

Community

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Pioneering Research on Ohio's Third Frontier



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Community

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ON THE WEB www.wright.edu/

The hard work and dedication of the campus community this past year have propelled Wright State to new levels—despite a very difficult economy.

But even with economic challenges, the Wright State community came together to accomplish four major goals. We:

- achieved academic excellence, with national and international honors;
- exceeded our campaign expectations one year ahead of schedule;
- provided statewide leadership that avoided severe cuts to higher education; and
- established a strategic plan with full community support.

This issue of *Community* contains several stories about how the efforts of the campus community and its many supporters contributed to this success.

As you will read in our cover story, Wright State's high-achieving faculty, staff, and students are engaged in collaborative, cutting-edge research and scholarship, making it a major player in Ohio's new knowledge economy.

In fact, research funding to Wright State increased by 12 percent in the past year to more than \$46 million, ranking the university third among Ohio's state-assisted colleges and universities in federal research. And, for the fifth straight year, Wright State was the top choice in the nation for Miami Valley valedictorians.

On page 23, read about how WSU's first-ever major fundraising campaign has exceeded expectations. Based on national benchmarks, the campaign's goal was to raise \$40 million in five years. To date, we have exceeded that target—one year ahead of schedule. The nearly \$43 million raised so far will support scholarships, academic programs, faculty development, and facilities. But there are still unmet needs in these areas—our National Alumni Challenge is well under way, and the WSU Family Phase is set to kick off this fall.

The efforts of many on the state level are helping to build the case for increased support for higher education. As a member of the Governor's Commission on Higher Education and the Economy and as co-chair of its Access and Success Committee, I will continue to work with leaders statewide to reinforce the role of higher education in Ohio's economy.

The new academic year was also marked by another beginning. On page 18 you will read how the campus came together in record time to formulate a five-year strategic plan that aims to expand the university's role in the region and beyond.

With your support, we will continue to build on our academic distinction and go boldly and creatively toward expanding partnerships with our regional and global communities.



Kim Goedenberg
President, Wright State University

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Wayne Shebilske: "People are my test tubes."

Data Fatigue: Bane of the Information Age?

From the battlefield, to the board rooms of multinational corporations, to disaster relief sites, the internet and computers have changed the way people communicate and work together. But can there be too much of a good thing?

"Yes," explains Wayne Shebilske, professor and chair of WSU's Department of Psychology. "It's now possible to receive a ton of information from different sources. It's a question of how much can someone do and take in at one time," he says. The risk is information overload or data fatigue, he explains, a dangerous turn especially when a rapid response is required.

"Sometimes technology needs to be reined in or it will create more problems," he says. "The key is to design systems that serve people effectively."

An expert on human performance and learning, Shebilske is a partner in a \$5 million grant to Wright State, Texas A&M, and Penn State University to develop CAST (Collaborative Agents for Simulating Teamwork), a sophisticated software program that can bring order to the chaos of information. Funded through a Department

of Defense MURI (Multidisciplinary Research Program of the University Research Initiative) grant, CAST can prioritize relevant data and send it when needed. It can even predict future information needs based on the changing dynamics of the situation.

Besides military applications, CAST has the potential to assist in homeland security operations, such as tracking disease outbreaks and coordinating rescue efforts of police, firefighters, national guard troops, and medical personnel responding to a terrorist attack.

In his computer lab in Fawcett Hall, Shebilske is involved in other research projects that center on developing computer-based training protocols. He tests them by having subjects perform complex video game-like tasks.

His training protocols have been used by the Israeli Air Force, the U.S. Air Force School of Navigators and the Irish National Air Lines. Currently, he's working with a team of researchers at MIT to develop a virtual environment trainer for astronauts destined for the International Space Station.

Students Collect "Milk Money"

A group of Wright State University students raised \$1,200 for Heifer Project International's (HPI) efforts in two Ukrainian villages near the border with Poland. The donation will help provide dairy cows for 30 impoverished farming families in Nove Selo and Berezets, an area the students visited last year on a trip sponsored by the university's Catholic Campus Ministry.

Thomas Howell, a junior biomedical engineering major, raised money for HPI by spending three days on clear liquids and finding financial sponsors to support his fast. "I wanted to try to get a better feel for how people in certain areas live," Howell said.

The project will also provide training in farm management, animal health, and vet care over the next two years. Families make a commitment to pass on the gift by sharing one or more of their animal's offspring with other families in need. Students from the Wright Engineering Council, the United Methodist Student Movement, and the Newman Catholic Student Association began collecting money last February.

WSU, China Exchange MBA program

Agreements have been signed for an international MBA program that will bring Chinese business leaders to Wright State and involve WSU business faculty teaching in China.

"This program will open doors for economic development between Ohio and Shangdon Province," said Berkwood Farmer, dean of the Raj Soin College of Business.

The program will begin next year, bringing in approximately 40 Chinese business and government executives to Wright State in January to begin an intensive, 12-month program to earn a MBA executive format degree. In turn, several faculty from the college will travel to China in the spring of 2004 to begin the MBA executive format degree in Beijing and Shanghai.

For information, call (937) 775-2895, or e-mail andrew.lai@wright.edu

Preparing Future Scientists and Engineers

While some teens spent their summer relaxing, playing video games, or watching television, 160 students enrolled in Wright State University's Science, Technology, and Engineering Preparatory Program (Wright STEPP) took field trips to area businesses, attended seminars on career awareness, and took classes in math and science. Begun in 1988, Wright STEPP, a partnership between Wright State, the Dayton Public Schools, Wright-Patterson Air Force Base, and local industry, has helped over 1,000 students in grades 7–10 become interested in and prepare for careers in science.

In addition to course work, the four-week Wright STEPP program helps students explore career options in engineering and science; introduces them to role models from industry and education; arranges tours of local businesses for the students; and encourages students to complete college preparatory courses in high school. More than 100 scientists and engineers from around the community volunteer with the Wright STEPP program.

Students who complete four summers in the program and meet other academic criteria are eligible for a four-year, full-tuition scholarship from Wright State.

Wright STEPP was named one of the Thousand Points of Light by former President George Bush and earned the Gold Medal Award for Community Partnerships from the Council for Advancement and Support of Education. The National Science Foundation awarded Wright STEPP the Computer Science, Engineering, and Mathematics Scholarship Award.



Wright STEPP's graduation ceremony last July



Students pedal the quadcycle across campus.

Quadcycle Design Earns Prize

Over a century ago, the bicycle provided a medium for the Wright brothers to perfect their knowledge of things mechanical. At Wright State, the bicycle still serves as a vehicle to test innovation and know-how. In this case, it's a bicycle built for four by a team of mechanical engineering students.

