

### Groundwater training mock-up successful

Karin Nickola, *Fluor Hanford*

The Fluor Hanford-managed Groundwater Protection Program drills wells — mostly to monitor groundwater for contaminants and, if it is contaminated, to treat it. The program also drills boreholes to obtain soil samples for the characterization of inactive waste sites.

Well drilling is not technically considered a high-risk activity. Even so, planning and training are a big part of the program — minimizing the risks to workers, the environment, and the general public.

When the Groundwater Protection Program must drill into contaminated soil, the risk increases. But the program continues to seek ways to maintain or improve worker safety in these special situations, while adhering to its accelerated cleanup schedule.



Groundwater Protection Program workers remove a waste drilling drum from the 200 PW-2 Waste Site Investigation drilling enclosure.

### In contaminated soil

One way the Groundwater Protection Program meets the challenges associated with drilling into contaminated soil is through the Enhanced ALARA (As Low As Reasonably Achievable) Committee.

“We review overall plans, history files, estimates for exposure, and equipment,” said Bob DeMarah, ALARA coordinator for the Central Plateau Remediation Project. “Among other things, we consider the potential for personnel contamination from soil-handling, drill-rig contamination, airborne contamination and contamination spread from equipment that extracts soil samples. We also look at safety considerations posed by heavy equipment — like a drill rig’s rotating machinery, noise levels and heavy loads.”

Knowing the Groundwater Protection Program would be drilling into contaminated soil this past July, Russ Fabre, Dorman Blankenship, Gary Hastings, Tom Bradfield, Steve Jerkins and Ed Rafuse of the Groundwater Protection Program made a presentation to the Enhanced ALARA Committee in May. Incorporating principles of the Integrated Safety Management System, the Voluntary Protection Program, Automated Job Hazard Analysis and work planning, the presentation outlined the challenge they faced and how they would meet it.

“I can’t say enough about the planning and preparation that went into the Groundwater Protection Program team’s presentation to our committee,” said DeMarah. “It was one of

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## Groundwater training mock-up successful, cont.

the best I have seen. In essence, the team described step-by-step how they intended to safely drill into the contaminated soil, and how they would test some innovative new engineered safety measures during a regularly scheduled low-risk well-drilling activity.”

### The mock-up

“Basically, what we wanted to do was create negative air flow through an engineered ducting system,” said Groundwater Protection Program Operations manager Russ Fabre. “That way, we could move airborne contaminants out of the borehole and into a HEPA filter before the contaminants could enter the workers’ air space. If it worked as we thought it would, the practice would lower the requirements for putting people in respiratory protective equipment. And that would help us perform the work that lay ahead more safely, quickly and cost-effectively.”

With a few minor modifications, the Enhanced ALARA Committee agreed with the GPP team’s plans. So employees began constructing their on-the-job mock-up.

The mock-up had several features:

- a sample table, where cylinder-shaped soil samples could be unloaded from a hollow drilling device called a “split spoon”
- a HEPA-filtered enclosure over the sample table to control the majority of potential contamination on the table
- a portable Kelly building made of steel supports, a portable roof, and walls to enclose the entire sampling-table operation from the environment
- HEPA-filtered exhausters to prevent potentially contaminated soil particles from becoming airborne.

For overall safety during the mock-up, hydraulically operated wrenches were used to minimize the effort required to open the split spoons. Appropriate personal protective equipment was used to prevent personnel contamination, and workers wore lapel air-sampling devices for air monitoring.



**Bruce Ford, Larry Hulstrom, Ed Rafuse and Jeff Pope of the Groundwater Protection Program give Bryan Foley of the DOE Richland Operations Office a tour of the 200 PW-2 Waste Site. In the background are a borehole drilling rig and drilling enclosure.**

### Finished on schedule

In July, the Groundwater Protection Program team safely completed its high-risk drilling workscope on schedule. In the final analysis, it seems the comparatively small amount of time and money spent preparing and practicing for the higher-risk job in a safe, controlled environment actually saved time and money for the program and the taxpayers. ■

# Plutonium Finishing Plant receives VPP Star status

Karen Welsh, Fluor Hanford

“The world’s best, dealing with the world’s worst.” That’s how Hanford’s Plutonium Finishing Plant, managed by Fluor Hanford, and its employees were described during a review that resulted in their achieving “Star” status recently in the Department of Energy’s Voluntary Protection Program.

PFP, where plutonium and its byproducts from past processing are being safely stabilized, is the seventh Fluor Hanford-managed facility, and the first plutonium facility in the DOE complex, to receive this award. “I think that is quite an achievement because of all of the dangerous work we do at PFP,” said Dena Bultena, a health physics technician at PFP. “I’m extremely proud to be part of the PFP team and its true commitment to working safely.”

The VPP program honors organizations that demonstrate excellence in safety across the DOE complex. To be eligible to receive VPP Star status, an organization is required to submit a VPP application and undergo a rigorous assessment of its safety procedures and work practices. In this case, the assessment was conducted by representatives of DOE Headquarters, the Occupational Safety and Health Administration, Fluor Hanford, the DOE Richland Operations Office and the Hanford Advisory Board.

During the assessment, PFP was evaluated on how its employees applied the five tenets of VPP — management commitment, employee involvement, work-site analysis, hazard prevention and control, and safety and health training.

Bultena and Bob Evans, a lead in PFP’s Safety and Health organization, assembled the team that worked on the VPP application. “We knew that everything was there for us to achieve this goal,” said Bultena, “because our employees don’t treat safety as a program — they truly *live* each day doing their work safely.”

The PFP team also just reached a milestone of a million safe work hours without a day lost to injury. This achievement represents 12 months of working safely while performing unique and dangerous tasks.



