carefully considered the recommendations Linton has provided. I must tell you that I am in principle a strong proponent of competition in most areas of life. It weighs heavily in my thinking concerning the management of the Department of Energy complex. Competition can bring management improvements and of course it can help government achieve cost savings for the taxpayer. Where performance has been less than outstanding, it’s important to be willing to make changes. This is true of our contractors as it is of any other part of the Department of Energy and the federal government in general. It is true that where performance has been outstanding, it is important that it be rewarded. I want the Department of Energy complex to operate on this very simple premise, which is that outstanding work will be rewarded, and in this case it quickly became clear to me that by the excellence of your performance you have earned the right to an extension of the current management and operating contract. And so I’m pleased today to announce our intent to extend the contract for another full five years. [Applause.]

I take it by your response that you’re happy with the results. It’s a lot of good reasons for this decision. You have been best in class or among the best in managing your national security laboratories during a very challenging period for nuclear weapons labs. The performance of your senior management led by Paul Robinson has been outstanding. In addition to the technical quality of your work, your managers have made a series of very solid business decisions to support our national security mission. Sandia’s especially notable for its highly qualified, effective leadership as well as its contribution to the economy and the people of the state of New Mexico. The Technology Ventures Corporation established here at Sandia to bridge laboratory technology and venture capital has produced 46 businesses creating 5,000 jobs and providing $304 million in new venture funding. Working with the department and the city of Albuquerque, Sandia has, as you know, provided $250,000 to help start a magnet school for math, science, and technology, and I want you to know that I think that’s especially impressive.

Sandia’s executives, the DOE, and I share another strong commitment, to diversity. Sandia is a leader in the development and success of small, minority-owned businesses. You’ve placed over $300 million of contracts in New Mexico over this past fiscal year with 22% of those contracts awarded to minority-owned businesses. Sandia Laboratory has twice earned the Department the Energy’s award for equal opportunity in small business participation. Participation to inclusion and high performance demonstrates a sound, systematic approach to equal opportunity and diversity, something we must continue to strive for throughout the complex. This year the Department look forward to seeing Sandia continue this outstanding contribution not only to small business and to diversity but to its own role in national security and I know that Senators Domenici and Bingaman and Congresswoman Wilson share that view.

I said earlier that these three members of the congressional delegation have been strong supporters of our labs and our weapons program and I want you to know they’ve also been strong advocates for your management team and your contract extension, and I’ve appreciate their advice and the leadership they bring to us. It hasn’t been, they’re all very subtle in those matters, especially the guy sitting right over here. In the Senate I was on the budget committee and I was my first time in the Senate, was lucky to get to it and, I became a good friend of Pete Domenici’s and really a protégé. He reminded me of that 90 or 100 times, he had got to his reminder that the performance of this laboratory was so outstanding, I just want to say thank you to them personally that all these delegation’s members were enthusiastic from day one.

One of the greatest things about being the Secretary of Energy is the ability to travel across the country and to meet people who work for us on the front lines, our dedicated employees or the department contractors. You all possess the resourcefulness, the skill, and the enthusiasm, something which is not measurable in dollars or in contracts. And all the accomplishments of your people here would not be possible unless we had that enthusiasm and personnel that are part of it. You remain committed to making this world a safer and a better place to live. It is a theme which runs through everything that Sandia does whether working on the job or volunteering in the community. It’s something I’m very proud to have a little bit of association with. Good work, experience, and dedication should be recognized and rewarded and that’s what we’re doing here today is congratulating Sandia and Lockheed Martin. Every year the DOE awards a $200,000 for the best performer in science and technology and the employees of the National Nuclear Security Administration.

One of the real challenges our department is trying to play a role in addressing is the need to motivate the young people of our country to pursue both additional education training for careers in the math, science, engineering, and other categories of endeavor. You’ve also provided another $200,000 in the talent of the executives here to support a math and science outreach program. Your executives oversee the development of the Sandia Science and Technology Park, which is currently home to nine companies. Lockheed Martin and Sandia have long recognized the roles that small businesses play in our economy. Every new business starts with an idea for a better product or process. These ideas become reality only when confident entrepreneurs are willing to take economic risks. Small businesses are the heart of America’s economy because they drive innovation, and Sandia’s small business tech assistance program has developed small business with assistance projects in just 2002 with a value of $1.2 million. The Department of Energy and I personally share your concern for the future of science and math education, and your commitment to small business. In fact we hold an annual small business conference. That is, the Department of Energy does, to encourage small businesses to help us accomplish our mission and to better serve the American people. In addition to the announcement with respect to the contract here at Sandia, I am also pleased today to make another announcement: The Department of Energy has selected Albuquerque to be the site of its fourth annual small business conference next May.