And while it may not sport a sleek, futuristic look, WSU's entry in the 2003 Human Powered Vehicle (HPV) Challenge, sponsored by the American Society of Mechanical Engineers, earned a second-place trophy in the Multi-Rider Event in May.

Held at the University of Missouri at Rolla, the HPV Challenge attracted 16 schools from across the country. The event's goal is to promote research in developing human-powered vehicles that can be used in everyday activities, said Junghsen Lieh, associate professor of engineering and advisor on the project.

Judged on design, safety, and performance, WSU's quadcycle reached speeds up to 22 miles per hour on a circuitous 11-mile course that featured sharp turns, speed bumps, hills, sudden stops, and other obstacles.

The riders sit two-by-two, with those in the back operating hand rowers taken from old exercise machines. This innovative addition provided the extra power needed to propel the 200-pound bike.

Graduating senior Annemarie Peters said the cycle's unique design also raised some eyebrows at the competition. "They were amazed, because it was the first four-person vehicle that had ever been entered in the multi-rider event," she said.

Grant to Study Drug Treatment

Research partners led by Wright State University School of Medicine's Center for Interventions, Treatment, and Addictions Research have begun a new \$4 million, five-year project: Reducing Barriers to Drug Abuse Treatment Services. Funded by the National Institute on Drug Abuse, the project is a controlled clinical trial designed to test the effectiveness of interventions within the context of Dayton's existing community resources.

The grant will enable researchers and their community partners to assess two promising interventions: motivational interviewing and strengths-based case management. Current statistics indicate that every dollar spent on drug treatment is a bargain for federal, state, and local governments.

Other partners include Samaritan Behavioral Health, Montgomery County Alcohol Drug Addiction and Mental Health Services; Montgomery County Center for Alcoholism and Drug Addiction Services; Miami Valley Hospital Turning Point; NOVA House Association, Inc.; Project CURE; Daymont West; and the WSU School of Medicine's Consumer Advocacy Model.

Research Funding Up

Funding for research at Wright State increased 12 percent in 2002–2003 to \$46,255,284. In the last 10 years, federal research funding at WSU has more than doubled and the number of awards has increased from 378 in 1993–1994 to 554 in 2002–2003. Wright State ranks third among Ohio's state-assisted colleges and universities in federal research.

Counselor Recognition

Kaplan's 2004 *Unofficial, Unbiased Guide to the 328 Most Interesting Colleges* lists Wright State as one of the most underrated schools in the nation, according to its survey of guidance counselors nationwide. Also included in the list were the University of Massachusetts-Amherst, Rutgers University, and the University of Arizona. WSU was also listed as one of the schools recommended by guidance counselors.

Students Available for Business Consulting

Local companies that need people to help complete human resources or information systems projects may get help at little or no cost from students in the Raj Soin College of Business through the Ohio Small Business Development Center.

Human resources projects include policy and procedures development, in which a team of students supervised by a Wright State faculty member will complete job descriptions; analyze jobs, wages, and benefits; make recommendations on employee recruitment and staffing; develop a performance appraisal system; and develop human resources strategies and policies.

Students may also conduct an HR audit for a business. Companies are asked to be available five to 10 hours per month to meet with students and provide marketing, financial, and any other needed information.

Students from the Department of Management Science and Information Systems are also available to develop databases and Web sites for companies.

For more information, contact the Ohio Small Business Development Center at michael.bodey@wright.edu or by calling (937) 775-3487.

Pammer Named Fulbright Scholar

William Pammer, professor and director for the Master of Public Administration program, was selected as a Fulbright Scholar for the 2003–2004 academic year. Pammer will spend the year in Moldova, a former Soviet country in Eastern Europe, instructing and assisting local officials in building market economies and democratic governments.



William Pammer

“Moldova, like other former Soviet countries, has been in transition since the early 1980s,” said Pammer. “These are some of the poorest areas in Europe, and that’s why I’m going. I like a challenge.”

During his stay, Pammer will be teaching courses on local fiscal administration and public administration to both state and local government officials at the Academy of Public Administration. According to Pammer, the centralized style of government in former Soviet-bloc countries like Moldova created a lack of trust in the government. Pammer hopes to rebuild that trust by helping the local officials develop their economies and governments.

Talbott Awarded for Faculty Excellence

The Wright State University Board of Trustees selected John Talbott, professor of accountancy, winner of the Trustees’ Award for Faculty Excellence. The award is presented to one faculty member each year in recognition of sustained excellence in teaching, scholarship, and service.



John Talbott

Talbott’s students have won the National Student Case Competition an unprecedented four times and have finished in the top four on three other occasions.

Talbott also organized a unique program for Meadowdale High School students, which invites students to Wright State once each week for two months and introduces them to accounting practices and career opportunities in the accounting profession.

A two-time winner of the Alumni Teaching Award, Talbott has also been named a Distinguished Professor and chosen as an outstanding teacher in the Raj Soin College of Business on six occasions. A member of the Board of Directors of Escko Corporation, Talbott has also chaired Wright State’s Faculty Affairs and Budget Review committees.

Plants’ Defense May Leave Them Vulnerable

Some of the defenses that plants use to fight off disease leave them more susceptible to attack by insects, according to Don Cipollini, a chemical ecologist at Wright State University.

A major research interest of the Wright State scientist is how plants cope with insects and diseases. This includes examining biochemical mechanisms of resistance, as well as the ecological costs and benefits of plants’ responses to pests.

His study, done in collaboration with researchers at the University of Chicago, illustrates the effects of salicylate, a natural plant chemical, on resistance of the plant species to the beet armyworm larvae. Salicylate is chemically similar to the aspirin that humans take, and it functions in nature to heighten a plant’s defenses to disease-causing microbes. But when applied to plants, salicylate can interfere with resistance to some insects, however, leaving them more susceptible to insect feeding damage.



“This interaction can result in the unfortunate tradeoff where plants become resistant to some diseases, but more susceptible to some insects.

This phenomenon represents an ecological cost of resistance,” said Cipollini.

The assistant professor of biological sciences presented a research paper on this topic last August at the annual meeting of the Ecological Society of America in Savannah, Georgia.

Cipollini’s research, which has funding support from the U.S. Department of Agriculture, has implications for crop plants in which salicylate-mediated defenses have been either genetically engineered or chemically manipulated. It also illustrates natural constraints on the evolution of plant resistance.

Cipollini has been invited to present his induced defense research at international symposia in Australia and Canada next year.

As the start of the new academic year got under way, President Kim Goldenberg announced the 2003-2204 recipients of the President's Excellence Awards. The awards are presented annually to outstanding individuals and units that demonstrate exceptional dedication, expertise, and passion for excellence.