Employees at PFP prepare to raise the colorful VPP Star flag that will fly proudly below the stars and stripes.



*Continued on page 4.*

## Plutonium Finishing Plant receives VPP Star status, cont.

“There are extraordinary people working at PFP, where everyone works together on solving problems,” said Evans. “There is mutual accountability, and working safely is on everyone’s mind.”

PFP was recognized for achieving Star status during the President’s Zero Accident Council meeting on Aug. 21. “VPP gives us the confidence that there is integrity and safety out at PFP,” said DOE-RL manager Keith Klein.

Klein awarded the colorful VPP flag to acting PFP project director Scott Sax and other members of the PFP team. Employees proudly raised the new flag at the facility and were honored at a reception later that day.

Evans and Bultena attribute the achievement to employee involvement and management support. “If you truly incorporate the tenets and guiding principles of VPP and ISMS in your everyday work practices, you will see success,” Evans said proudly. “And that’s exactly what we’ve done.” ■

### The PFP manager’s safety pledge

PFP managers are committed to getting work done safely, and each has signed the following statement:

- I recognize the importance of the PFP mission to our nation, to future job opportunities at Hanford, and to the Fluor Hanford Corporation.
- I value the people who work with me on the PFP team to accomplish the mission, and recognize that they (like me) make honest mistakes from time to time.
- I believe that my team functions best when I listen carefully and resolve error precursors and flawed defenses identified by my people before proceeding with work tasks.
- I understand my manager’s expectations of me with respect to the decisions I make in giving proper balance to safety and getting work done.
- I accept that my leadership and my team’s performance need to continuously improve in order for PFP to become the safest, most productive, and most cost-effective facility in the DOE.

Therefore, I commit today to examine my leadership style, and change any behavior that interferes with my people’s involvement in getting work done safely. I commit to encouraging involvement and effectively resolving concerns, recognizing the role I play in reducing errors within my team. I understand the value of systems like ISMS and VPP to help me solicit worker involvement and channel it into safe work.

\_\_\_\_\_  
**Signature**

“Junior Achievement is a wise investment in the Tri-Cities’ economic future. I’ve been familiar with JA for years. It’s one of the best programs I have been associated with in terms of helping the students, the community and the businesses that participate.”

**Keith Klein, manager  
Department of Energy  
Richland Operations Office**



## **Junior Achievement holds meetings for prospective volunteers**

Junior Achievement can offer you the opportunity to become an important, possibly life-changing, role model to young people. Junior Achievement’s mission is to inspire young people to value their education and prepare them for the world of work.

Volunteers are the heart and soul of Junior Achievement. For students, they offer inspiration, enthusiasm, knowledge and living proof of how education can change their lives. JA volunteers are mentors, role models, cheerleaders and instructors working to help today’s kids grow into tomorrow’s success stories.

John Umbarger, JA board member and Fluor Hanford employee, said, “What could be more rewarding than showing young people the door to a brighter future while at the same time helping our community and our country?”

Volunteering is easy. Volunteers may choose to teach students at a variety of age levels, from kindergarten through 12th grade. The time commitment is five one-hour lessons at the elementary level, or eight one-hour visits at the middle-school and high-school levels. Programs are offered in seven local-area school districts.

Junior Achievement supplies the lesson plans and all the activity-oriented materials used in the classroom. Materials include posters, educational games and activity sets, stickers and overhead transparencies. Each volunteer is provided with training and ongoing support by qualified JA staff members.

*Continued on page 6.*

## Junior Achievement holds meetings for prospective volunteers, cont.

### Your company's coordinator:

- Fluor Hanford — Karen Welsh
- Battelle — Rosemarie Bartlett
- CH2M HILL Hanford Group — Cheryl Coppinger
- Hanford Atomic Metal Trades Council — Rebecca Holland
- Lockheed Martin Information Technology — Kyle Willers
- U.S. Department of Energy — John Eschenberg

Requests from educators for JA programs increase each year, as more teachers become familiar with the effectiveness of the presentations. Although the number of programs offered has grown dramatically, demand far exceeds resources.

Junior Achievement is a Department of Energy-approved volunteer activity. With your management's permission, you are invited to attend one of the following no-obligation information sessions. Refreshments will be provided.

Date	Time	Location
Tuesday, Sept. 9	11:30	1981 Snyder, room 132
	3:30 p.m.	2420 Stevens Center, room 153
Wednesday, Sept. 10	noon	ETB, Columbia River Room
Wednesday, Sept. 17	3 p.m.	2440 Stevens Center, room 1305
Thursday, Sept. 18	3:30 p.m.	2420 Stevens Center, room 153

For additional information on how you can become a Junior Achievement "hero," call the Junior Achievement offices at 783-7222, visit the Web site at [www.ja.org](http://www.ja.org) or send an e-mail message to [opportunty@aol.com](mailto:opportunty@aol.com). ■

# United Way campaign in full swing for Pacesetters

It is the end of summer, and for the paceset-ting Hanford contractors, the United Way fund-raising campaign is already in full swing. For the rest of the community, the drive begins Sept. 4 and ends Nov. 14. Pacesetters are companies that start the local United Way drives early and keep the momentum up throughout the fund-raising campaign. This year, CH2M HILL Hanford Group, Fluor Hanford and Pacific Northwest National Laboratory are leading the Pacesetters campaign for the United Way's Hanford division. Co-chairmen for the Hanford division this year are CH2M HILL Hanford Group Vice President of Human Resources and Communications Pat Hickerson; Hanford Atomic Metal Trades Council President Tom Schaffer; and PNNL President and Chief Executive Officer Len Peters.