I’ve had the chance to play a little bit of a role in the planning of some of the previous conference or visit to Albuquerque. It was my first committee choice. I was lucky as a freshman to get it, and I became a good friend of Pete Domenici’s and really a protégé. He reminded me of that 90 or 100 times, he had got to his reminder that the performance of this laboratory was so outstanding, I just want to say thank you to them personally that all these delegation’s members were enthusiastic from day one.

Let me just close by saying that obviously the people who work here at Sandia and in our other labs — especially the labs that are part of our Nuclear Weapon Complex — have always appreciated the importance of America’s national security and the work that’s done to protect it. Probably more Americans than any other country recognize the world is a dangerous place and the investments we make and the work which you and others conduct is vital to the freedom our country enjoys. As I said earlier sometimes the work done in your laboratory is not as well known and sometimes for reasons of security it can’t be known, but to some of us, and I speak here from personal experience, it is a wonderful experience to work for our cabinet and our leadership in Washington, . . . of some who know what you do . . . recognize how absolutely vital your work is. I’ve spoken throughout the complex in the last year and a half about the central mission of this Department of Energy especially as it’s performed by the . . . and that is to provide the nation and the national security. Whether it’s the work you do on the front lines in so many areas or it’s the work we do in other laboratories to provide protection in the area of nuclear security, it’s absolutely indispensable to the future of our nation.

Without Sandia’s work we would not be as strong a country as we are today, and because that work is so crucial, there are few issues that are more important than ensuring that America has a strong, capable, and well-funded, 21st century. 1 want to thank you for what you have done and let you know that all of us greatly appreciate it. You do outstanding, outstanding work. This country is safer because of it. Thank you very much.
Ten teams to receive Gold President’s Quality Awards

By Chris Burroughs

Ten teams will be named Gold Award winners Jan. 15 during the tenth annual Sandia President's Quality Awards (PQA) program. Also to be awarded will be eight Silver Awards and five Turquoise Awards.

Mary Nation (12142), PQA project manager, says this year's applications are among the strongest she has seen. The PQA Program is designed to provide a self-evaluation project of activities. It encourages Sandia teams to identify customer needs and requirements, implement and document processes, and monitor the quality of goods and services provided to customers.

Independent PQA examiners evaluate all the teams' applications and recommend recipients of the gold, silver, and turquoise awards.

Teams winning Gold Awards must have achieved minimum requirements relative to customer requirements. Silver winners had to achieve and sustain very good to excellent results, and Turquoise winners had to show very good results relative to key customer requirements. 

Here are this year’s Gold Award recipients:

Quality-Significant Procurement Team

The cross-functional Quality-Significant (Q-Sig) Procurement Team was established to develop and implement a Labs-wide program to ensure requester confidence in high-risk purchases — thereby reducing the cost and time associated with those purchases. The team’s success is based on their ability to handle projects in a flexible, efficient, and responsive manner. The team has implemented numerous improvements to the procurement program, resulting in steady improvement in their performance. 

Team members include: Lyne Adams, lead (10258), James Eanes (10522), Brian Ablett (10205), Karen Archibeque (10258), Nora Armijo (10205), Betty Fleming (10526), Judith Hubbard (12610), Becky Krauss (13000), Frank Lujan III (10305), Ross Miller (3129), Roberto Jordan (8519), Donald Hjorth (5951), Richard Perry, Paul Werner, Thomas Witkowski (all 6252), and Danisha Peterson (15404).

Financial Reporting Systems Team

The purpose of the Financial Reporting Sys-

Team members include: Nancy Clark (2522), Michael Maestas (2116), and John Roberts (2912), Barbara Pass (2116), Thomas Perea (2105), Dan Porter (2105), Donald Moore (6536), Marrilee Dolan (10255), Mary Johns (9335), Marrielle Hatcher (8517), Marrielle Mancera (2105), Donnedale Horst (1701), Jerry Jewell (1701), John Salmonson (13132), and Bobbie Vital (8529).

Silver and Turquoise winners

Silver Award winners: Strengthening Quality in Sandia

Mission Critical Classified System, Lorraine West (3551); Human Factors Review of San-

Team members include: Karen Roybal (3532), Lara Manzi (10305), Robert Waters (4614); Benefits Reporting and Interface Project, Sheila Carr (3551); Hot PoleCracking Analysis Team, Pin Yang, EA Web Team, Richard Graham; Customer Service Request CSR Improvement Process, Israel Martinez (10825); and Putting the Service Back into Fleet Services, Edward Williams (10564).