Presidential Awards for Faculty Excellence



Jay Dean
Associate Professor,
Physiology and
Biophysics
Brage Golding
Distinguished Professor
of Research



Peter Lauf
Chair, Professor,
Physiology and
Biophysics
University Professor



Henry Limouze
Chair, Associate
Professor, English
Frederick A. White
Distinguished
Professor of
Professional Service



Tim Wood
Professor,
Biological Sciences
Robert J. Kegerreis
Distinguished
Professor of Teaching



Don Cipollini
Assistant Professor,
Biological Sciences
Early Career
Achievement



Laura Luehrmann
Assistant Professor,
Political Science
Early Career
Achievement



Javier Stern
Assistant Professor,
Pharmacology/Toxicology
Early Career Achievement



Lisa Crawford
Management
Outstanding Instructor



Stan Easley
Anatomy
Outstanding Instructor



Adrienne Stolfi
Pediatrics
Outstanding Instructor



Linda Lester
Mathematics and
Statistics
Outstanding Lecturer



Karen Meyer
Computer Science and
Engineering
Outstanding Lecturer



Martha Teter
Nursing and Health
Outstanding Lecturer

Presidential Awards for Staff Excellence

Special Collection Archives, University Libraries
Outstanding Unit

Planning, Engineering & Construction, Business Services; CATS; Student Affairs and Enrollment Services; Student Union; Residence Services; Office of Disability Services; Faculty Senate; Student Government; Physical Plant; Plant Operations and Maintenance; Facilities and Management; and Environmental Services
Outstanding Collaborative Units

Presidential Awards for Staff Excellence



Mary Jean Henry
College of Education and
Human Services
Human Relations: Classified



Stephanie Ours
School of Medicine
Human Relations:
Unclassified



Thomas Bazzoli
College of Engineering
and Computer Science
Innovation: Unclassified



Kenneth Bozeman
Lab Stores
Service: Classified



Paul Newman
Athletics
Service: Unclassified

University Research Pioneers New Pathways on

Ohio's Third

By Mark Willis

When Jenny Barger graduated from Wright State in June, she was confident about her prospects in the job market. In fact, she had a job lined up since April. It promised to be a good job, a high-tech job with a future, the kind of job that Governor Bob Taft believes will transform Ohio's economy.

A Celina native, Barger attended Wright State's Lake Campus for two years. Continuing her undergraduate program at WSU's Dayton campus, she learned about a new career option for biology majors — bioinformatics — which used the latest advances in information technology to manage the ever-growing mass of biological data generated since the sequencing of the human genome.

"Dr. Dan Krane told us bioinformatics would be the next big thing, it would go places," Barger recalls.

Sitting in the first of five computer science classes required for the bioinformatics option, she wondered whether it was really where she wanted to be. "Computer science was so different from the biology classes I had taken, but eventually I got the hang of it. I even enjoyed it."

Two days after graduation, Barger began full-time work with Acero, a Cleveland-based software company. Acero is the developer of the Genome Knowledge Platform (GKP), a powerful bioinformatics tool that enables scientists to share staggering amounts of data within and between research organizations. Barger's first assignment was setting up the GKP at the University of Cincinnati's Genome Research Institute, the hub for a regional research collaboration that includes Acero, Procter & Gamble, Wright-Patterson Air Force Base, and Wright State University.

With the prospect of returning to Wright State, not as a student but a GKP trainer, Barger considers herself "very lucky to have gotten this opportunity."

A Vibrant Knowledge-Based Economy

To Governor Bob Taft, the collaboration evolving around the Genome Research Institute points the way to a new frontier in Ohio's economic development. Ohio's first economic frontier was agriculture, and its second was manufacturing. The Third Frontier, according to the governor's vision, is the "knowledge economy."

Frontier

If approved by voters in November, Issue 1 will allow the state to issue bonds to fund the high-tech research needed to create the high-paying jobs of the future.

“We’ve lost more than 100,000 manufacturing jobs in recent years,” Taft explains. “Our per capita income was growing before the recession, but it was growing at a slower rate than other states. If we’re going to preserve quality of life and a vibrant economy, we have to accelerate the transition of our economy to a more dynamic one based on research and innovation.”

Accelerating that transition is Taft’s top priority. In 2002 he launched the Third Frontier Project, which will invest \$1.6 billion in state funds over the next decade to spur Ohio’s knowledge economy. Part of the money comes from Ohio’s share of the tobacco settlement; part of it comes from capital and general revenue funds. On November 4, Ohio voters will be asked to approve Issue 1, which will authorize \$500 million in state bonds to finance additional Third Frontier initiatives.

The monies will be invested strategically in high-tech fields such as bioscience, fuel cells, and information technology, which have strong potential for commercialization and job development. Ohio’s research universities bring valuable intellectual capital to the venture, and various Third Frontier programs encourage new collaborations between universities and the private sector.



WSU alumna Jenny Barger set up and provides training for the bioinformatics platform used at Cincinnati’s Genome Research Institute.

“The state can provide funding and overall leadership,” Taft says, “but ultimately, we need our universities to focus on research and development relevant to the knowledge economy — helping new businesses to start up, encouraging faculty to participate in new businesses where appropriate, and also working with large established companies to help them innovate and stay ahead of the curve.”

“Growth in the high-tech sector has averaged four times that of the overall economy during the 1990s.” *

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Taking Research to the Marketplace

According to Frank Samuel, the governor's science and technology advisor, the Third Frontier Project will fund "the applications of new knowledge in the form of technology applied to products that will actually sell in the marketplace, hence our insistence that business partners be front and center in these collaborations.

"University researchers can bring creative, interactive approaches to developing relationships with the private sector," Samuel adds. "It requires new ways of thinking and working. Not all researchers will find this congenial, but I think many will."

"Dayton has an extraordinary concentration of information technology companies," Governor Taft says. "Companies like Reynolds and Reynolds, LexisNexis, and NCR are working closely with universities. We need innovative partnerships like these in every region of the state."

He adds, "We also need to fully utilize the Air Force Research Laboratory's (AFRL) potential as an engine for Ohio's knowledge economy."

The Wright State Connection

Wright State's computer science faculty is partnering right now with Dayton information technology companies, AFRL, and other universities to pursue its strength in data management. With an NCR Teradata computer recently gifted to the university, the computer science faculty has first-rate facilities to conduct research in advanced data management of critical importance to both the IT industry and the Air Force.

A current project entitled Secure Knowledge Management is funded

by AFRL at a level in excess of \$1 million with the expectation that the results will both benefit the Air Force and have commercial potential. The funds are administered by the Wright Brothers Institute, a new community nonprofit organization intended to provide an additional measure of excellence to the Air Force laboratories and Ohio universities. These collaborations are expected to greatly expand, building off the synergy of excellence in industry, government, and the university.