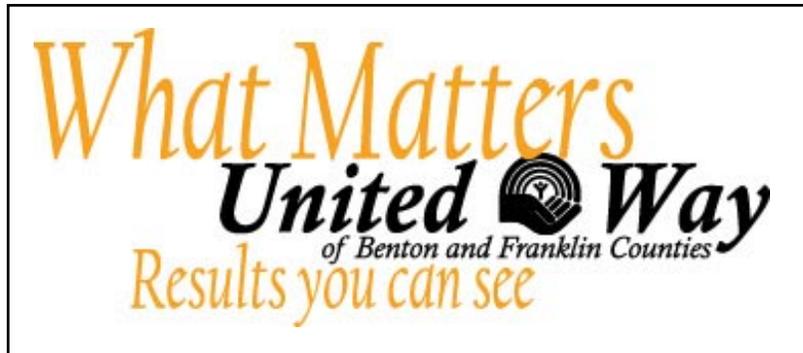
The United Way of Benton and Franklin Counties is a local not-for-profit organization governed by a 75-member volunteer board of directors. When you donate money to the United Way, your donation is pooled with the donations of other people and organizations. The pool of money is distributed to organizations in the community that help children, teens, adults, families, seniors, people with disabilities, and people in need of safety, education, training, stability, food, short-term housing, medical care, jobs, youth development or quality child care. You may also specifically designate a donation to any not-for-profit 501(c)(3) organization.

An easy way to donate is through payroll deduction, although donations are accepted in the form of cash, personal checks or credit cards.

This year the United Way of Benton and Franklin Counties' fund-raising goal is \$4 million. In the past, donations from the Hanford workforce have contributed approximately 50 percent of the fund-raising goal.

Jody Briones, Fluor Hanford's United Way chairman for 2003, commented that Fluor's main goal this year is to increase the percentage of its employees who participate in the campaign. "When people understand what United Way does, and how important this organization is to our community, we hope that more employees will donate to United Way and even volunteer their time to help out some of the agencies that United Way supports," Briones said.

As part of their support for United Way, Hanford contractors make some of their employees available to help with the fund-raising campaign.



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## United Way campaign in full swing for Pacesetters, cont.

Fluor Hanford's Jim Millbauer, a pipefitter and chief union steward with 200 Area Fabrication Services, is returning for a third year to serve as a loaned executive to the United Way campaign. He helps with Fluor Hanford and HAMTC rallies to encourage worker participation in the United Way campaign. "Fluor Hanford makes it easy to help United Way," he said. "They pay for my time and they match 50 percent of the employees' contributions. What easier way is there to give back to your community? Making your donation through payroll deduction is almost painless."

Aome employers match a percentage of their employees' contributions to United Way. The Fluor Foundation donates 50 cents for every dollar Fluor Hanford and Fluor Federal Services employees donate. CH2M HILL donates 25 cents for every dollar their employees donate. Other companies like Battelle and Bechtel make corporate donations to United Way. ■

# You should know...

Hanford employees in these occupations have been sensitized or have developed Chronic Beryllium Disease.

- Carpenter
- Electrician
- Secretary/Clerk
- Manager/Supervisor
- Power Operators
- Fire/Security/Medical personnel
- Ironworker
- Engineer
- Insulator
- Millwright
- Driver

Only 10% of  
Hanford Employees  
have been tested...

Have you?



Find out more information about beryllium by visiting  
[www.hanford.gov/safety/beryllium](http://www.hanford.gov/safety/beryllium)

  
Beryllium Awareness

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## Picture Pages



**NEW CONTRACT FOR PNNL OPERATION:** Paul Kruger (left), associate manager for Science and Technology in the Department of Energy Richland Operations Office, and Len Peters, director of Pacific Northwest National Laboratory, seal a new contract agreement with a handshake. The contract signed Aug. 27 will govern Battelle's operation of PNNL through September 2007. More autonomy and scientific "stretch goals" are among the hallmarks of the new operating contract. Battelle will have the potential for earning a higher fee, counterbalanced by its acceptance of greater accountability and risk.

### **FILLING THE BOOT FOR THE**

**MDA:** Hanford firefighters Josh Hatch (holding the boot) and Sean Strege collect a donation from Larry Olguin, vice president of Fluor Hanford's Central Plateau Remediation Project. Hanford firefighters were collecting donations Aug. 22, at the Wye, Rattlesnake and Yakima Barricades, and at the 300- and 400-Area gates, for the Muscular Dystrophy Association's "Fill the Boot" campaign. This is the sixth year the Hanford Fire Department and the International Association of Fire Fighters Local I-24 have participated in the annual fund-raiser. This year's Hanford firefighters, organized by Kathi Bolton, collected more than \$4,300 during the campaign, which surpassed last year's donations. The Hanford Fire Department also hosted a muscular dystrophy golf tournament, which raised an additional \$4,000. In all, Hanford Fire Department members from Local I-24 raised close to \$8,500 for Jerry's Kids and the MDA during this year's activities.



