

PPI gears up with new Black Belts

A new Productivity and Process Improvement team is on board and dedicated to continuing Y-12's successful course to better productivity and cost efficiency.

Four Black Belt candidates—Tim Talley, Kathy Gerth, Paul Sooter and Chris Murphy—have completed all the requirements and received their certification as Six Sigma Black Belts.

The five-month training program they attended at Bechtel National Inc. included extensive use of Six Sigma tools and application of those tools to real Y-12 productivity tasks. Through a combination of hard work, dedicated teams, experienced guidance from other Black Belts, and mentoring by Master Black Belt Barry Totten, the candidates completed eight projects to obtain certification.

The projects touched a wide diversity of Y-12 processes and organizations and are forecasted to reap about \$17.8 million in benefits.

Examples of the projects include reducing the time metrologists spend performing instrument calibrations, increasing the production rate in the special materials machine shop, reducing the downtime of wet chemistry process equipment and improving the tooling design process.

The new Black Belts are working with Manufacturing and other organizations to ensure that implementation plans are carried out as scheduled. At the same time, they are initiating other Performance Improvement Projects.



Steve Liedle was on hand to congratulate and welcome the new Black Belts. Standing: Kathy Gerth, Tim Talley, Paul Sooter, Chris Murphy and Alex Jackovich. Seated: Steve Liedle, Michelle Culp and Tom Fitzmaurice.

Other additions to PPI are Black Belt Alex Jackovich and Master Black Belt Tom Fitzmaurice. Both came to Y-12 from the Nevada Test Site. Fitzmaurice actually helped train the four new Black Belts. "I was impressed with their capabilities and dedication," he said. "It's really exciting to be a part of this Y-12 team, and I'm looking forward to the challenges ahead."

Michelle Culp, head of PPI, said she's thrilled about working with the new team. "They are enthusiastic about making a difference at Y-12 and have started out by demonstrating all the skills needed to do just that."

In July, Culp began interviewing another round of Black Belt candidates to come on board in the fall.

Seventh-inning stretch

Y-12 is introducing a campaign to help workers learn to manage stress.

Spotlighting the Target Zero campaign to reduce injuries at work, home and play, presentations are being designed by Y-12 clinical psychologists to teach employees how to focus on stress management rather than reacting to the source of stress. The key to managing stress is learning what can be controlled. Staying focused on a task also will help promote an injury-free environment.

Manage stress by taking time from your hectic day to stop and do something as simple as a stretching or a breathing exercise—a seventh-inning stretch.

WHAT'S INSIDE

Summer campers get hands-on experience	2
Bull's-eye: Y-12 is right on target	4
For a good time, call...	6
Team closes the circle	8

Y-12 helps educate tomorrow's scientists

Students usually have exciting summer plans, but 18 local teenagers had a camp experience in June that will be hard to top when they share "What I did this summer." The campers are keenly aware of the once-in-a-lifetime opportunity they had to examine debris from the space shuttle *Columbia*, which disintegrated during re-entry to the Earth's atmosphere on Feb. 1, 2003.

Forget musty bunk beds and the sound of a bugle at 6 a.m.—this camp was like no other. The 2006 Oak Ridge ASM Materials Camp, sponsored in part by Y-12, gave area high school students practical, real-world applications of science. The hands-on examination of the shuttle artifacts using the world's largest chamber scanning electron microscope was all part of the plan to get students excited about science, particularly materials science.



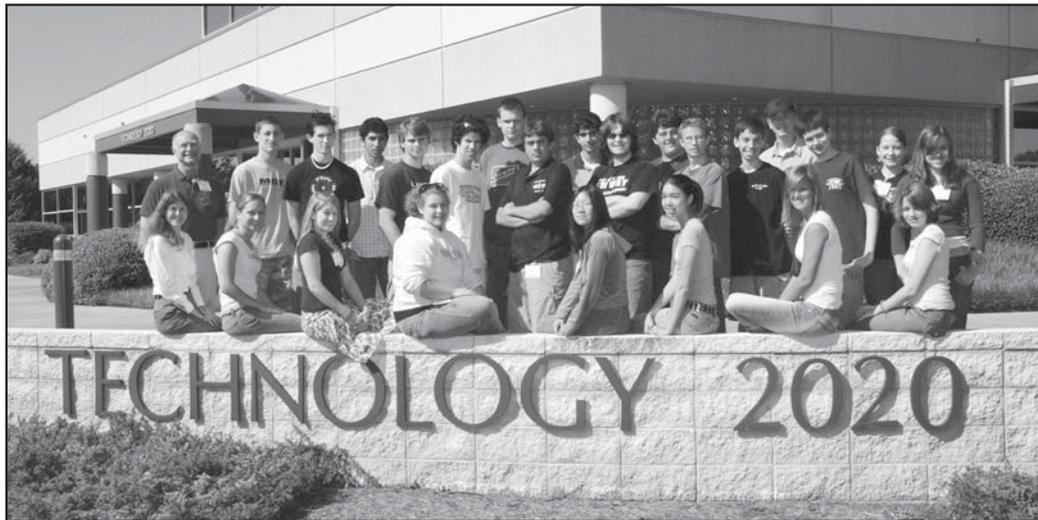
It worked. "It's cool! I feel like I'm possibly making history," marveled Hubert, a junior at Oliver Springs High School and the son of Luther Gibson of Analytical Chemistry. "It was interesting to study something that few people ever have," Hubert said.