Turquoise Awards: Division Training Need Survey, Michelle Fromm-Lewis, 3521; Chemical Facility Vulnerability Assessment Team, Robert Waterman (5933); Analytical Chemistry (IHAC) Laboratory Team, David Hendrickson (9524), Lenora Baca (10511), Dottie Neidigk (2116), Tom Obenauf (6514), Harvey Ogden (9335), Donald Moore (6536), Mark Morris (6514), David Nostigic (2116), Tom Obernauf (6514), Harvey Ogden (6536). Steven Olson (14243), Barbara Pass (2116), Thomas Perea (2105), Dan Porter (2133), Steven Rezac (2116), John Roberts (2912), Steven Romero (6006), Pamela Sanchez (2994), J. Robert Turner (2115), Joel Turner (2115), and Donald Lewis (1733).

Benefits Choices 2002 Open Enrollment Team

The Benefits Choices 2002 Open Enrollment Team developed and implemented a successful open enrollment campaign that introduced benefit changes for 11 distinct groups of participants with differing benefit options. The benefits changes included substantial modifications to nine existing benefit plans, the introduction of four new benefit plans, and the implementation of a new dental vendor. To conduct a successful open enrollment campaign, the design of the communication system was crucial for reaching the 30,000 customers, five aspects of the initiative had to come together: flexibility, communication, systems, timeliness, and accuracy. The team coordinated a complex array of systems to deliver a successful and seamless Benefits Choices 2002 Open Enrollment process.

Team members include: Top: Steve Kerrigan (15432), Larry Adams (9531), Barbara Allen (8527), John Bullock (9335), Marrilee Dolan (10255), Sara Fernandez (8517), Miliee Griffio (2130), Mary Jane Carroll, Debora Hahn, Deborah Nunez, Paige Harper, Peter Keehan, Mary Lahsen, Valerie Maces, Yolanda Miller, Deborah Moore, Suzanne Moya, Andrea Rael, Gabrielle Saratfy, Linda Stefon, Marlene Vegil, Carol Wade (all 3341), Gary Shepherd (9335), and Kitty Sipton (8527).

Commercial Airplane Certification Process Study Team

The Commercial Airplane Certification Process Study (CPS) was conducted from January 2001 to March 2002 to evaluate safety-critical processes associated with commercial airplane certification, maintenance, and operations throughout an airplane’s life cycle, and if appropriate, to identify opportunities for process improvement. The CPS team consisted of representatives from several organizations, including Sandia. Sandia’s representatives served as full members of the CPS team, working in specific functions to ensure overall project success. The Sandia team members enhanced the CPS team’s effectiveness by providing Sandia’s unique reservoirs of technical expertise and knowledge, and system safety-centered perspectives.

Team members include: Mark Elkan, Tonimarie Dudley, Richard Perry, Paul Werner, Thomas Witkowski (all 6252), and Danisha Peterson (15404).

Accreditation of Sandia’s Industrial Hygiene Analytical Chemistry Laboratory

Accreditation of Sandia’s Industrial Hygiene Analytical Chemistry Laboratory (IACL) Laboratory Team worked to obtain accreditation for the IHACL Laboratory from the American Industrial Hygiene Association (AIHA). IACL Laboratory is an on-site chemical laboratory that analyzes industrial hygiene, environmental monitoring, and other customer-specific samples using validated methods, strict quality control, state-of-the-art equipment, and trained and qualified personal. The IHACL laboratory also provides specialized analytical capabilities for analyzing classified material and radiological samples. The team provides expert advice regarding issues related to sampling strategy and analysis. Accreditation of the laboratory involved developing and implementing a laboratory quality system that met the requirements of the AIHA and ISO/IEC 17025.

Team members include: Melece Archuleta, Thomas Lische, Sarah Dufay, Lorraine Herrera, Chad Jhort, Roberto Jordan, Sarah Rivera, Sylvia Salzstein, (Continued on next page)
New system makes moving at Sandia a whole lot easier

By Chris Burroughs

Moving at Sandia/New Mexico just got simpler, thanks to a new process developed by a Moves Team made up of volunteers from facilities, Telecommunications (Networking and Telephone), and the Computer Support Unit.

“Starting Jan. 6, individuals or groups who are moving offices can make one simple phone call to start the whole process,” says Moves Project leader Wayne Shirley (9623). “The customer will still be involved in providing information and requirements, but coordination will now be the responsibility of the service organizations, not the customer.”

In the past, when people moved they had to make sure their telephone line, network connection, carpet, furniture and files were all scheduled to be moved at the same time. If one part of the move — such as the telephone line activation — had to be rescheduled, the customers had to call the other functions and negotiate new schedules. For people who didn’t know who to contact and in what order, moving could be very difficult. They might even find that their computer and furniture were in their new office but their telephone line wouldn’t be moved for a number of days.

