

the
Y-12
times



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You don't have to be Einstein to learn this equation

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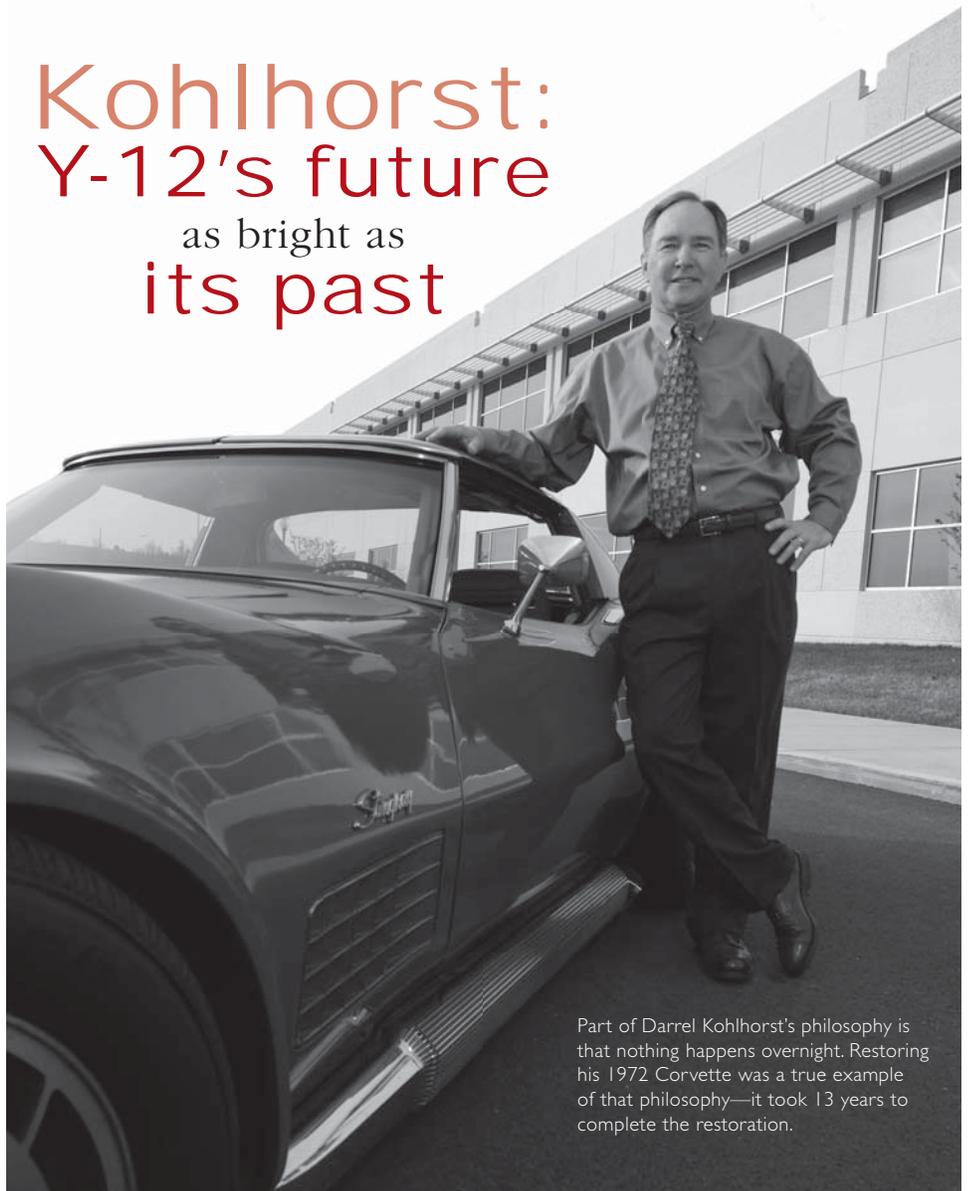
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Kohlhorst: Y-12's future as bright as its past



Part of Darrel Kohlhorst's philosophy is that nothing happens overnight. Restoring his 1972 Corvette was a true example of that philosophy—it took 13 years to complete the restoration.