Steve Dekanich of Quality Assurance was instrumental in organizing this year's camp as well as bringing the shuttle specimens to Oak Ridge.

Dekanich noted that he hoped the students went home with a solid understanding of failure analysis—the study of why something blew up, broke down or fell apart and the steps to take to prevent the failure from happening again.

Steve McDanel and Rick Russell of NASA were happy to speak at the camp and bring the shuttle artifacts. "When I studied failure analysis in school, we worked on broken can openers," said Russell, an Aging Aircraft principal engineer. "These kids have had a singular opportunity to work on a spacecraft."

Following a "cut plan" approved by NASA, students examined small cross sections of debris. They studied the surface topography and how the metal had changed due to extreme



The ASM Materials Camp participants spent five exciting days performing hands-on analyses and learning about science.

heat. They presented their findings at the end of the camp.

"Many of the artifacts showed unusual microstructures," said Dekanich of the students' findings. He also noted that they found lead and contamination on the aluminum parts that could have come from lead ballast used to balance the shuttle. Dekanich said that NASA scientists did not discover these anomalies during their evaluation.



"I don't know what I want to do after high school, but this camp has given me a lot of good ideas about what I could major in," said Chelse, a junior at Carter High School and daughter of Rebecca Johnson of Engineering.

For information about next year's camp, contact Dekanich (s99; 574-8621). Other camp sponsors were Oak Ridge National Laboratory and The University of Tennessee in cooperation with ASM International.

Y-12 parents whose children participated

Mohamed Alsharif (sons Ahmed and Omar)

Jeff Bock (son Owen)

Jeffrey Coppala (son Joseph)

Luther Gibson (son Hubert)

Rebecca Johnson (daughter Chelse)

Randy Palmer (son Zane)

Randy Pietrzak (daughter Christine)

Doug Roberts (son Devin)

Wackenhut's Oak Ridge team takes second in competition

Wackenhut Services' Oak Ridge team recently achieved a second-place overall finish in the annual Security Protection Officer Training Competition held at the National Training Center in Albuquerque, N.M.

The competition included Department of Energy security forces, law enforcement agencies and military units from the United States, Canada and the United Kingdom.

The Oak Ridge team is coached by Tim Ford and Richard Pointer. Eddie Robinson served as team leader. Brad Carter, T.J. Fromberger, Nick Hunter, Josh Munday and Casey West rounded out the team.

Wackenhut provides security support services for the Y-12 National Security Complex. —Condensed from *The Oak Ridger*, July 7

Children invade Y-12

BWXT Y-12, the National Nuclear Security Administration's Y-12 Site Office and Wackenhut Services hosted the 2006 "Bring Our Children to Work Day" on June 8.

YSO Manager Ted Sherry, BWXT Y-12 Deputy Manager Steve Liedle, Auditing Director Brenda Hunter, nuclear metallurgist Ed Ripley, Public Affairs and Communications Manager Mike Monnett and Human Resources recruiter Sharon Price began the event by describing their occupations to almost 100 6th- through 12th-grade children at Pollard Auditorium.

Wackenhut staff conducted a tour of the Central Training Facility and demonstrated the skills of the canine unit.



Members of the Protective Force tell employees' children that it's all in a day's work.

United Way: building better futures

Dust off your hard hat, and mark your calendar to attend the United Way campaign kickoff on Aug. 22. This fun-filled event will launch "Building Better Futures," the Y-12 campaign, and highlight how your contributions help others. Susan Beckham of National Security and Development Programs is this year's coordinator.

Several activities are planned to benefit the United Way agencies in our area.