Now it’s different. One phone call not only starts the whole move process, it links the customer with a system that coordinates the move tasks and provides up-to-date information from initial request through move completion. Within hours, the requester receives an e-mail giving the name and phone number of a Move Coordinator who is responsible for managing the work. That same e-mail gives a reference number that can be used to check the status of a move at any time.

The idea of the “single phone call” was proposed to and readily accepted by the directors of each of the functional areas: Dennis Corbett (10800), Art Hale (9300), and Herb Pitts (9600). Herb praises the grassroots origin of the project and the personal initiative of the team members. “The Labs owes this team a debt of gratitude for taking on the Moves Project, in addition to their regular jobs, and simplifying a process that was way too complicated.”

Although the Moves Project Team was well down the road to implementing the product before the Integrated Enabling Services initiative began, Wayne points out that the results accomplished by the Moves Project reflect the goals that IES hopes to achieve.

The thousands of people who move annually at Sandia will never see the behind-the-scenes efforts it takes to get them moved. This includes a new computer software application. The software development team, led by Julie Perich (9623), produced an application that is a microcosm of the entire project. This development is a result of a cooperative effort by software developers from within 9300, 9600, and 10800. The customer will not see most of the Move Coordinator expended to coordinate the four functions.

When people need to move, they can now call either the Corporate Computing Help Desk (CCHD) at 845-4571 or send e-mail to cchd@sandia.gov. If it’s a group move, the group’s point of contact makes just one call for everybody. Within four hours they will be notified by e-mail that a moves ticket has been opened and a Move Coordinator assigned. The Move Coordinator will be responsible for coordinating most aspects of the move, including phone, data, boxes, furniture, computer, and any facility modifications.

The Move Coordinator keeps the move on track. If, for example, carpet cleaning is delayed, the Move Coordinator would make the arrangements with the other functions — facilities, networking, telephones, and the CSUs — to make sure they can all do the move on the same day. A website has been established at http://www-ir.sandia.gov/moves that spells out BOXES are ready to be moved at Sandia. A new process developed by a Moves Team made up of volunteers from facilities, Telecommunications, and the Computer Support Unit is making moving easier.

The customer’s point of contact, the individuals actually moving, the Move Coordinator, Telecom Plus, Telecommunications, and the CSU. It lists what people moving should do at each point of the move process, such as “the day before the move” — empty desks, pack boxes, site visit, and so on.

The new moves application has an escalation system built in to ensure events occur in a timely manner. For example, if the Move Coordinator is absent on a day something needs to happen, the system is designed to send a message to the next person up the chain of command.

“We believe this new system will save a lot of time and effort from the customer’s perspective,” Julie says, “It’s focused on the person. The goal is to get the person moved as efficiently as possible.”

Management promotions

New Mexico

B. J. Jones, from Level II Manager of Workforce Management Planning/Staffing Omg. 3030 to Director of Human Resources Center 3500.

B. J. has been involved in Sandia’s Human Resources organizations since joining Sandia in 1984 as a member of the Benefits Department. She was promoted to Benefits Manager in 1989 and then piloted the HR Customer Service Manager role in Div. 6000 from October 1994 through April 1998. Since then, B. J. has been a Level I and Level II Manager in the Staffing Department. She has a BS in microbiology from Stanford University and an MBA, also from Stanford.


Kent has worked at Sandia for 27 years in solar electric and fossil energy research, systems analysis, manned space exploration, arms control, nonproliferation, and cooperative monitoring. He has

same e-mail gives a reference number that can be used to check the status of a move at any time.

The idea of the “single phone call” was proposed to and readily accepted by the directors of each of the functional areas: Dennis Corbett (10800), Art Hale (9300), and Herb Pitts (9600). Herb praises the grassroots origin of the project and the personal initiative of the team members. “The Labs owes this team a debt of gratitude for taking on the Moves Project, in addition to their regular jobs, and simplifying a process that was way too complicated.”

Although the Moves Project Team was well down the road to implementing the product before the Integrated Enabling Services initiative began, Wayne points out that the results accomplished by the Moves Project reflects the goals that IES hopes to achieve.

The thousands of people who move annually at Sandia will never see the behind-the-scenes efforts it takes to get them moved. This includes a new computer software application. The software development team, led by Julie Perich (9623), produced an application that is a microcosm of the entire project. This development is a result of a cooperative effort by software developers from within 9300, 9600, and 10800. The customer will not see most of the Move Coordinator expended to coordinate the four functions.

When people need to move, they can now call either the Corporate Computing Help Desk (CCHD) at 845-4571 or send e-mail to cchd@sandia.gov. If it’s a group move, the group’s point of contact makes just one call for everybody. Within four hours they will be notified by e-mail that a moves ticket has been opened and a Move Coordinator assigned. The Move Coordinator will be responsible for coordinating most aspects of the move, including phone, data, boxes, furniture, computer, and any facility modifications.