He is no stranger to Y-12 and its mission. In fact, he's been a Y-12 employee for the last eight years. Who is he? Darrel Kohlhorst, Y-12's new president and general manager.

"My greatest advantage to the job is already being an employee," said Kohlhorst. "I hit the ground running on day one. I already knew the staff, the customers and the programs. That made a big difference."

Having risen through the ranks, Kohlhorst said he has experience with employees, operations and surrounding communities. "Employees know me and know how I work, how I make decisions and what I value for Y-12 as a whole. I know our programs and the paths they are on and where we want to be as a company in years to come. I also have relationships with community leaders, and I know I can talk to them about Y-12 and our role in the future."

If you ever talk to Kohlhorst, it's easy to see he is a people person. "I really like people. The only way we get things accomplished is through each other. In the positions I've had at Y-12, I've seen a lot of different areas and had the opportunity to work with many employees. I've learned to respect other jobs by watching our co-workers."

See KOHLHORST, pg. 2

System engineers fill in HEUMF picture

“Getting the procedures right is key to operating the facility safely and to a successful startup.”

—Lead system engineer

The testing and readiness preparation phases of the Highly Enriched Uranium Materials Facility (HEUMF) project are approaching, and system engineers are busy preparing for operation of equipment being installed. The words “being installed” suggest the magnitude of the task—understanding systems that so far are incomplete.

“Imagine trying to write instructions for how to take a photo using your cell phone without knowing what the control functions and menus look like. That’s the challenge we face,” said the lead system engineer for HEUMF. Although a lot of the equipment has been installed, some software programs to run the systems are still being written and tested, and some vendor manuals have yet to be received.

While the system engineers continue to deal with design changes—mainly integration of systems—much of their work now is preparing the grading work sheets, the master equipment list, labeling, procedures and other paperwork.

One of the biggest jobs is writing the system operating and surveillance procedures. “We begin [the procedure process] by writing a draft that gives instructions in broad general terms, and then we go back and fill in the gaps as information becomes available.” To save time, procedures are being developed in parallel with equipment installation instead of after testing. Twenty-six of the 41 procedures have been drafted.

It’s beneficial that those working on HEUMF system readiness are experienced subject matter experts. The first plant self-assessment for readiness is scheduled for April 2009.

Get to know DK

“I think I’m a fair person. It’s important to treat people fairly and justly; decisions we make at Y-12 affect a lot of people’s lives—not just our employees’ lives.”

“I have a sense of humor. We must take what we do seriously but have fun and understand we’re all human and make mistakes.”

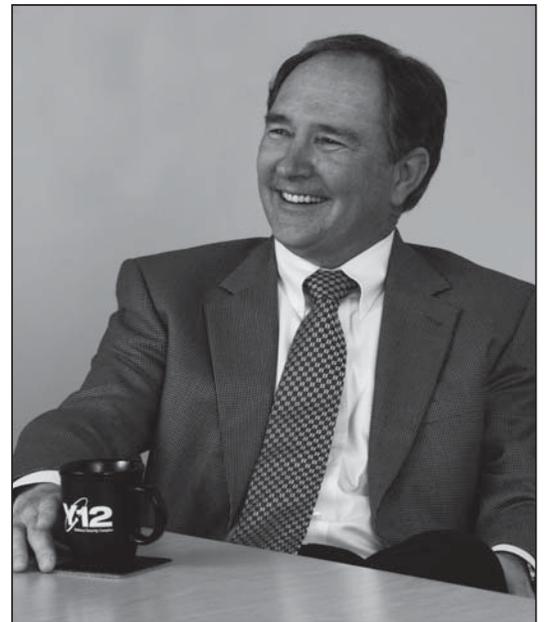
“I’m always amazed to learn about employees’ hobbies and volunteer work. We have a very diverse work force.”

KOHLHORST cont. from pg. 1

As a Babcock and Wilcox employee since 1972, Kohlhorst said he knew he was on the path to becoming a general manager if the right opportunity came along. Evolving along that path wasn’t accomplished on his own; he said he has a very supportive family. “June [his wife] and our three children have provided a good support system for me. Everyone needs that support to share successes with and overcome the downfalls that may occur.”