- Freshly "constructed" cakes, pies, brownies and other delicious items will be available for sale at the kickoff, as well as at several on- and off-site locations.

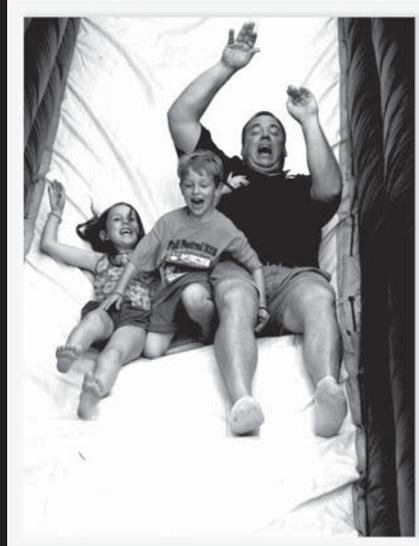
- Copies of the 2005 addition to the *Katy's Kitchen: Y-12 Secret Recipes* cookbook are still available for only \$2.50; contact Amy Alley at 576-0972, Pat Carson at 241-8356 or Elaine Warren at 241-4541.
- United Way agencies will be highlighted on YSource during the campaign. If a United Way organization has made a difference in your life, contact Carson at 241-8356.
- The popular Book Fair will be back—bigger and better.
- Our annual Days of Caring drive will benefit a community need. The an-

nual Coat Drive will provide coats and jackets for the needy at Volunteer Ministry Center.

- A chili cook-off will provide an opportunity to "build" your award-winning chili for a heart-warming cause.

Solicitors will be contacting employees during the campaign (Aug. 22–Sept. 15) to distribute pledge cards and answer questions. Agency tours will be scheduled for solicitors.

To volunteer to help with the Y-12 United Way Campaign or kickoff, contact Beckham at 574-4589.



Safety Expo is right on target



For one last time, the Oak Ridge Mall hosted Y-12 employees, their families and the community at the 2006 Safety Expo held on June 21. This year's theme, Target Zero—At work, home and play, tells that Y-12's goal is zero accidents in all of those venues.

More than 12,000 people attended the event with 165 booths and exhibits presented by Y-12 organizations and external vendors.

Y-12 exhibits were judged by Norm Dobbs of Engineering; Cassandra Martin of Information and Materials; Ralph Lockhart of Facilities, Infrastructure and Services; and Bill Scheib of Planning, Integration and Control. The winners are listed below.

Winners of the registration desk's \$50 Simon Visa gift cards are Dianna Altom, Gloria Batiste, Virginia Breedon, David Hawk, W. D. Lavender, C. C. Massengale, Cecil Murr, Jonathan Pack, Gladys Smith, June Ward and Craig Webb. Individual booths that awarded door prizes have announced their winners on YSource.

Each year, it takes a team of dedicated and hardworking individuals to put together a great event enjoyed by Y-12 employees, their family members and the community. The 2006 Safety Expo team was Sandy Babb, Alice Brandon, Preston Cloud, Justin Davis, Judie Henegar, Jason Howard, Diane James, Monica Lewis, Tyler Mallison, Tiffany McFalls, Jeff Melson, Ala Montgomery, Doug Perry, Brian Polson, Connie Polson, Terri Renfro, Heather Roach, Jenny Roddy, Brian Tisdale, David Wease, Jackie Williams, Ryan Williams, Keith Wilson and Mona Wright.

Working together toward a positive goal—especially in safety—will bring improvements and safer lives for all of us.



2006 Safety Expo winners

Most Interactive	Applied Technologies
Best Visual	Radiological Control
Most Useful	Occupational Health Services
Best Technical Merit	Environmental Compliance
Car Show	Doug Lawson and his 1969 Camaro
Sing Along	Sam Easterling

Readiness professionals learn from peers

The sixth annual BWXT Y-12-sponsored Readiness Workshop, held in June, gave opportunity for participants to share lessons learned and “raise the bar” of excellence in preparing for readiness reviews. The workshop was hosted by Engineering’s Joe Crociata and assisted by Information and Materials’ Cindy Bailey and Jean Mounger. Readiness professionals from the National Nuclear Security Administration and across the Nuclear Weapons Complex participated.

Y-12 Site Office Manager Ted Sherry welcomed attendees and discussed achieving readiness for new facilities (Y-12’s current concern) and ensuring that safety and security are integrated into every stage of a project. Y-12 Deputy Manager of Operations Darrel Kohlhorst emphasized the importance of “organizational learning,” a key benefit of the workshop, as lessons learned from the previous year were shared.