**TERRORISM**  
Help prevent and defeat it

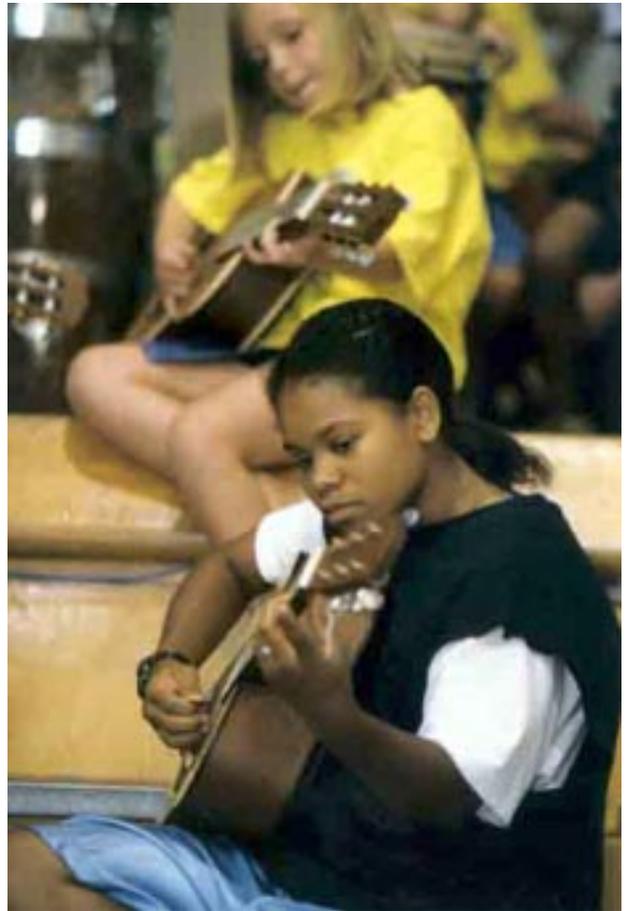


**THESE EYES  
SAVE LIVES**

You know your work area better than anyone else. If you see activity that you suspect may be related to terrorist targeting, planning, or execution, don't hesitate! Call Hanford Patrol at 373-3800.

**It's part of your job.**

Employees and Security working together for a secure future.



**SUMMER STRUMMIN':** Leah Atkins, foreground, and Brandee Miller tune up their guitars for an August concert at the Boys and Girls Club in Pasco. More than 50 kids performed in the concert for about 150 friends and family, as well as members of the Bechtel Women's Group. The Boys and Girls Club music program was made possible by a gift from the Bechtel Women's Group to purchase instruments, sheet music and other supplies.

# PNNL supercomputer fastest in U.S.

## Hewlett-Packard supercomputer at Pacific Northwest National Laboratory now fully operational

Staci Maloof, *Pacific Northwest National Laboratory*

The Department of Energy's Pacific Northwest National Laboratory is now home to the United States' fastest operational unclassified supercomputer. The laboratory's 11.8-teraflop industry-standard Hewlett-Packard Integrity system came to full operating power last week, marking the next advance in high-performance computing designed to enable new insights in the environmental and molecular sciences, including chemistry, biology, climate and subsurface chemistry.

Based on peak performance, the PNNL machine is the fifth fastest system in the world and is the fastest unclassified computer operating in the United States. Also, it's the world's fastest supercomputer that is based on the Linux operating system, and the largest machine ever built using Intel's 64-bit architecture.

The laboratory ordered the supercomputer from HP in April 2002.

"Computational resources such as the PNNL supercomputer are essential to DOE's commitment to provide the most innovative solutions to critical energy and environmental problems," said Secretary of Energy Spencer Abraham. "DOE continues to demonstrate its competitiveness in high-performance computing capabilities by investing in new systems and new approaches to scientific inquiry."

"With this machine, PNNL is providing a balanced architecture that is designed specifically for environmental, chemical and biological sciences and the priorities of DOE's Office of Science," said PNNL director Len Peters. "The laboratory led the supercomputer industry by ordering one of the first large cluster systems in 1996, and has once again demonstrated that an investment in mission-focused computing can open new scientific frontiers. We're pleased we could partner with HP on such an accomplishment."

PNNL's supercomputer draws its speed and computing power from nearly 2,000 next-generation Intel® Itanium®-2 processors code-named "Madison," running on industry-standard HP Integrity servers. Linking the Intel Itanium-2 chips is a Quadrics interconnect that provides communication between processors and allows scientists to sustain a high performance level. HP is providing services to customers that help manage, deploy and enhance the power and ability of supercomputing.



Examining the inner workings of the new supercomputer at the William R. Wiley Environmental Molecular Sciences Laboratory are (left to right) Nathan Tenney, Tim Witteveen and Evan Felix. The system operates 9,200 times faster than your desktop personal computer.

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## PNNL supercomputer fastest in U.S., cont.

“HP and PNNL are working together to create next-generation technical computing solutions that will support some of the world’s most important scientific research,” said Martin Fink, vice president of Linux’s HP Enterprise Servers and Storage division. “The world’s fastest Linux supercomputer runs on industry-standard HP platforms and the recently unveiled Madison processor, and was created by a joint effort between PNNL and the many hardware, software and services professionals within the HP organization.”

The PNNL supercomputer is housed in the Molecular Science Computing Facility of the William R. Wiley Environmental Molecular Sciences Laboratory, a DOE scientific user facility at PNNL. As such, scientists from around the country can access the supercomputer for research through a competitive proposal process. The new capability will enable scientists to quickly solve complex scientific problems.

Scott Studham, who manages computer operations within the Molecular Science Computing Facility, said, “We chose the HP system during our competitive procurement process because its overall system balance was best tailored to the needs of the complex computational chemistry done at PNNL. The additional power and speed will enable novel studies in atmospheric chemistry, systems biology, catalysis and materials science.”