Kohlhorst isn’t an all-work-and-no-play kind of guy. In his spare time, he enjoys golf and working on automobiles. In 1982, his wife found him a 1972 Corvette; he restored it in the family’s garage with his children as constant companions. “It took me 13 years to restore it, but the best thing about doing that is the videotapes of my work in progress. When I watch them, I get to relive seeing my children grow up.”

When asked about his new job, Kohlhorst said, “It’s a real honor to represent Y-12 and our employees. I think we have as bright a future as our past. Y-12 has such a glorious past that it’s easy for us to want to stay there, but that’s not our challenge. Our challenge is the future—to be a vital component in our nation’s security 60 years from now.”



Kohlhorst: “When we play our role well, Y-12 shines.”

GREEN design is built in

It's easy to get stumped by the buzz words "sustainable design," but for employees, it means improved indoor environmental quality, less waste of natural resources and improved energy efficiency.

"Sustainable design at Y-12 will provide a positive impact on productivity and health, as well as minimize operating costs and energy consumption for new facilities," said Engineering's David Hueser.

Hueser is part of the Six Sigma team working to increase awareness and use of sustainability design techniques by incorporating them into Y-12's new buildings, renovations and equipment enhancements. "Using sustainable design principles, we will integrate energy- and resource-saving features into new facilities as economically justified and reduce the negative impact on our environment," he said.

Naila Howell, also of Engineering, is the certified Yellow Belt leading the Six Sigma team. Some of the ideas she and her team are considering include assigning a sustainability champion to each engineering discipline, providing discipline-specific training, disseminating information on "green" building products and developing tools to facilitate green design choices.

"At Y-12, the emphasis will be on wise use of materials, energy and environmental resources, and focusing on conservation, recycling and renewables," said mechanical engineer and team member Bruce Warnick.

"The terminology hangs people up, but sustainable design is something that is becoming more mainstream," noted Howell. "We are beginning to increase its awareness here at Y-12, and we plan to continue to incorporate these techniques more often."

A free ticket to ride



It seems gas prices are going through the roof—maybe \$4 per gallon by Memorial Day. If you live in the Knoxville area, don't just complain; take advantage of a transportation service offered by B&W Y-12 and a very generous grant.

Knoxville Area Transit (KAT) offers a free bus service from Knoxville and Farragut to Y-12 for employees. Even if you have to drive

a few miles to the bus stop, you can still save money, and there are other benefits you may not have thought about.

Here is an example of the cost you could avoid by riding the bus: A 50-mile round trip commute with a car that gets 20 miles per gallon (assuming gas costs \$3.25 per gallon) will cost you about \$8.13 per day. If you ride the bus and drive 25 miles round trip to the bus stop, the cost would be about \$4.06 per day. Even if you don't ride every day, you can save money.

Buses stop at Commerce Park, New Hope Center and the east end of Y-12. The Y-12 in-plant shuttle service picks up KAT riders in the morning and afternoon at the east end.

Riding the KAT bus is one way we can all help Y-12 become greener. If you'd like more information about the bus service, contact Amy Duncan (574-3493).

Did you know?

Incorporating sustainable design into buildings has the potential to save 30 percent in energy costs.



Did you know?



Coliseum Route

(with free, covered parking)

- Morning: departs coliseum Monday through Friday at 5:50 a.m. and arrives about 6:30 a.m. at Y-12
- Afternoon: departs Y-12 at 4 p.m. and arrives at coliseum approximately 4:30 p.m.

Farragut Route

- Morning: departs Village Green Shopping Center at 5 and 6 a.m.; arrives at Y-12 approximately 5:20 and 6:25 a.m. (respectively)
- Afternoon: departs Y-12 at 5 and 6 p.m. and arrives at Village Green Shopping Center at 5:30 and 6:30 p.m. (respectively) then proceeds to the coliseum and arrives about 5:50 and 6:50 p.m. (respectively)

The hunt is on

Children look for prized eggs



Children and grandchildren of Y-12 employees visit with the YES bunny at the recent egg hunt. Children who found golden eggs turned them in for a stuffed animal.