Crociata introduced this workshop by stressing three essential elements—cost, schedule and safe operation—that underlie every successful Operational Readiness Review and subsequent operation. These three elements were common to several topics discussed during the workshop.

One of the best examples of these guidelines was in a detailed presentation by Bob Wilkinson from Hanford. Wilkinson attributed the success of one review to “management involvement from Day One, including engineers and operators.” Wilkinson also stressed that repeated simulations were conducted before the review to examine all conceivable accident scenarios.

During breakout sessions, participants shared personal experiences in executing readiness preparations.

John Raulston (Y-12 Readiness manager) and Joe Marshall (Y-12 Project Management) gave detailed presentations on current BWXT Y-12 readiness initiatives on grading readiness requirements for startups/restarts and effectively integrating readiness requirements into the project execution plan.

“In the end, the success of readiness preparation is a safe initial operation that meets production requirements,” Crociata noted.

Y-12 and others throughout NNSA have a vital job to do, so efforts to improve readiness performance are critical to mission success.

Celebrate good times, come on!

Reggie’s number is 30, Johnny’s is 35, and Harold’s is also 35. No, we’re not talking about Sleep Number® Beds but company years of service. Y-12 has a loyal employee base, as evidenced by the numerous employees who have logged 30, 35, 40 and more years with the company.

To honor the achievements and allegiance of those employees who have 30+ years of service, Y-12 hosts formal, celebratory dinners each quarter. Good food, live music, pleasant atmosphere and warm fellowship are a good combination.

“It’s an organized, classy event,” said Reggie Westmoreland of Planning, Integration and Control. “I especially enjoyed the music and the food.”

Johnny Stegal of Manufacturing agreed. “I had a good time,” he said. “Everyone was friendly and welcoming.”

After a buffet-style dinner, employees are individually recognized and presented with service certificates by George Dials, president and general manager, and senior management.

“This is a wonderful time for the company to acknowledge employees for the valuable contributions they have made throughout their working careers,” said Pam Williamson, manager of the Benefits Service Center.

“I liked visiting with people whom I work with but don’t talk to socially,” said Harold Fuller, who brought his wife to the event.



Employees who’ve achieved 30+ years of company service enjoy a celebratory dinner hosted by BWXT Y-12 at Gettysvue Golf and Country Club.

When employees reach 30+ years of service (in multiples of five years), they receive invitations along with RSVP cards in the mail approximately three to four weeks before the event. Each employee is welcome to bring a guest. A total of 234 honorees were invited to dinner in 2005.

So if you are an employee approaching one of these career milestones, take advantage of the opportunity to attend your special event. A photographer will even be on hand to capture your beaming smile on this momentous occasion.

We make getting information **Difficult** (and proud of it)

When you turn on the television to watch the evening news, you are likely to see a story about a growing national problem with the potential for extreme harassment—identity theft. Rest assured that BWXT Y-12 is stepping up to the plate to deter thieves and defend employees' information.

Recently, personal information for hundreds of Department of Defense and Department of Energy employees was stolen. BWXT Y-12 is working to prevent a similar crime with the company's (your) personal information.

As your employer, BWXT Y-12 retains private information about you and your family. We know you want this information kept safe and out of rogue hands and the public domain. Fortunately, Y-12 has 60+ years of experience with established work practices and systems that protect information.

Here's what BWXT Y-12 is doing to ensure your personal information is private and protected.

Access control. Computing resources are well protected with layers of access control to limit accessibility to information.

Access to hardcopy records is also limited. For example, Human Resources has only one fax that is used to transmit documents that contain personal data; it is located in a locked room with restricted access.

Encryption. Many Y-12 organizations protect their digital information over the Internet by using encryption software.

Information markings. Personal information, such as a social security number, is marked (for example, Business Sensitive or Privacy Act) to assist in proper handling and storage.

Locks and keys. Records such as employment files or Visa travel card applications are kept behind locked doors. Information regarding key ownership is well maintained.

Need to know. Y-12 is practiced at guarding information and only distributing it as necessary. Whether it's weapons data or your daughter's social security number, the circulation of information is limited.

Password protection. Secure electronic transmission is preferred, but should recipients not have a secure means, electronic files are password protected and sent via overnight delivery.

Did you know?

- The most common way identities are stolen is through the garbage. Your best first defense is not to put personal information in the trash. So, shred it, tear it or burn it—but do not just discard any paper with personal information on it.
- Other immediate actions you can take to protect yourself include using a firewall program and a secure browser on your home computer; routinely monitoring your financial accounts and billing statements for unusual activity; and initiating a fraud alert if you detect suspect activity.