Taft and Samuel both also point to the Genome Research Infrastructure Partnership (GRIP), the larger collaboration surrounding Cincinnati's Genome Institute, as a new model for university researchers working across institutional lines. The GRIP was awarded a \$9-million grant in the first round of Third Frontier funding, which is being used to build a research infrastructure shared by all the partners. Wright State brings significant bioinformatics experience to the partnership, and a share of the grant will be used to expand bioinformatics resources here.

"Technological innovation has improved productivity growth and boosted U.S. long-term economic growth." *

—© 1999 Milken Institute

"States are beginning to see federally funded university research as an engine for economic development," explains Jay Thomas, WSU vice president for research and dean, School of Graduate Studies.

"High-tech firms want access to a trained workforce, close proximity to research institutions, a network of suppliers, access to venture capital, and a good quality of life." *

—© 1999 Milken Institute

"You can have someone start a small company in the community and hire 10 or 25 people. That could be a source of high-tech, high-paying jobs in the community. Or you could have a university professor who aggressively develops a research program that also hires 25 people," Thomas continues.

"It's understood now that university-sponsored research programs are part and parcel of economic development within the community. University research programs create jobs in the same way as more traditional start-ups."

Governor Taft expects the Third Frontier Project to bring additional federal research funds to Ohio, which will provide more research and development jobs. A longer-term benefit will be new Ohio businesses, large and small, creating quality high-tech jobs like Jenny Barger's.

"Every year Wright State graduates a lot of talented people," the governor says. "We want to keep those graduates here at home by ensuring that Ohio remains an excellent place to work." 📍

*** America's High-Tech Economy: Growth, Development, and Risks for Metropolitan Areas**
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Q&A

An Interview with Governor Bob Taft



Q: *A lot of states have launched high-tech development programs. How can Ohio compete with them?*

Taft: We have to make investing in the knowledge economy a priority at the state level. We are already investing \$25–30 million a year in tobacco settlement monies. We're investing \$50 million a year in capital budget monies. We're putting additional general fund dollars into the high-tech economy. The final piece is Issue 1, the bond issue that will be on the ballot November 4. It will generate \$500 million over a 10-year period to complement these other funds. We're talking about a \$1.6 billion commitment over 10 years, that we believe will leverage an additional \$4.5 billion in private sector investment and federal research dollars.

Q: *Beyond the grants, isn't the project also meant to stimulate new ways of working?*

Taft: The state investment will prime the pump, but the initiative also has to come from local institutions from each region in the state. In Dayton, you have companies working together closely with universities. That has to happen in every region of the state.

Q: *You've traveled widely throughout the state to promote research and development. What have you learned about Ohio's capacity for growth in the knowledge economy?*

Taft: I've learned that we have a lot more than people think or know that we have. Part of our challenge is to view ourselves as a state with strong activity and tremendous potential in important areas of the high-tech economy.

We have a lot going on, and we need to promote it very aggressively. We need to promote collaboration among different regions of Ohio, among different research institutions, and between research institutions on the one hand and businesses on the other.

Q: *How do you keep the faith in the future in tough budget times like this?*

Taft: Through this very difficult budget period, we've had almost unanimous support in the General Assembly for Third Frontier Project initiatives. We've been able to preserve the tobacco settlement dollars that are going into biomedical

research. We've been able to preserve our Third Frontier Action Funds, which are general revenues. The legislature has already approved the first two installments of our bricks-and-mortar capital project, which provides dollars for Wright Centers of Innovation. With enactment of the ballot initiative in November, we will have a very strong program in place that will compete favorably with what any other state is doing.

I believe we will see the benefit immediately in the form of additional federal dollars coming into our state, which will provide more R&D jobs. These in and of themselves are high-paying jobs. That's the short-term benefit. The long-term benefit is more innovative and successful employers, large and small, providing good paying jobs for Ohio citizens and keeping our best and brightest college graduates at home. ■



WHILE SOME OF DAYTON'S INVENTING FLIGHT EVENTS HAD CELEBRANTS LOOKING TO THE SKY, A GROUP OF WRIGHT STATE ARCHAEOLOGY STUDENTS WERE LOOKING UNDERGROUND FOR ARTIFACTS CONNECTED TO WHERE IT ALL BEGAN: THE WRIGHT BROTHERS' BICYCLE SHOP.

Pieces of ceramic and glassware; a brass gaslight wall fixture



By *Connie Steele*

Digging Underground



Junior Kevin Tibbs and Senior Nikki Novak hit "pay dirt" when they reached the level from the Wright era.

For more than six weeks, 11 students dug, scraped, scooped, and sweated under a hot summer sun where the Wrights had their sixth bicycle shop from 1897 to 1916 and where they built the historic plane that flew at Kitty Hawk on December 17, 1903.

"This has been an incredible experience," said senior anthropology major Nikki Novak. "Doing this in conjunction with Dayton's Inventing Flight really gets you in the spirit of the celebration. It's been a unique experience."

Located on West Third Street in Dayton's revitalized Wright-Dunbar neighborhood, the dig was a project of WSU's annual summer Field School in Archaeology conducted by professor of anthropology Robert Riordan. With a boost from a \$46,000 grant from the Dayton Aviation Heritage Commission (DAHC), the project's aim was to find artifacts left behind when Henry Ford moved the shop in 1936 to Michigan's Greenfield Village.

But based on the amount of bricks unearthed, it appears that Ford didn't take as much of the shop with him as thought.

"A major surprise is that there is more left of the original structure than we had anticipated," said Riordan. "It could be that only the front façade of the shop was taken, and that the restored shop incorporates bricks from Michigan."

Despite the seven-hour-day, six-day-a-week work schedule, there was only time to dig at predetermined "hot spots," revealed through a magnetic ground survey conducted last spring.

One highlighted spot was a section along the Third Street sidewalk where a limestone block foundation was revealed, as well as brick stoops from a house that predated the shop and was enlarged to encompass the bike shop, a funeral parlor, and later, a florist shop.

Artifacts uncovered early on included a piece of mosaic floor tile, a woman's shoe, pieces of dinner plates, buttons, and a brass gaslight fitting.

The site included a boardwalk alongside the project that allowed onlookers to observe work in progress and talk with WSU public history graduate students Tasha Hairston and Tim Binkley.

"There's been a lot of interest in this," said Hairston. "It's not every day you see an archaeological dig in a city." Besides giving daily updates to tourists, the interpreters talked about the history of the site and showed some of the artifacts found during that day.

Initially, a large amount of the work involved removing top layers of debris and dirt filled in when a furniture store built in the early fifties

was razed in 2001. “Pay dirt” was a layer of “clean” dark soil indicating they had reached the level from the Wright era. That’s where artifacts from the Wrights’ bicycle business began appearing.