The Move Coordinator keeps the move on track. If, for example, carpet cleaning is delayed, the Move Coordinator would make the arrangements with the other functions — facilities, networking, telephones, and the CSUs — to make sure they can all do the move on the same day. A website has been established at http://www-ir.sandia.gov/moves that spells out responsibilities of the customer point of contact, the individuals actually moving, the Move Coordinator, Telecom Plus, Telecommunications, and the CSU. It lists what people moving should do at each point of the move process, such as “the day before the move” — empty desks, pack boxes, site visit, and so on.

The new moves application has an escalation system built in to ensure events occur in a timely manner. For example, if the Move Coordinator is absent on a day something needs to happen, the system is designed to send a message to the next person up the chain of command.

“We believe this new system will save a lot of time and effort from the customer’s perspective,” Julie says, “It’s focused on the person. The goal is to get the person moved as efficiently as possible.”

Management promotions

New Mexico

B. J. Jones, from Level II Manager of Workforce Management Planning/Staffing Omg. 3030 to Director of Human Resources Center 3500.

B. J. has been involved in Sandia’s Human Resources organizations since joining Sandia in 1984 as a member of the Benefits Department. She was promoted to Benefits Manager in 1989 and then piloted the HR Customer Service Manager role in Div. 6000 from October 1994 through April 1998. Since then, B. J. has been a Level I and Level II Manager in the Staffing Department. She has a BS in microbiology from Stanford University and an MBA, also from Stanford.


Kent has worked at Sandia for 27 years in solar electric and fossil energy research, systems analysis, manned space exploration, arms control, nonproliferation, and cooperative monitoring. He has
WES MARTIN of Classification and Information Security Dept. 3132 began the new year with activation orders to serve the next six months on Pentagon staff. Recently promoted to colonel, Wes will lead a Military Police team assigned to assess security of Army bases. Wes also recently completed a tour of duty as commander of the 647th Area Support Group. In this position he commanded 80 percent of Army reserves in New Mexico. Simultaneously, he earned positive attention for pinch-hitting as “Voice of the Grunt” while his original, military news commentator and author Col. David Hackworth, was on book tour. In addition to continuing his work for national security, this Washington-based assignment will afford Wes even greater opportunity to focus on his research and writing. (Photo by Randy Montoya)

Feedback

Q: Why does Sandia link to a site that utilizes spyware cookies? The weather underground page that is linked directly from the News Center page uses spyware cookies to report on web activity. The cookie is [yourname]@bfast1.txt and gets written through into the cookie folder. This cookie has been identified as a Bfast.com spyware cookie and it clandes- tinely reports browsing activity to any site that can read this particular cookie. A software package I use called Pest Patrol found this cookie and many others that harvest browsing data and use it pre-sumably for marketing. Isn’t it against Sandia policy to support such a web site?

A: Sandia’s CFRs (Corporate Process Requirements) do not currently prohibit the posting of links to external web sites that may use cookies to manage visitor interactions. Computer Security has also determined that no significant information can be gathered this way, and the expensive process of monitoring the many sites we link to, and analyzing the content of the cookies they set, is not warranted from a security standpoint. The question here may be whether this site infringes on employee privacy by using cookies to harvest basic visitor infor-mation and browsing habits. Employees can turn cookies on or off in their browsers, or choose the option to be notified when cookies may be used, to prevent or minimize harvesting of information. However, this option may interfere with proper functioning of many internal applications that depend on cookies to func-tion. This link, in particular, is a basic external resource that the Web Operations program has determined to be more useful to the Sandia internal community than any annoyance it may present from using cookies.

*** — Art Hale (9300)

Q: Is it ok to download a “WeatherBug”? As winter approaches an application like KOB-TV’s WeatherBug would be of use in monitoring weather conditions in the area. Does this have too great an impact on network load?

A: Thank you for seeking guidance on the suit-ability of WeatherBug. WeatherBug is of a class of software whose development is supported through the placement of targeted advertisements on your desktop. Such software tracks and submit your web activity to the software developer or third-party ser-vices for aggregation purposes. The types of advertisements these applications display on your desktop are thus based upon your web activity. Tracking and aggregating the web sites we visit reveals what information we are interested in. Each additional Sandia computer that runs traffic aggre-gating software provides a larger and more accurate picture of our web activity and interests to outside entities. Preserving our privacy and limiting the scope of analysis of our web activity compels us to block advertising-supported software at our fire-walls and proxy servers. **— Art Hale (9300)

Q: Is it appropriate to post invitations to religious events, local churches, business cards, or for-profit city events on Sandia bulletin boards?