Proposals to use the supercomputer can be submitted through a process outlined at <http://www.emsl.pnl.gov/using-emsl/>. ■



**Ralph Wescott (foreground) and Gary Skouson work with PNNL’s supercomputer system. When it’s completed, the computer will have more than 1,400 processors and 3.8 terabytes of random access memory.**

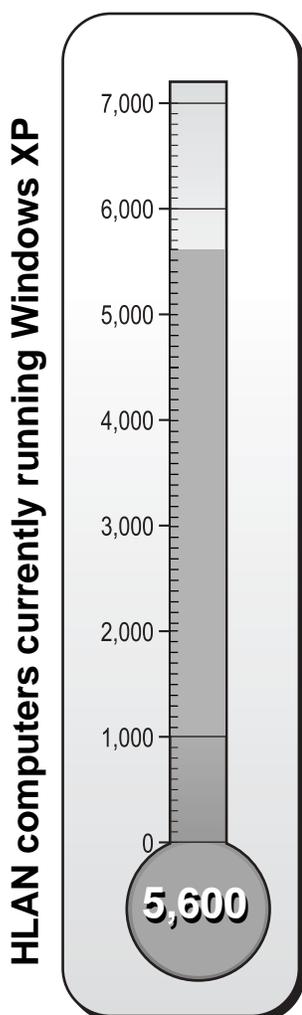
# Hanford XP Migration Project update

## *PowerPoint 2002 users find improved technology for general presentation tools*

A key design goal for PowerPoint 2002 was to make it easier for users to discover and use more of PowerPoint's existing capabilities. PowerPoint 2002 features improved technology for diagrams, printing, text, pictures, collaboration and general presentations. Below is a list of just a few of the new features of PowerPoint.

### **New Diagram Types**

A new gallery of common conceptual diagrams such as the pyramid or radial diagrams is now provided. You can customize these pre-drawn diagrams with text, animation effects and a variety of formatting styles.



### **Visible Grid**

A new visible grid makes it easier to create a drawing within PowerPoint. Users can snap objects to the grid or to other objects and display the drawing guides on-screen.

### **Print Preview**

The new Print Preview enables you to preview how your presentations will look when printed. You now have the option to switch between various views such as notes, slides and handouts, or even switch between landscape and portrait view.

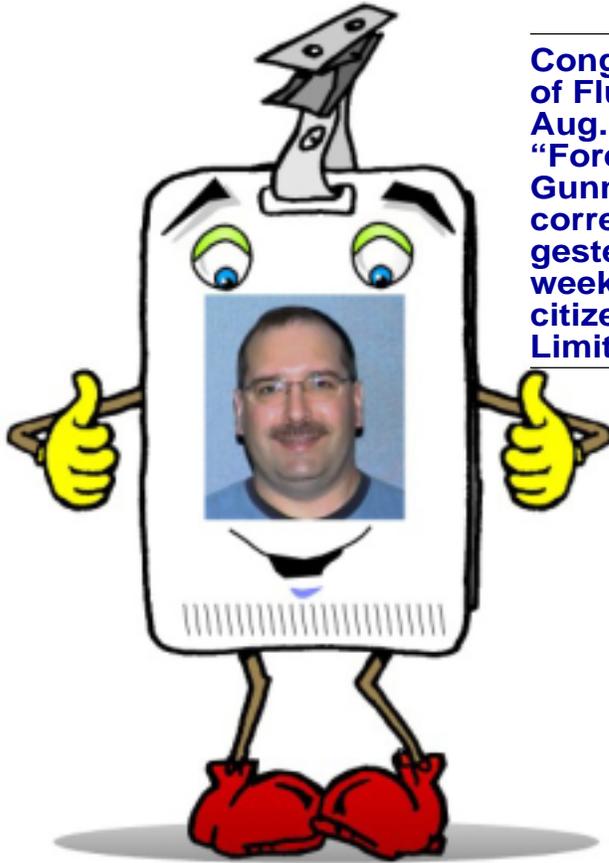
### **Multiple Masters**

PowerPoint users can easily create more than one slide, title master or slide master within one file. This makes it possible to combine multiple presentations in one file or create separate sections within the same presentation.

Some new features of PowerPoint 2002 will not function on previous versions of PowerPoint. If you are interested in finding out what these features are, click on HELP, PowerPoint HELP, and type in "features affected."

XP consultants will be available to assist users on the second, third and seventh floors of the Federal Building at 825 Jadwin on Sept. 3.

# Gunn wins Security Ed Challenge



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**Congratulations to Steve Gunn of Fluor Hanford, winner of the Aug. 18 Security Ed Challenge, "Foreign National Timeline." Gunn won a MiniMag light for correctly answering that the suggested processing time is two weeks to approve a visit by a citizen of Canada to enter a non-Limited or Protected Area.**

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If you have a challenge you would like Security Ed to consider, send it in an e-mail message to Security Ed at ^Security Ed or send it by plant mail to Security Ed at L4-09.

# Regular Features



## Letters

Employees are invited to write letters of general interest on work-related topics. Anonymous letters will not be printed. We reserve the right to edit letters or not to accept letters for publication. Send your letters to the *Reach*, B3-30, or to \*Hanford Reach on e-mail. Include your name, company, work group and location. Opinions expressed are those of the author and not of DOE-RL, ORP or their contractors.

### Thank you Fluor

I didn't get a chance to send this yesterday or call you to tell you thank you!

Back-to-school will be a little better thanks to the generosity of Fluor and all its employees. Know that these wonderful backpacks are having a tremendous impact in getting children excited and prepared for school. Furthermore, your personal participation keeps our staff encouraged and inspired. The baseball game was a great end of summer celebration. I am honored to call you guys our "partner."

Thank you!

*Kellee Magnuson*  
*Boys and Girls Club*



Members of the Boys and Girls Club Sprucewood Unit trudge home wearing backpacks filled with donated school supplies. These children received three of the 300 backpacks that volunteers from Fluor Hanford and Fluor Federal Services presented to area school children as part of Fluor's global service project called "Building Futures."



## Calendar

### Hanford Technical Library tour set for Sept. 4

The Hanford Technical Library is offering a tour on Sept. 4 from 8:15 to 9:15 a.m. at the Consolidated Information Center on the Washington State University Tri-Cities campus in Richland. Find out what services, materials and specialized collections are available to you in the library and on your desk top. For more information, contact Yung Harbison at 372-7453 or at [Yung.Harbison@pnl.gov](mailto:Yung.Harbison@pnl.gov).