These include pieces of bicycle valve stems; a small metal button inscribed with “Kelly Handlebar, Cleveland,” and some wheel spoke ferrules.

They also found a few type slugs from the Wrights’ printing business. “Documents show that when the shop was moved, there was a lot of typesetting equipment from the Wrights’ printing business on the second floor,” said field school supervisor and public history student, Lee Barrett. “While

some were taken to Greenfield, the rest was thrown out on the lot and buried under the fill.”

Anthony Sculimbrene, DAHC executive director, said the project did a lot to generate public interest in the Wright-Dunbar neighborhood and in the Inventing Flight celebration. “We’re very pleased with what Wright State has done here,” he said. “This project turned out to be much different than we expected: we never thought that much of the foundation was left after Henry Ford moved the building. Based on what’s showing up, I can see that we’ve barely scratched the surface with this.”

As for the future of the site, Sculimbrene said the commission is

looking at options to preserve it as one of the attractions in the Wright Dunbar Historical District.

While the overall project was deemed a success, Barrett said some treasures remain undiscovered, such as determining the exact location of the shed where Charlie Taylor built the 1903 flyer’s engine.

“One question we get asked a lot is ‘how can you decide when to stop digging?’ Don’t you wonder if you’re just one inch away from that prize find, from that time capsule that was left behind?” said Barrett. “As an archaeologist, you have to be able to walk away. It’s part of the process. You just hope your training has helped you find the right spots.” ☐

for Aviation History

Professor of anthropology Robert Riordan at the Third Street excavation site



Can a computer be taught to distinguish between normal and abnormal behavior? Researchers at Wright State are working on software that can direct a computer to interpret what it sees in the same way a human would.

Teaching Computers to Think like Humans

Under the umbrella of the Wright Brothers Institute, the project, **Secure Knowledge Management (SKM)**, has received nearly \$1.4 million from the Air Force Research Laboratories with possible additional funding for 2004 and 2005.

As the principal investigator for Task-1 of the SKM project, ITRI will work in collaboration with The Ohio State University, the University of Cincinnati, Kent State University, and the University of Dayton. Nineteen scientists from the five universities will collaborate on 17 projects that have been funded to date.

A computer surveillance system that can improve airport security is one of the SKM projects. Researchers from the SKM team are creating new software that “teaches” a computer to extract behavior and compare it to a database of normal and abnormal behavior. For instance, they’ll program the computer to disregard a person with a briefcase who enters the airport and boards a plane but to send up a red flag if it “observes” an individual with a package wandering between terminals, discarding the package behind a waste can and leaving the airport.

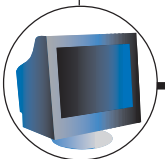
As the computer processes the video images, it will also be taught to compare facial details to a database and alert security personnel to known terrorists. And as recogniz-

able individuals meet and interact with others, they too will become new information for the computer to store and analyze. Infrared and thermal sensors will make it a capable and dependable system at night.

Continuous video monitoring can produce huge amounts of data where data mining techniques are needed to extract the “hidden” knowledge.

“Large amounts of disjointed data originating from multiple sources is worthless to the end user unless the information is retrieved and correlated in useful and meaningful ways,” said Nikolaos Bourbakis, director of ITRI. “The Secure Knowledge Management software gives us a system for taking individual pieces from numerous puzzles and putting them together to make a new picture.

“Researchers working on the Secure Knowledge Management project will create software methodologies for collecting, mining, and associating data, information applicable to a great variety of commercial and government problems such as video surveillance for storage units, art galleries, casinos, parking lots, and convenience stores,” said Bourbakis. “This research will contribute to economic development via information technology companies in the region and throughout the state of Ohio.” ■



That’s one

of the challenges being faced by a group of local engineers tasked with creating new software that will increase our nation’s security.

In the Miami Valley, academia, industry, and government have come together to develop revolutionary technologies that can help make our nation more secure: specifically, software programs that can be used for securing information, mining data for extracting knowledge, and effectively managing large volumes of data. Wright State’s Information Technology Research Institute (ITRI), working as the research arm of the Greater Dayton Information Technology Alliance, put together a proposal that brings fresh, new research ideas that can be commercialized to the region.

The WRIGHT STUFF

By Connie Steele

Requests to access WSU's world-renowned Wright brothers collections soared as the world prepared to celebrate centennial of flight

As the year 2003 comes to a close, things just might start slowing down for the staff in Wright State's Special Collections and Archives.

Then again, maybe not. After all, as holder of one of the world's most complete collections of the Wright brothers' life and work, the archives have drawn aviation researchers, historians, and authors from around the globe since the Wright family donated the collection in 1975.

But as plans to celebrate the 100th anniversary of powered flight began to take off across the nation and the world, the number of requests to access the collection began increasing at an almost exponential rate.

"We started seeing an increase two to three years ago for images and information," said Dawne Dewey, head archivist. "Starting the first of the year, it reached a crescendo and has maintained that level. It's been very, very busy."

Dewey said her staff has fielded requests from all over the world. The collection has been cited as a resource in a plethora of films, documentaries, books, exhibits, magazine and newspaper stories, and television specials about aviation and the Wright brothers. Film crews from Ger-



many and Japan taped segments in the archives, and the collection was tapped by all three major networks, as well as National Geographic Channel, PBS, and the Discovery channel,

Dawne Dewey



Photo: Dan Patterson

which featured commentary by Dewey on a special that aired September 19.

Even the National Park Service, the National Air and Space Museum, the Seattle Museum of Flight, the U.S. Postal Service, the Dayton International Air Show, and Dayton's very own Inventing Flight requisitioned the archives. In addition, staff members were in great demand to speak at community and school groups around the state, as well as in North Carolina and Philadelphia. In 2001, Dewey was invited to display several artifacts from the collection at the Paris Air Show.

"We also received a lot of oddball requests," added Dewey, "such as 'what was the name of the Wrights' St. Bernard?' and 'where did they buy the muslin that covered the 1903 flyer?'"

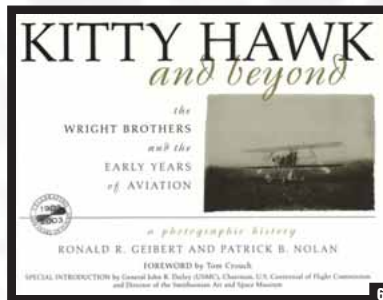
The Wright Brothers Collection serves as a nucleus of a rich collection of manuscripts, books, and journals about aviation history.