A: There are work-related bulletin boards and anything posted on them, other than information directly related to Sandia/LMC business and Sandia/LMC activities is inappropriate. Examples of what may be on bulletin boards are information about ESH, EEO/Diversity, Sandia meetings, ECP, Savings Bonds, union information, and official Sandia announcements. Anything else related to non-Sandia organizations or groups and their meetings, events, or activities is inappropriate. These bulletin boards are provided as a way for management to get the word out to employees about Sandia/LMC related matters. They are not for the use of non-Sandia organizations or private individuals. — Don Carson (12600)

PQA winners

(Continued from preceding page)

Sonoya Shanks, and Joseph Zigmond (all 3125).

Model Validation Design-Build Project

The Model Validation and System Certification Test center project constructed facilities to support Sandia’s Technical Area 3 full-scale environmental test operation. The project included communica-tions infrastructure and a newly remodeled 18,600-square-foot building housing office space, light lab-oratories, command/control centers, and data management, computing, 3-D visualization, video editing, dark room, and video conferencing capabil-ities. The project significantly expanded the pro-

grammatic capabilities in Area 3.

Team members include: Brett Locke (10853), Ricardo Ortiz (10824), Gilbert Aldiz (10827), Julia De La Cruz (10205), John Eisenberger (10862), Richard Elliott (10827), Edward Garavaglia (91340), John Rathbun (10861), Thomas Romero (10827), Dwayne Knoll (12216), Carlos Medina (10862), James Nakes (10312), Jay Peterson (9343), John Rathbun (10861), Thomas Romero (10861), Cyndi Silva (10824), Vicki Williams (9334).

Nuclear Weapons Financial Analyst Curriculum

Nuclear Weapons Financial Analyst Curriculum

Nearly two years ago Senior VP 9000 Tom Hunter challenged the Nuclear Weapons Business Office and the Program Director Leadership Team to come up with a mechanism to “certify” anyone doing financial work in the SBU. Tom wanted to know exactly who was doing nuclear weapons financial work and programs they supported and to create a way to ensure that the people supporting the nuclear weapons project managers had the right level of knowledge, skills, and abilities. The Nuclear Weapons Financial Analyst Curriculum Team took on Tom’s challenge using a common knowledge base, financial information, and communica-tions to streamline, integrate, and formulate business practices at a necessary level.

Team members include: Lyle Lininger (10003), Dorothy Brockman (10502), Wendy Bechdel (10003), Beth Dick (10008), James Finch (2913) Jeffrey Kallio (9700), Andrew Kazensky (6541), Gregory Mace (10003), Laura Owens (10003), Juanita Padilla (35201), Linda Stackpole (35201), Frank Villaran (10258), Patricia Willan (3521), and Pablita Zuni (10502).
January 2003

Numerous changes have been implemented since the last time we published the Sandia organization chart nearly a year ago. Most are at the Center level — retirements, newly appointed directors, changes in center names, and so on. But some are at higher levels: a newly established Homeland Security office, a new Executive Staff Director, and the elevation of Dave Nokes to VP 5000. All these are reflected on this new organization chart.
**Recent Retirees**

- David Smallwood, 40, 9124
- Edwin Kjeldgaard, 36, 6541
- Ivan Waddoups, 36, 5845
- Dwight Lambert, 34, 6428
- Herb Pitts, 41, 9600
- John Duncan, 40, 2117
- George Greer, 20, 10826
- Neill Gilbertson, 25, 10848
- Daniel Naru, 20, 12830
- Ina Frazier, 15, 3102
- Emily Soares, 15, 8941
- Henry Martinez, 34, 14181
- Fred Anderson, 30, 2612
- H. Felix Gutierrez, 29, 10268
- Juan Ramirez, 29, 9720
- Lucien Rice, 28, 2554
- Hugh Walker, 27, 9143
- Danny Padilla, 25, 10268
- Margaret Carroll, 24, 3127
- Mary Courtney, 23, 9000
- Phyllis Lusader, 20, 3132
- Dolores Maes, 20, 9711
- Karen Pound, 20, 10258
- Lupe Raines, 19, 1701
- Raymond Zazworsky, 18, 9813
- Roberto Gutierrez, 16, 10848