### NAPM meets Sept. 4

The Sept. 4 dinner meeting of the Columbia Basin chapter of the National Association of Purchasing Management will feature Todd Arnold, assistant professor of marketing at Washington State Uni-

versity Tri-Cities. The meeting begins at 5 p.m. at the Richland Shilo Inn. The cost is \$17.50 for dinner. Make your reservation by calling 544-6718 or by e-mail to [mmoore@simplot.com](mailto:mmoore@simplot.com) by close of business Sept. 2.

### IHS Standards and Vendor Catalog Databases

On Sept. 4, Chris Hilby of Information Handling Services will present three demonstrations around the Hanford Site to teach engineers, purchasing professionals and technicians how to use some of the most popular engineering databases available from the Hanford Technical Library. The databases include Specs & Standards, TextAdvantage Plus (1998 and 2001 American Society of Mechanical Engineers' Boiler and Pressure Vessel Code) and CatalogXpress (vendor catalogs from over 16,000 manufacturers). The times and locations are: 9-

*Calendar continued on next page.*

# Regular Features



## Calendar, cont.

10:30 a.m. in room G110 at 2704-HV; noon-1 p.m. in room 101R of the Consolidated Information Center; and 2:30-4 p.m. in room 153 of 2420 Stevens Center. For more information, contact Karen Buxton at 372-7451 or at karen.buxton@pnl.gov.

### Great American Songbook Concert set for Sept. 6

Steve Haberman and Friends present “The Great American Songbook” concert at 7:30 p.m. on Sept. 6 at Chief Joseph Middle School Auditorium in Richland. Steve Haberman, Mary Lou Gnoza, John LaChapelle and other Tri-City musicians perform best-loved songs of stage and screen from the last three decades. The concert benefits the Mid-Columbia Symphony. Tickets are \$10, \$15 and \$20, with all seats reserved. Get tickets at the Battelle Performing Arts Business Center (at 716 Jadwin), by calling 943-ARTS, or at the door.

### PMI Chapter tours Dry Spent Fuel Storage

The Columbia River Basin Chapter of the Project Management Institute will tour the Dry Spent Fuel Storage Project at the Energy Northwest Hanford Generating Station on Tuesday, Sept. 9. The tour group will depart from the Stevens Center complex at 5:15 p.m., and return at approximately 7:30. Supper will be provided. This tour is limited to 30 people. You must have a reservation to attend; no walk-ins will be taken on the tour. The cost is \$10 for the tour and supper and \$5 for the tour only. Make your reservation by contacting Terri Witherspoon at Terri\_T-Witherspoon@rl.gov by noon Sept. 5.

### Donate blood at HAMMER on Sept. 9

The American Red Cross will hold a blood drive on Tuesday, Sept. 9, from 9 a.m. to 1 p.m. at the Al Alm Building Vehicle Bay at the Volpentest HAMMER Training and Education Center. To schedule an appointment, contact Libby Sickler at 376-7117.

### Duratek sponsors golf tournament on Sept. 11

The United Way scramble golf tournament,

sponsored by Duratek, is scheduled for Sept. 11 at Canyon Lakes Golf Course in Kennewick. The shotgun start is at 1 p.m. All proceeds go to the United Way. For more information, visit [www.duratekinc.com](http://www.duratekinc.com), under “Client News,” or contact Angie Gagnon at 376-0804.

### Free presentation on middle-market mergers

Tom McDowell, senior vice president of Windswept Capital in Seattle will give a free presentation, “Middle-Market Mergers and Acquisitions: Dead or Alive?” on Tuesday, Sept. 16, at the Richland Community Center, 500 Amon Park Drive, from 7:15 to 8:30 a.m. Windswept Capital ([www.windcap.com](http://www.windcap.com)) is an investment-banking and management-consulting firm serving Northwest companies with annual revenues of \$5 million to \$200 million and Northwest-based emerging technology firms with revenues of less than \$5 million. The presentation is hosted by the Three Rivers Venture Group, an interest group of Mid-Columbia entrepreneurs and business supporters. Reserve your spot for the presentation by contacting Gracie Downard at [gracie.downard@pnl.gov](mailto:gracie.downard@pnl.gov) or at 375-2803.

### AACE holds meeting Sept. 16

Kris Watkins, president and chief executive officer of the Tri-Cities Visitor and Convention Bureau, and Dean Strawn, president of the Kennewick Public Facilities District, will discuss the “Tri-Cities Convention Center, Economic Advantages and Construction Cost Analysis” at the Sept. 16 meeting of the Rattlesnake Mountain Chapter of the Association for the Advancement of Cost Engineering at the Richland Shilo Inn. The social time begins at 5:30 p.m., dinner is at 6 and the program begins at 6:30. The cost for members is \$18 and the cost for non-members is \$20. Make your reservation before 2 p.m. on Sept. 11 by contacting Daniel Muehleisen at 372-2408 or at [Daniel\\_P\\_Muehleisen@rl.gov](mailto:Daniel_P_Muehleisen@rl.gov).

### Panel discussion broadcast on raising capital

MIT Enterprise Forum presents a free satellite broad-

*Calendar continued on next page.*

# Regular Features



## Calendar, cont.

cast, "No Money Down: Raising Capital from Unconventional Sources," on Thursday, Sept. 18, from 4 to 6 p.m. at the Washington State University Tri-Cities campus. Panel members include Vic Petri, global leader of the Software and Internet Sector for Pricewaterhouse Coopers; Jake Karrfalt, president and chief executive officer of Alternative System Concepts; Pamela Lipson, CEO and president of Imagen, Inc.; and Bernd Schoner, managing partner of ThingMagic, LLC. The panelists will speak about their successful experiences in generating non-investment capital. The broadcast is co-hosted by WSU-TC and Pacific Northwest National Laboratory. For more information, contact Gary Spanner at 372-4296 or at [gary.spanner@pnl.gov](mailto:gary.spanner@pnl.gov).