For the second year in a row, the Y-12 Employees' Society (YES) held an egg hunt at Cedar Hill Park for employees' children and grandchildren. More than 200 children hunted 2,500 eggs filled with candy. Those finding golden eggs turned them in for a special prize.

Ryan Hay, YES organizer of the event, said, "We had a great turnout this year. With more eggs than last year, it seemed that they were gone in about the same amount of time."

The children also could visit with the YES bunny—also known as Rashaun Williams. "I love to see a child's face light up in amazement. It's priceless."

Hay was grateful to the many volunteers who filled and hid the eggs. "The volunteers were extremely helpful. It would have taken several days to get all of those eggs filled, but with the help from everyone, we were able to get the job done in a couple of hours. So a big thanks to all the volunteers. Without their help, it would have been impossible to have had such a great egg hunt!"

In memoriam

Frank Carey, a work coordinator in Facilities, Infrastructure and Services (FI&S), passed away March 4. He had 32 years of company service.

"You couldn't be around Frank without laughing," remembered longtime friend Beth Green of FI&S. "He used various character voices, so when I answered the phone, I was never quite sure who'd be on the other end. He was also an incessant volunteer—always doing whatever needed to be done. Frank was just a wonderful person."

SERVICE



ANNIVERSARIES

April

41 years

Facilities, Infrastructure and Services: Roger H. Cox

40 years

Safeguards and Security: Donnie W. Burney

35 years

Facilities, Infrastructure and Services: Jerry R. Rutherford

Quality Assurance: Vaughn E. Chase and Charlotte D. Schaefer

30 years

Engineering: Arlie L. Jenkins and Stephanie J. Patton

Environment, Safety and Health: Gail R. Harp

Facilities, Infrastructure and Services: Olvin Jackson, Roy H. Martin and Rickey R. Wilson

Information Technology: Valerie F. Homan

Production: Rebekah J. Durant, Laverta A. Hardin and Neta C. Wilcox

Public Affairs and Communications: Sandra R. Schwartz

Quality Assurance: Toletha M. Davis and Wanda F. Wimes

Safeguards and Security: Robert E. Ryan

25 years

Environment, Safety and Health: Bruce R. Fortune and Tammie T. Foster

Facilities, Infrastructure and Services: Dennis W. Graves

Production: Daniel J. Lawson

Quality Assurance: Randy T. Palmer and Robert R. Wagner

20 years

Applied Technologies: Jeffrey G. Parrott

Chief Financial Officer Division: Brenda E. McDuffie

Quality Assurance: Jack K. Harper and Raymond J. Wise

Safeguards and Security: Judy V. Quinn

A testimonial

by Engineering's Keith Swinney

In 2003, I was matched through the National Bone Marrow Registry to Lindsey, a young lady with leukemia. Since receiving the bone marrow transplant [from Swinney], Lindsey has been cancer free, but she began to have respiratory problems and needed a double lung transplant.

On Oct. 6, 2007, Lindsey received her transplant. The surgery went well, and she has since returned home to Iowa. She lights up a room when she enters and has always kept a strong faith and positive attitude through seven years of health issues. I am a better person for knowing Lindsey.

Lindsey and I now share something else in common. In July 2007, I was diagnosed with cancer. It was a shock, to say the least. My cancer was diagnosed early, and they were able to completely remove it. Today, like Lindsey, I am cancer free and have a new mission in life ... to increase cancer awareness, raise money to help find a cure and help others who have been diagnosed.

Please join me on the 2008 Relay for Life Y-12 team, June 6-7, at the Oak Ridge High School track to celebrate those who have survived cancer, remember those we've lost and fight back by supporting the American Cancer Society's life-saving mission. By joining our Y-12 team, you are helping deliver the hope that future generations will not have to endure the threat of cancer. Please contact me (574-7645) to volunteer for our Y-12 team.



Join Keith's fight against cancer!

Relay for Life

June 6-7

5 p.m.