And for those who are wondering: the dog's name was "Scipio" and the store was Rike's. ■

INVENTING

Wright State Celebrates

Perhaps nowhere was it more appropriate to celebrate the invention of powered flight than at a university named after its inventors and located just down the road from where they conducted their early flight experiments. Following are just some of Wright State-sponsored events, programs, and festivities marking an event that changed the course of humankind.



1. *The Song of Flight*, a free community concert at Dayton's Masonic Lodge, was presented by the music departments of Wright State University and the University of Dayton.

2. President Goldenberg accepted the historic first flight photo from astronaut Jerry Ross, who carried it on the Space Shuttle Atlantis.

3. The First Flight Federal Advisory Board and the U.S. Centennial of Flight Commission held their first joint meeting last fall at Wright State University. Among the attendees were Neil Armstrong (back row, left) and John Glenn (front row, left).

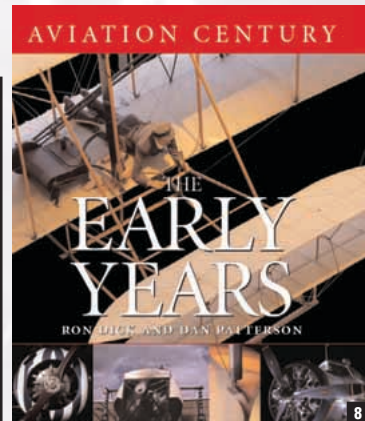
4. The WSU Wind Symphony premiered *Man Flies*, composed by WSU professor Leland Bland, and directed by David Booth.

5. University Art Galleries spring exhibit of early flying machines by French artist Jacques Henri Lartigue.

6. The book *Kitty Hawk and Beyond*, coauthored by Ronald R. Geibert, professor of art, was updated and re-released.

7. The Third Annual International Symposium for Aviation Photographers: Wilbur Wright flying the Wright Model A Flyer in Pau, France, 1909 (WSU Archives)

8. "Aviation in Art & Culture" symposium featured WSU alumnus Dan Patterson and a book series he is co-authoring, *Aviation Century*.



FLIGHT



Wearable balloon art

WSU Fetes Alumni and Friends for Dayton's Grand Kickoff

On July 3, Wright State hosted more than 1,500 alumni-donors, and friends at the university's Kettering Center for a cookout.

Located directly across from RiverScape in downtown Dayton, the center provided a prime location for families to enjoy the Inventing Flight activities and Independence Day fireworks show.

"There were many alumni and friends at the event who were delighted to rediscover WSU's presence in the heart of downtown Dayton," said Shari Lewis, director of Corporate and Foundation Relations. "This event helped us to strengthen that presence and show our support for the centennial celebration of flight—one of the most significant events in Dayton's history." □

President Goldenberg, Representative Chris Widener, and Senator Steve Austria



A view of downtown's RiverScape and Dayton's Inventing Flight celebration from the top of WSU's Kettering Center.



Ken Oberheu, Senator Jeff Jacobson, Marilee Oberheu, and Susan Williams



Fred and Judy Weber enjoy ice cream donated by alumnus Dan Young.



Clowns and face paint



Food for the revelers

*Wright State takes
the stage at
Dayton's newest
performing arts venue*



The sights and sounds of more than 200 Wright State University singers, dancers, filmmakers, and artists filled the Benjamin and Marian Schuster Performing Arts Center last June, part of an inaugural season of downtown Dayton's newest performing arts venue. The show kicked off to a sold-out house with a major Broadway review featuring songs by distinguished alumni from New York and Los Angeles, including Ann Van Cleave, star of Broadway's *Ragtime*, Nicole Scherzinger, lead singer for the hit singing group *Eden's Crush*, and leading stage performer, Jay Pierce.



Shining at the





President Kim Goldenberg made a presentation to **Benjamin and Marian Schuster** in appreciation for their contributions to the arts.

With music from *Miss Saigon*, *Oklahoma!*, *Les Miserables*, and *Cabaret* to breathtaking tap sequences from *42nd Street*, the evening was hailed as a landmark event for WSU arts in the Miami Valley.



The *Dayton Daily News* reported that the performers “can hold the biggest stage in town.”

The evening concluded with the stirring *America, the Beautiful*, arranged by Carmen Dragon, performed by the WSU Wind Symphony and sung by more than 200 voices, including the WSU Combined Choirs.

Those with a penchant for the visual arts were delighted with student artists drawing, painting, and sculpting as patrons watched. Motion pictures majors presented clips from recent productions.

According to Mitch Singer, a major supporter and benefactor in the restoration of WSU’s Festival Playhouse renovation, “This is the best I’ve seen in Dayton.”

ON THE HORIZON

Wright State's New Strategic Plan Aims to Expand the University's Role In and Beyond the Region

The 2002–2003 academic year is in full swing. The campus is capping off its centennial of flight celebration. The university's first capital campaign has garnered overwhelming public support. It couldn't be a better time, says President Kim Goldenberg, to implement a new five-year strategic plan approved by the Board of Trustees last June.

"Our plan represents the ideas of wonderfully talented faculty, staff, and students, with input from distinguished alumni and community," said Goldenberg, who initially set the broad goals, future direction, and process for the plan.

The strategic planning process began only last fall.

Robert J. Sweeney, professor of finance and financial services, chaired the committee, collaborating with Jacqueline McMillan, executive assistant to the president and secretary to the WSU Board of Trustees. The charge from President Goldenberg was to assemble a committee representative of the campus and craft a plan to the trustees by the June meeting.

"It was important to involve everyone in the campus community," said Sweeney. "The input we received from focus groups and forums held on the Dayton and Lake campuses ensured that everyone had the opportunity to be heard. We appreciate the hard work and effort of all those involved."

On board to lead implementation of the plan is WSU's new provost, David Hopkins. "I am really impressed with the time frame in which the strategic plan was accomplished and the overall support for it," added Hopkins. "I've been involved in planning at other institutions and it can take several years to accomplish what was accomplished here in just nine months."

"Dr. Robert Sweeney provided outstanding leadership of the planning committee and will continue to assist the new provost," added Goldenberg.

The plan serves as a blueprint for implementing three overarching goals: recruiting and retaining a diverse student body; expanding partnerships regionally and globally; and focusing on emerging areas of need with government, business, and nonprofits.

"The future of higher education lies in our ability to build mutually beneficial partnerships," said Hopkins. "As we implement our plan, we will continue to reach out in very creative ways to serve our students and communities."

Alumni will also play an important role in the university's outreach efforts, Hopkins added. "The message is that alumni benefit from what Wright State is doing."

Sweeney explained that expanding partnerships means more than Wright State's going out into the community: "it's inviting the community onto campus, to be part of the evolution."

Citing examples such as using more community and business experts to team teach and offering more service learning projects for students, Sweeney explained, "It's responding and evolving to compete in the marketplace of the future—to the changes in technology, the needs of our students, and fiscal responsibilities."