### Safety and Health Conference takes place Oct. 3

"Emerging Issues in Safety and Health" is the title of the third Safety and Health Conference Oct. 3, 8 a.m.-5 p.m. at the Volpentest HAMMER Training and Education Center. The topics will emphasize the safety challenges presented by emerging issues such as an aging workforce, regulatory shifts, funding restrictions and emergency planning in today's troubled world. The Lower Columbia Basin Chapter of the American Society of Safety Engineers, the Tri-City Education Committee of the Pacific Northwest Section of the American Industrial Hygiene Association, and the Northwest Chapter of the System Safety Society are sponsoring the conference. The conference fee is \$125 (\$100 for speakers, \$45 for students). The fee includes lunch and refreshments. Attendees will receive 0.7 continuing education credits or 1 CIH Certification Maintenance Point. Eight speakers, a nationally known keynote speaker and a HAMMER tour are planned. For more information, contact John Cavanaugh at 373-9625 or at [john\\_e\\_jr\\_cavanaugh@rl.gov](mailto:john_e_jr_cavanaugh@rl.gov), or John Hinckley at 371-4408 or at [jhinckle@bechtel.com](mailto:jhinckle@bechtel.com).

### Heart Walk scheduled for Oct. 11

Mark your calendars for Oct. 11, the date of the Tri-Cities Heart Walk. Now in its 11th year, the Heart Walk is the core fund-raising event benefiting the American Heart Association. AHA's goal is to help reduce coronary heart disease, stroke and risk by 25 percent in Washington by the year 2010. The registration for the walk is at 9 a.m. and the walk will start at 10. Teams of walkers are forming; call your company representative to sign up. At press time the following company representatives had been identified: Calvin Dudney, Fluor Hanford, 373-6267; Bryan Kidder, CH2M HILL, 372-0803; Dale Denham, Bechtel Hanford, 372-9226; Sandra Linfoot, Battelle, 372-6736; and Ann Shattuck, Fluor Federal Services, 376-8456.

### Northwest Purchasing Conference on Oct. 9-11

The National Association of Purchasing Management-Columbia Basin will host the Pacific Northwest Purchasing Conference Oct. 9-11 at the Kennewick Red Lion Hotel. The conference will feature speakers, workshops, programs and a trade show related to purchasing, materials management and supply-chain management. For more information, consult the conference program Web page at <http://www.napmcb.org/conference/60thPurConf2003.htm>. ♦



## Classes

### D2000 PROTRAIN offers software training

#### Primavera Project Planning

- P-3 601, Sept. 15-17
- P-3 602, Sept. 18
- P-3 603, Sept. 19

#### Crystal Reports 8

- Introduction, Sept. 29
- Advanced, Sept. 30

#### Excel 2002 XP

- Beginning, Sept. 4
- Intermediate, Sept. 11

**Access 2002 XP** — Starts the week of Sept. 15-17

*Classes continued on next page.*

# Regular Features



## Classes, cont.

### MS Project 2000

- Beginning, Sept. 22
- Intermediate, Sept. 23

Windows XP Upgrade — Sept. 26

Office XP Upgrade — Sept. 10

For more information, contact Sarah at 375-0414 or at sarah@protrainsys.com. Group discounts are available.

### Safety Systems training offered at HAMMER

D2000 Safety Systems will be offering OSHA training for scaffolding at the Volpentest HAMMER Training and Education Center on Sept. 9-11. “Scaffolds-Competent Person” will train employees to identify the proper ways to erect scaffolding, will explain the hazards associated with scaffolding, and will train employees to recognize the responsibilities of a competent person. This training meets the OSHA criteria required for the classification of a competent person. The cost for the class is \$595. Register by calling D2000 Safety Systems at (800) 551-87630.

### TFE offers classes on environmental regulation, waste management

Environmental Training Management Division Training, a division of Technical and Field Engineering, Inc., is offering the courses listed below in Richland. To register, or for more information, visit [www.etmdtraining.com](http://www.etmdtraining.com).

- **Environmental Laws and Regulations Course** — Sept. 9-11. Cost is \$595. Topics covered include: Atomic Energy Act; National Environmental Policy Act; Resource Conservation and Recovery Act; and Comprehensive Environmental Response, Compensation and Liability Act.
- **DOE O 435.1 Radioactive Waste Management Training** — Sept. 15-17. Cost is \$800. The course consist of five modules: introduction, overview, and goals; low-level waste; low-level waste disposal; transuranic waste; and high-level waste.
- **Management of Polychlorinated Biphenyls** —

Sept. 23-25. Cost is \$780. Learning modules include background of PCB information (physical, chemical and toxicological properties) and discussion of 40 CFR 761.

- **Cleanup Site Closure: Integrating Regulatory and Administrative Activities** — Oct. 6-7. Cost is \$490. Topics covered planning, activities and documentation related to CERCLA and RCRA.

### Basic mediation training offered this fall

The Benton Franklin Dispute Resolution Center will present “40-Hour Basic Mediation Training,” on Sept. 15, 16, 17, 30 and Oct. 1 from 8:30 a.m. to 5 p.m. daily at the Consolidated Information Center, Washington State University Tri-Cities campus. This training is open to all who want to become mediators or gain a higher degree of conflict management resolution skills. The course was designed and is taught by a team of experienced and practicing BFDRC mediators and trainers. The cost is \$500 per person, which includes all training materials plus a light breakfast, lunch and snacks each day. Contact the Benton Franklin Dispute Resolution Center at 783-3325 to request a registration form and submit payment. The registration deadline is Sept. 8.