Oak Ridge High

School track



Christa Leverett (left) proudly accompanied her mom, Engineering's Hazel Leverett, to a recent service awards dinner at Fox Den Country Club to celebrate her mom's 30 years of company service. Hazel said she's seen a lot over the last three decades. "I have worked for five contractors and five division directors and changed supervisors seven times in the same department," she said.

Hazel said one of her proudest work accomplishments was participating on a team to promote strong partnerships with minority educational institutions to "cultivate a more diverse supplier base" for Y-12 and the Nuclear Weapons Complex. She currently manages the Nuclear Criticality Safety Document Management Center.

In memoriam

Judie Henegar, the Y-12 forms coordinator in Business Services, passed away March 9. She had 35 years of company service.

"Judie maintained such a positive attitude and was truly an inspiration in dealing with her cancer," said Nancy Williams, also of Business Services. "She once told me, 'I decided when I learned I had cancer that I was not going to become the disease' and that, she did not. She was dedicated to her work and her customers. Judie was a dear friend."

Don't get caught in the Web

Ways to protect your home computer



Because of my previous experience as a division computer security officer, I know how important computer security is. Here are some ways to protect your home computer:

- If I'm looking for a website, I make sure it's the real thing. I usually Google the name first. Then, I check to see if the URL looks credible.
- I store personal identification information only on removable media, not on the hard drive.
- If you have Internet service through a cable provider, you can shrink the window of opportunity for hackers by switching off the cable modem when you don't need to be connected to the Web. It's quick and easy to switch the modem back on without rebooting.
- Install antivirus and antispyware software. Some, such as AVG and Spybot or Spyware Blaster, may be downloaded for free. Be sure to set the software to update automatically.
- Setting up a separate credit card with a lower credit limit just for online shopping is good damage control.

—Kevin Shay, Engineering

What you do



counts

Legal's Nancy Hammons, who recently became a Certified Professional Secretary, began coursework in April toward the Certified Administrative Professional rating.

Back to the books

Employee's spouse encourages her advancement

Before Nancy Hammons's Navy reservist husband left for a tour of duty in the Middle East in 2006, he handed her a package explaining everything she needed to do to become a Certified Professional Secretary (CPS). No, it wasn't necessarily his way of keeping her occupied while he was away. "It was something I had considered for years and never acted on," said Hammons, who is the lead secretary for Legal. "But I will say, the studying kept me busy!"

She spent the next year taking courses such as office management, computer technology and ethics at the University of Tennessee. When husband Nathan returned home, she was still studying. Last November, she passed the nine-hour exam for certification.

Hammons believes her years of experience in Legal made the coursework easier. "Ethics is a big part of what we do, particularly in working behind the scenes to resolve issues before they come to a head." When it came to the technology courses, she wasn't at all intimidated by taking a computer apart and putting it back together.

Hammons recommends the CPS courses to others, especially to young administrative professionals. "I wish I had done this earlier. It would have helped on my career path," she said.

“

It was something I had considered for years and never acted on.”

—Nancy Hammons, Legal

PEDAL-PUSHING PILCHERS

Since the mid-1980s, Keith Pilcher and his wife, Karen, have been bicycling about 150 miles or more a week. Not only do they bike five miles to work at Y-12, they tack an extra 12 to 30 miles on the return commute. A Saturday outing might be 50–75 miles.

Sound painful? Actually, pain is what got National Security Programs' Keith Pilcher into biking.

"I injured my back. It hurt all the time," he said. "Then I tried riding a bike, and I noticed my back didn't hurt during the ride. In fact, it didn't hurt for hours afterward." Before long, biking became an obsession, and the Pilchers were pedaling as much as 15,000 miles a year. "Early on, we'd ride 100 miles most Saturdays," said Keith.

Since then, they've scaled back on their mileage, and for the most part, cold weather doesn't bother them. "People ask how you stay warm on a bike, but staying cool is more of a problem. Eighty percent of your effort goes into generating heat; only 20 percent goes into moving you down the road."

Biking saves money and the environment, of course, but that's not the only reason the Pilchers strap on helmets twice a day.