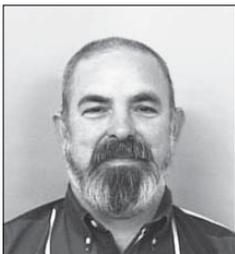
For more information

Visit the Federal Trade Commission's website at <http://www.consumer.gov/idtheft/> or contact:

Consumer Response Center

Federal Trade Commission
600 Pennsylvania Ave., NW, H-130
Washington, D.C. 20580

Obituary



Richard Hughes of Manufacturing passed away June 25. He had been with Y-12 for 32 years.

He was preceded in death by his mother,

Glenda Bennett Hughes. He is survived by: wife, Gwen Langley Hughes; sons, Shawn Hughes, Eric Hughes, Damon Hughes and wife Michelle; grandchildren, Tyler, Gavin, Gabriel and Augusta Hughes; father and stepmother, R.D. and Mary Hughes.

He was a member of Edgemoor Baptist Church.

Y-12 Employees' Society

Say **YES** to **yes**

Dollywood Tickets! Why not?

Perhaps you've seen questions on *No More Surprises* about Dollywood discounts. You may have filled out a suggestion form at Safety Expo with a similar question. You're not alone in your quest.

YES has had many requests for discount Dollywood tickets. Unfortunately, YES is unable to secure them. According to Dollywood representative Sharon Goodman, Y-12 is located too close to the amusement park to qualify for discounts directly. YES was given discounts last year in error.

You may know someone in an employee organization similar to YES who receives a discount, and you wonder why. YES is not a company-funded program; its contract is different from other companies that may subsidize the cost of tickets for their employees. YES cannot do that.

YES tries to offer its members (you) great discounts, trips and sports activities. You are invited to submit ideas to the board or even join them at a meeting. All help is welcomed!

Coming full circle: Recycling team wins big

Y-12's reduce/reuse/recycle team is doing a good job. And others at the highest levels are taking note of the team's accomplishments. A few members of the team traveled to Washington, D.C. to receive a 2006 White House Closing the Circle Award.

Jan Jackson, manager of Y-12's Pollution Prevention Program and a member of the team, said she was in awe of the day-long ceremony at which the award was presented. "It was pretty impressive," said Jackson. "We attended a wonderful reception hosted by the Department of Defense."

The team was one of 20 recipients of the award and was selected from nearly 200 nominations in the areas of environmental management systems, pollution prevention, recycling, green product purchasing, alternative fuels, sustainable building and electronics stewardship. The award was presented by the Office of the Federal Environmental Executive, a chartered task force under the White House Council on Environmental Quality.

Some of the team's FY 2005 achievements include recycling wooden pallets, transferring abrasive media, providing 400 fire extinguishers to a local vendor for refurbishment, and transferring generators for nonproliferation efforts.

"The team has been successful in formalizing responsibilities, defining objectives, and integrating past experiences into continually improving pollution prevention efforts," said Jackson.



National Nuclear Security Administration Ambassador Linton Brooks (far left), Deputy Secretary of Energy Clay Sell (fourth from left) and Acting Assistant Secretary for Environment, Safety and Health Russell Shearer (far right) congratulate Y-12's Closing the Circle Award winners.

Other team members for FY 2005 include Rebekah Bell, Wayne Carlton, Nathan Cole, Laura Cunningham, Dallas Fritts, Betty Hatmaker, Denise Hess, J.D. Huddleston, Harold Hudson, Stacy Jollay, Al McLendon, Aprell Patterson, Randy Redmond, Doug Roberts, Brad Skaggs, Owen Stevens, Scott Vowell, Ron Walton, Bobby Winkle and Arlin Yeager.

BWXTimes

Volume 6, No. 7

July 2006

<http://www.y12.doe.gov/news/bwxtimes.php>

P.O. Box 2009
Oak Ridge, TN 37831-8245

Melissa Leinart, editor
865-574-1621 (6ml)
Bldg. 9109, MS 8245, Oak Ridge, Tennessee 37831

Other contributors:

Amy Alley
Ellen Boatner
Pat Carson
Beth Eckerman
Kathy Fahey
Lisa Harris
Jamie Loveday
Brett Pate
Gail Powell
Heidi Spurling
Mike Watkins
Donna Watson
Mona Wright

PRSR
STD
PAID

U. S. Postage

Permit #36
Powell, TN