### Professional development classes in September

The Tri-Cities Technical Council, an organization that represents local professional societies, will sponsor continuing education and professional development courses to be held 8:30 a.m. to 5 p.m. in the Royal Hotel and Conference Center in Richland. The following courses are scheduled for October:

- **Leadership and Communication** — Oct. 10. The cost is \$295 for AIHA members and \$375 for non-members.
- **Construction and Contract Law** — Oct. 10-11. The cost is \$895 for ASCE members and \$1,095 for non-members.
- **Six Sigma for Global Competiveness** — Oct. 10-11. The cost is \$795 for American Institute of Chemical Engineers and \$955 for non-members.

*Classes continued on next page.*

# Regular Features



## Classes, cont.

- **Conceptual Development and Cost Estimating** — Oct. 10-11. The cost is \$795 for AIChE members and \$955 for non-members.
- **Heat Stress** — Oct. 24. The cost is \$295 for AIHA members and \$375 for non-members.
- **Design-Build Contracting** — Oct 24-25. The cost is \$895 for ASCE members and \$1,095 for non-members.
- **Automatic Control (Advanced)** — Oct 24-25. The cost is \$795 for AIChE members and \$955 for non-members.
- **Effective Communication** — Oct. 24-25. The cost is \$795 for AIChE members and \$955 for non-members.

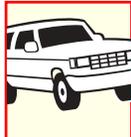
Registration is due four weeks ahead of the course date. Students will earn Continuing Education Units or Certification Maintenance points. To register for the AIChE courses, send checks to the Columbia Valley Section of AIChE, P.O. Box 305, Richland, WA 99352. To register for the ASCE courses, send checks to Tri-Cities Technical Council, P.O. Box 1483, Richland, WA 99352. For more information or to register for the AIHA course, contact Marve Hyman at 375-0222.

### Resource Training Institute, LLC, offers courses

The Resource Training Institute, LLC, will offer the following classes in Richland:

- **DOE O 435.1 Radioactive Waste Management Training** — Sept. 16-18, 8 a.m.-4 p.m.
- **Cleanup Site Closure: Integrating Regulatory and Administrative Activities** — Oct. 14-15, 8 a.m.-4 p.m.

To register, contact the RTI registrar at (803) 652-8830 or at registrar@rtii.org. For the full course schedule visit <http://www.rtii.org>. ♦



## Vanpools

**Vanpool ads are run for two weeks. Ads must be resubmitted to run in subsequent issues of the *Hanford Reach*. The deadline for submission is Thursday, 10 days prior to publication.**

Day and Zimmermann Protection Technology Hanford reminds employees to wear their badges while on site and be prepared to show them when passing through a barricade. Vehicle drivers are responsible for ensuring their passengers are badged prior to leaving their point of embarkation. A vehicle driver who transports an unbadged person through a barricade and the unbadged person will be issued Security Incident Notices and the unbadged person will be escorted off site. Re-entry is not allowed until a proper badge is obtained.

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### KENNEWICK

New van pool to 2704-HV and vicinity will start Oct. 1. Looking for riders that live in or near the east Kennewick area. We are considering picking up riders at their homes and delivering them to their work area. Winter is coming and gas prices are rising. Call **Debbie Turnbow** at 372-2698 (day number). 9/2

Express vanpool to 200E leaves from Albertson's on Clearwater and Edison. Drops off in the vicinity of 2750, MO-384, WESF and LEF. Call **Scott** at 372-0473 or **Max** at 373-9161. 8/25

Riders needed for Vanpool No. 97, 8x9s. Rate as low as \$54.20 per month. Picks up at Shopko at 6 a.m. and the Federal Building at 6:10. Drops off at 2750-E and 2740-HV. Contact **Mike Bryden** at 373-4624. 8/25

Tired of high gas bills and congested traffic? Join our vanpool. Picks up at Chuck E Cheese and drops off at 2750, 2719-EA, WESF, CSB or 2704-HV. Call **Beth** at 376-0971 or **Barb** at 373-2006. 8/25

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### PASCO

Van No.213 needs riders to 200E. Picks up at Desert Ice, across from the Broadmoor Mall off Road 100 at 6:05 a.m. Drops off at 2750-E and ends at 2704-HV. Arrives back at Desert Ice around 5:15 p.m. Backup drivers appreciated. Contact **Douglas Bailey** at 373-2392 or at douglas\_m\_bailey@rl.gov or **Steve Boothe** at 376-6812 or at Stephen\_G\_Boothe@rl.gov. 9/2

*Vanpools continued on next page.*

# Regular Features



## Vanpools, cont.

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### RICHLAND

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Vanpool Express (with a new van) to 200E needs several riders, 8x9s. Monthly rate as low as \$35. Leaves former Hanford bus lot (across from 2440 Stevens) at 6:25 a.m. and drops off at 2750-E local area. Will also pick up and drop off along route to and from bus lot: from Albany Ct. north on Alder, east on Bismark, north on McMurray and north on Stevens Drive. Contact **Dave Hedengren** at 373-5094. 8/25

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### YAKIMA

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Riders needed for a vanpool from Yakima to 400, 300 and 1100 Areas and the Federal Building. The van operates Monday-Friday, with morning pickups at Park 'n Ride (east of Target) at approximately 5:30 a.m. and final pickup at East Valley Market around 5:40 a.m. The driving route is along State Highway 24 to the Hanford Site. The opposite route will be followed for the late afternoon return to Yakima. 300 Area riders will be picked up around 4 p.m. The van's monthly expenses are \$1,000. Contact Jesse Allen at 528-0614 (Hanford work) or (509) 972-4773 (Yakima home) or **Doug Chapin** at 373-9396 (Hanford work) or (509) 966-8973 (Yakima home). 8/25 ♦