"Biking to work folds exercise seamlessly into the day. It's the same principle as having money automatically deducted from your paycheck for retirement. Once you're used to it, it's close to painless," Keith said.



Unless it's raining when he leaves home, Keith Pilcher bikes to work every day.

“

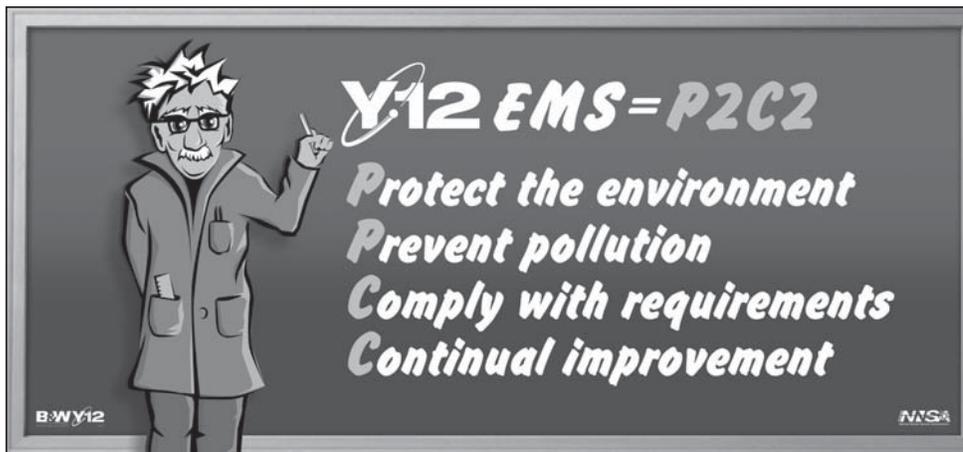
In fact, now it seems like more trouble to get in the car.”

—Keith Pilcher

In memoriam

Bruce Campbell, a supervisor in Production, passed away March 1. He had 31 years of company service.

"Bruce was conscientious, kind and well-liked," said Debbie Braden, also in Production. "Everyone loved Bruce. He was even-tempered, loving and had a great sense of humor. As far as his work ethic, Bruce never shunned his responsibilities—he always got the job done. Bruce had great character, and everyone who knew him was truly blessed."



P2C2 summarizes our environmental management system (EMS) commitments as we all work to be good environmental stewards. An easy way to remember our environmental commitments is: Y-12 EMS = P2C2.

Dinners to Go

Beginning in May, Oliver's Catering to offer "Meals to Go"

Monday–Thursday
(90-day trial period)

watch YSource for details

Volunteer Day

May 17

Give back to our communities
Contact Alice Brandon
(aim; 576-2963)

Secret City Festival

Oak Ridge, Tenn.

June 20–21

Festival sponsors:
City of Oak Ridge
B&W Y-12
secretcityfestival.com

Top Three Requests

- Provide onsite exercise equipment
- Help with diet improvement/
cholesterol reduction
- Offer healthy food choices in the cafeteria

PRSR
STD
PAID
U. S. Postage

Permit #36
Powell, TN

Employees want to be healthier

Wellness survey response tremendous

The response to the Wellness Team survey was incredible, with more than 1,450 responses received.

Wellness Team member Tim Talley of Productivity and Process Improvement said the response "shows employees are concerned about their health and wellness. They just need a push to get started." The team already is working on some of the recommendations. "Low-cost and low-risk actions are already being put into place. We [the team] have a six-month, less-than-one-year, and out-year action item list," Talley said.

Employee team coordinator Doug LeVan of Environment, Safety and Health (ES&H) said, "We will use the survey to help define the program. The Wellness Team will serve as the 'voice of the employees.'" The Wellness Team was formed last year as part of the President's ES&H Forum.

Many employees want corporate discounts to fitness centers. The Y-12 Employees' Society (YES) already offers discounts to 180 Sports and Fitness and the Rush Fitness Complex. Visit the YES website (<http://www.y12.doe.gov/community/yes/>) for more information.

"As the team works on implementing employees' wants, we will communicate these changes and additions through articles on YSource and in *The Y-12 Times*," LeVan said.