**Retiring and not seen in Lab News pictures:** Rosario Chavez (2660), 18 years.

**Mileposts**

- New Mexico photos by Iris Aboytes
- California photos by Bud Pelletier

**Retiree deaths**

- Cynthia L. Kelly (age 73) .................................. June 19
- Dorothy S. Evans (79) .................................... June 27
- Joseph A. Woodley (89) .................................. July 22
- James E. Gearhart (72) .................................... July 31
- Richard L. Eno (71) ................................. Aug. 2
- Clifford J. Fisk (76) ..................................... Aug. 7
- James R. Holpp (84) .................................... Aug. 10
- Donald W. Bauder (73) ......................... Aug. 14
- Samuel Salazar (90) ................................. Aug. 14
- Burton S. Snow (88) ................................. Aug. 17
- Raymond A. Humes, Jr. (83) ...................... Aug. 19
- Robert K. Cover (65) ................................. Aug. 21
- Ray A. Rogers, Jr. (80) ........................ Aug. 25
- Donald A. Hedges (73) ........................ Aug. 27
- Rex R. Richard (85) ................................. Aug. 30
- Amador B. Luvato (94) ........................ Aug. 31
- Edward C. Neidel, Jr. (80) ......................... Aug. 31
- Joe G. Chavira (85) ................................. Aug. 27
- Ruth N. Brooks (69) ................................. Sept. 1
- Harold F. Keith (84) ............................. Sept. 3
- Mary A. Bordenave (87) ........................ Sept. 4
- Garvis A. Chandler (90) ........................ Sept. 8
- Pete C. Hernandez (74) ........................ Sept. 12

**Take Note**

Retiring and not seen in Lab News pictures: Rosario Chavez (2660), 18 years.
MISCELLANEOUS
UPRIGHT FRIEZER, white, 16 cu. ft., classed Ads classified Ads
REPLACED: respect for privacy is must go, $100 OBO. Lynch, 980-1889
SOUTHWEST AIRLINE TICKETS: Rapid Reward, 1 valid until March 03, 1 combo valid until 30 March 03; B521 OBO. Buyer, 856-0596.
FIREWOOD: (2 cords), mixed species, some mulberry, free birch, goods, high-quality, $13, stroller, $15. 856-1202.
SPARKERS, Pioneer, 240v, 4-way, $150; oak/cane chair, antique, excellent condition, $40. Wilson, 100, 322-8294.
SNOWBLOWER, tractor-mounted for T-1, runs and does work, purchased in ’91, best offer over $570. Ely, 296-0714.
UPRIGHT PIANO, needs tuning, OBO, 450 sq. pc. sectional, $350. Todd, 404, 294-3445.
RACQUETBALL: (new, $150). racquetball, 2 x 4 with dispenser in 8 yr. old, white, $45. 306-0119, $35. Drywall, 271-0741.
TIMESHARE, 1-bdr., 1 week, Cliffs Club, $200. See broker for price. 856-5511. 797-3457.
COLOR TV, Sanyo, 26-in., remote $1,000), coffee table & end tables, $250; baby booster seat, $10; highchair, $35; stroller, $15. 96 TOYOTA 4RUNNER SR5, 4x4, V6, 99,999 miles, with 1 owner, excellent condition, $5,200. Edge, 1039-3228.
CAMPER SHELL, blue, screened $300; baby booster seat, $10; highchair, $35; stroller, $15. 96 TOYOTA 4RUNNER SR5, 4x4, V6, 99,999 miles, with 1 owner, excellent condition, $5,200. Edge, 1039-3228.
UPRIGHT FREEZER, white, works & 35MM SLR CAMERA, Nikon, 28-80 mm $300. Schneider, 291-2700.
UPRIGHT PIANO, needs tuning, OBO, 450 sq. pc. sectional, $350. Todd, 404, 294-3445.
RACQUETBALL: (new, $150). racquetball, 2 x 4 with dispenser in 8 yr. old, white, $45. 306-0119, $35. Drywall, 271-0741.
COLOR TV, Sanyo, 26-in., remote $1,000), coffee table & end tables, $250; baby booster seat, $10; highchair, $35; stroller, $15. 96 TOYOTA 4RUNNER SR5, 4x4, V6, 99,999 miles, with 1 owner, excellent condition, $5,200. Edge, 1039-3228.
CAMPER SHELL, blue, screened $300; baby booster seat, $10; highchair, $35; stroller, $15. 96 TOYOTA 4RUNNER SR5, 4x4, V6, 99,999 miles, with 1 owner, excellent condition, $5,200. Edge, 1039-3228.
UPRIGHT FREEZER, white, works & 35MM SLR CAMERA, Nikon, 28-80 mm $300. Schneider, 291-2700.
So you want to be a teacher? Here’s how

By Charlie Thomas

Are you looking for a second career? Or are you thinking of a career change? Have you always wanted to teach in a college or elementary school? Throughout my career, I found that teaching was either a primary function, or part of my job that had another primary description. I also found out that I enjoyed helping folks learn: children, fellow workers—anyone needing help. You may feel the same. A few months ago, I decided to look into the teacher shortage in New Mexico and wondered if I could help. The universities in this state turn out about 1,200 teachers each year. However, due to population growth, teacher retirement, and other factors, New Mexico needs an additional 400 teachers each year. Our teacher salaries do not compete well in this region; so, unless the state or districts decide to provide incentives to teachers, we will not import too many. But there are teacher transition programs available. If you may be interested, read on!