David Hopkins, Jacqueline McMillan, and Robert Sweeney discuss strategies to implement WSU's new strategic plan.



WRIGHT STATE'S FIVE-YEAR STRATEGIC PLAN

Role in the World

- Serve students from a diverse cross-section of the population;
- Perform research and scholarship that address societal needs;
- Engage in community outreach that improves quality of life.

Future Direction

- Expand Wright State's role in and beyond our region

Strategic Goals

- Enhance Wright State's distinctive learning experience to recruit and retain a diversity of students from the region and beyond.
- Expand partnerships through external funding and collaborative scholarship both regionally and globally.
- Extend engagement with government, business, and nonprofits to focus on emerging areas of need.

During the initial planning stage last year, campus units and academic departments proposed objectives to support the plan's three goals. Sweeney said the campus's enthusiastic response to the process stems from several factors, including a spirit of teamwork and a focus on the university's strengths.

Although Sweeney and McMillan will remain members of the committee, Hopkins will lead the group to set action steps during this next implementation phase.

"Having the provost lead the efforts during this stage is the natural evolution in our planning process. Decisions for allocating resources and prioritizing action steps must be done at the highest level. I'm looking forward to working with Dr. Hopkins. He brings a lot of experience to the table," said Sweeney. ☐

New WSU Provost

The more WSU's new provost and chief academic officer, David Hopkins, learns his way around campus, the more he finds to like. "The atrium in the library is wonderful," he says, "Looking up at the full-scale replica of the Wright brothers' flyer that hangs from the ceiling is certainly inspiring."



David Hopkins

But it's more than the campus's physical attributes that he admires: it's a "can do" spirit that pervades throughout the faculty, staff, and students.

"I've worked at older institutions where traditions are difficult to change or question," says Hopkins, who came on board July 1. "But there is a sense here that we can try new things."

In fact, empowering people to reach their potential has been the hallmark of his leadership style throughout his 27 years in higher education: as a teacher, department chair, college dean, and top-level administrator.

Hopkins comes to Wright State from Indiana State University, where he was senior associate vice president of academic affairs. He replaces Perry Moore, who was promoted to senior vice president and is currently executive-in-residence on the senior staff of the Ohio Board of Regents.

At Indiana, Hopkins led the development of a proposal that garnered \$20 million from the Lilly Endowment for the College of Business. He worked for nine years in the provost's office, including a position as interim provost. He developed numerous programs for faculty and staff development and student learning, including a comprehensive program designed to help students adjust to college.

Hopkins earned a doctorate in physical education with research expertise in exercise physiology at Indiana University. He is the inventor of ACUFLEX instruments, which are used worldwide to evaluate joint flexibility.

According to President Kim Goldenberg, "Dr. Hopkins seeks to involve others in decision making, and his leadership philosophy is based strongly on ethical and caring behavior. He is known for enhancing the personal growth of people, while improving the quality of an institution."

Added Hopkins, "I believe you aspire to lead because it enables you to serve more people in greater ways." ☐





By Judi Engle

At Exam Room #8, second-year medical student Nikole Scalera quickly reviews the patient's chart: Betsy Belyak, new patient, normal vital signs, severe abdominal pain episodes. As Nikole flips the "in use" flag and knocks at the door, Betsy a.k.a. Daniels sets the 20-minute timer. In that set time, Nikole must establish rapport with her patient, obtain her social, medical, and family history, complete a relevant physical exam, and determine a possible diagnosis. In other words, she must function just like a doctor.

Betsy Daniels is a simulated patient, a highly trained individual who portrays a case and also evaluates the student's efforts. Betsy has been given a social, medical, and family history and an "ailment." She has meticulously rehearsed her role to ensure that her responses lead to an appropriate diagnosis.

Almost 15 minutes into the encounter, Nikole asks Betsy to move to the exam table and to "untuck her shirt." Nikole explains that she is listening for "normal bowel sounds" as she places a hand-warmed stethoscope on Betsy's abdomen. Nikole goes on to check for tenderness, abnormal masses, and liver size—until the buzzer goes off.

At this point, Betsy Belyak transforms into Betsy Daniels and



Medical student Nikole Scalera and simulated patient Betsy Daniels

"SIMULATED PATIENTS MUST KNOW THEIR ROLES SO WELL THEY CAN BE GENUINE AND INTERACTIVE WHILE PART OF THEIR BRAIN REMAINS AN OBSERVER."

— JEROME BORCHERS
SIMULATED PATIENT TRAINER

both Betsy and Nikole fill out short questionnaires. Nikole must indicate she learned about Betsy's heart attack two years ago and her current medications. She needs to describe the presenting complaint and list appropriate tests to confirm a diagnosis.

Betsy notes that Nikole introduced herself, washed her hands, and checked her abdomen but ran out of

time before the lungs and heart exam. Betsy also ranks Nikole's communication skills and gives her feedback from a patient's perspective. In a wrap-up session, Nikole discusses her findings and experience with S. Bruce Binder, clinical curriculum coordinator for the School of Medicine who developed the program.

Simulated patients, from the ages of 12–75 and all walks of life, present four different cases to first-year students and 15 different cases to second-year students. "The key for the simulated patient is that they know the role so well they can be genuine and interactive while part of the brain remains an observer," says Jerome Borchers, who trains more than 80 simulated patients a year.

Betsy has been a simulated patient for three years. "I felt that I could make a difference by helping students think about the 'why' issue," she says. "I feel as a patient, and then as a teacher afterwards, I can give students information that they may not hear in any other setting."

The simulated patient program was established in 1980 in the School of Medicine. Today, the program is in the Skills Assessment Training Center, which offers its services to other clinical training programs. "The program is designed to be a safe place to learn, to grow, and to build confidence," says Binder. "The program is compassionate." ■

From WSU softball to the White House to a Military Sealift Command:

ALUMNA'S LIFE AND CAREER MARKED BY

F I R S T S

By Micah Siegal

Landlocked Springfield, Ohio, might seem like an unlikely birthplace for someone whose career revolves around water. But that never stopped the course of Rear Admiral Deborah Loewer's ('76 B.S.) illustrious Navy career, including being the first woman war-trained admiral and first woman vice commander of the Navy's Military Sealift Command (MSC).

In addition to her rise through the ranks at sea, some of Admiral Loewer's greatest career challenges have occurred landside. On September 11, 2001, the Wright State graduate had the duty of being the first to inform President Bush of an attack on the World Trade Center. At the time, Loewer was Situation Room director in the West Wing of the White House, a fast-paced, 24/7 job she held for two years.