Military personnel can apply for the Troops to Teachers (TTT) program if they meet certain requirements. But what about the rest of us: Sandia employees, DoD civilians, DOE employees, and others. I was concerned that there was no equivalent of the TTT program, especially for many of the people working on Kirtland with degrees and experience in the world of math and science.

Earlier this year, I asked Sandia Labs to survey employees to see if there was interest in teaching as a second career. I was surprised when more than 134 folks expressed interest. So, I set up a meeting with UNM, TVI, APS, College of Santa Fe, and those interested. Here is the information we shared:

• If you want to teach at a university or junior college, you need a degree and background in the subject matter. Contact the institution directly (the department of interest) and tell them of your interest.

• If you want to teach at the preschool through high school level, you need a certificate. Many of the institutions offer degrees or courses in a specific subject or in education; these can lead to a certificate.

• There are alternative licensure programs (approved by the state) for those who have subject matter background and want to teach pre-school through high school, but lack the educational courses; our New Mexico institutions offer different programs (elementary education, special education); the course work is followed by mentoring in the school district where you plan to work.

• A quick way to the classroom is being a substitute teacher. You may also find out that class placement is much easier if possible.

Ultimately, there will be a Web site for this program; candidates, school districts, and others interested should be able to share a wealth of information as well as accomplishing specific tasks such as enrolling, finding vacancies, etc.

The grant will also support modules for candidates who will seek alternative licensure: either by taking a required number of semester hours at an accredited institution, or by the "portfolio method," bringing your credentials and demonstrating competency for the license being sought.

Personally, I am excited about what’s happening. This article could not attempt to cover all the information about education, educational benefits (VA for example), and the myriad of programs available. However, all the institutions throughout New Mexico are getting on board with the teacher shortage and alternative licensure. I think the timing of all these initiatives is terrific.

If you have some interest (and my list of 140 interested people is constantly updated), you can call me at 945-5752; email is chamot@Sandia.gov. Remember, I am just an interested facilitator; the folks listed in the box are the direct contact people who should be much better at answering your questions.

Charlie Thomas is a senior manager in Sandia’s Executive Staff Director Office 12160 and former Commander of Kirtland Air Force Base (Col. USAF, ret.).

Ace welding student finds support at Sandia

WHEN SANTA FE HIGH SCHOOL (SHS) graduate Matt Krebs, silver medalist in welding at the 2002 National Skills USA competition, decided to try for a slot on the 2003 Skills USA welding team and a chance to represent the US at an international competition in Switzerland this summer, he faced one big hurdle compared to most of his competitors: his location. Santa Fe is not known as a hotbed of welding expertise. Most of Matt’s competitors are coming from areas with larger pools of welders. In the photo above, Matt and John Casias (9122) examine X-ray images of one of Matt’s welds. Skills USA team selection begins in June 2003. SHS and Sandia are partnering through the DOE DP Laboratory Critical Skills Development Program “Advanced Manufacturing for Education,” which sponsors Advanced Technology Academies to provide critical training opportunities for students. (Photo by Randy Moniota)

Feedback

Pavement ‘buttons’ explained

Q: I applaud the attempt to slow down the traffic south of Hill. 825 by placing the yellow rumble strips on the road. However, I believe that the rows of “dots” within each section were installed too close together and do not provide the intended effect as installed. The rows should be 6 to 12 inches apart in order to have some effect on the vehicles. As they are now, it is one little bump when you start onto the strip and one little bump when coming off. People are hardly slowing down at all.

A: In a continuing effort to remind drivers that they are entering a 15-mph zone, we have placed raised pavement markers (buttons) at both ends of N Avenue. In addition, we have also increased the size of the special limit signs for visibility. As you mentioned in your feedback, buttons are commonly used to alert drivers of changing driving conditions such as reduced speed limits, odd placed crosswalks, bridges and/or other obstacles. The use of buttons in a series is adequate for vehicular traffic. However, on N Avenue we experienced a substantial volume of forklift traffic and construction equipment. Forklifts in particular are ill equipped to handle buttons. In an effort to alert drivers and keep the forklift traffic safe, we decided to place the buttons in this configuration at both ends of the street. The driver of a vehicle is responsible for observing the speed limits of 15 mph in this area or risk being ticketed by Sandia or USAF Security Police Officers. But, more importantly, it affords the pedestrians in the area a much safer environment. — Ed Williams (108/49)