"My team's and my mandate was to ensure that President Bush and [National Security Advisor] Condoleezza Rice were always kept abreast of international issues that



President George W. Bush and Rear Admiral Deborah Loewer

affected national security," she explained.

On that fateful day, this duty was put to the test. While part of a presidential motorcade en route to a Sarasota, Fla., elementary school, Loewer received a call from her staff saying an airplane had flown into one of the World Trade Center towers. "Once the motorcade stopped, I ran up to the president and Secretary [Andrew] Card and briefed them both. The president's guidance to me was, 'keep me informed.'" After informing the president, she staffed an impromptu situation room in a vacant classroom with access to cable television and telephones.

As the MSC's vice commander, Loewer is charged with organizing the movement of tons of equipment, food, and fuel to soldiers and sailors alike across the globe. She describes her new position as the "chief operating officer of a 126-ship, \$2.4 billion shipping operation."

Loewer's 27-year military career began right after she graduated from Wright State with a degree in theo-

retical mathematics and computer science. Along the way, she earned a doctorate in international law from the University of Kiel in Germany, served as military assistant to the Deputy Secretary of Defense and the Secretary of Defense, and commanded the USS Baker and USS Camden.

Despite her success, Loewer hasn't forgotten her past. "Wright State in the '70s was such a positive environment. The professors were always terrific, the graduate assistants were so helpful, and I don't think I would have gone anywhere else...and I really looked around a lot."

Playing for Wright State's first women's softball team in 1973 is her favorite memory from her college days. She earned the nickname "Baby Bat" because of her penchant for bunting, a strategy that caught visiting teams off guard. "I was never that good," Loewer admits, "but I loved getting out and being part of that team environment." ❏

TOMORROW TAKES FLIGHT

The Campaign for Wright State University

BOONSHOFT MAKES NEW DUAL-DEGREE PROGRAM POSSIBLE

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Thanks to a \$2 million gift from Dayton philanthropist Oscar Boonshoft, next year Wright State will launch a new physicians leadership development program. The program, which can be completed in five years, will allow medical students to pursue both a Master of Business Administration degree along with their M.D.

Created by Dr. Richard Schuster, chair of WSU's Division of Health Systems Management, the program will help students develop essential management and leadership skills as well as knowledge of health economics and population-based medicine.

The School of Medicine will use half of the gift to fund program development, and the other half to provide scholarships for select medical students.

In addition to his most recent gift to WSU, Mr. Boonshoft's past generosity led to the creation of the Division of Health Systems Management in 1999 with a

gift of \$2.5 million to endow the Oscar Boonshoft Chair of Health Systems Management, occupied by Dr. Schuster. In recognition of his outstanding philanthropy, in 2000 the Division of Health Systems Management presented Mr. Boonshoft with a traditional School of Medicine "White Coat."

Born and raised in the Bronx in New York City, Mr. Boonshoft received his mechanical engineering degree from Stevens Institute of Technology in New Jersey and joined the Army Air Corps in 1939. Following his military career, Mr. Boonshoft had a successful 30-year career as a project manager, USAF contracting officer and supervisory production engineer at Wright-Patterson Air Force Base. He retired from Wright-Patterson in January 1970. Mr. Boonshoft and his wife Marjorie have supported science and medicine in a number of capacities.

He is a member of the Wright State University Foundation Board of Trustees.

(L-R) Richard Schuster, Chair, Division of Health Systems Management; President Kim Goldenberg; Oscar Boonshoft; and Howard Part, Dean, WSU School of Medicine



ALUMNI PARTICIPATION ON THE RISE

WSU is in the midst of the most ambitious and most successful fundraising effort in its history. Focused primarily on people and programs, the Campaign for Wright State University is driven by and gains momentum from its generous donors and volunteers.

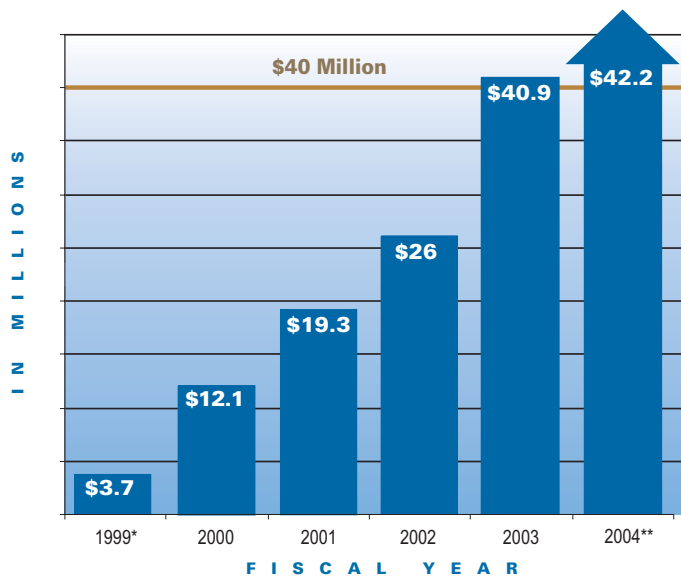
Last October, WSU alumni from throughout the country were asked to answer the call to the National Alumni Challenge by making a gift to the Campaign for Wright State University. And answer, they did!

By September 1, 2003, 14.5 percent of Wright State alumni had already made a commitment to the university's first-ever campaign, resulting in more than \$3.2 million in gifts. Leading this important alumni effort is Ron Amos ('76 B.S.B.; '84 M.B.A.), Gail Littlejohn ('76 M.S.), and a national team of nearly 50 alumni donor-volunteers.

"Frequently I hear alumni remark that they wouldn't be where they are today without Wright State," said Susan Smith, executive director of Alumni Relations. "Through this campaign, we are trying to ensure that Wright State continues to be a place that opens doors of opportunity and achievement to people of all means and backgrounds."

Haven't yet made a campaign gift? There's still time to join the thousands of alumni who are making a difference at WSU by including your gift in the enclosed envelope.

CAMPAIGN COMMITMENTS SOAR



* Includes only gifts made between April 1, when the campaign started, and June 30, the end of the fiscal year.

** As of September 1, 2003

VECTREN SUPPORTS LITERACY IN DAYTON

On August 7, Stephen P. Bramlage, president of Vectren Energy Delivery of Ohio, vowed to help improve the reading skills of Dayton Public School students through a \$10,000 check to Wright State's Urban Literacy Institute (ULI). Vectren supplies natural gas to residential and business customers in west-central Ohio.

A partnership between WSU's College of Education and Human Services and Dayton Public Schools, ULI just completed the second of a four-year pilot program for children in grades K through 4.

The program is seeing encouraging results. For the 2001-2002 statewide Fourth Grade Proficiency test, Dayton Public Schools saw a double-digit increase over the preceding year.



From left: Marcia Muller, vice president for University Advancement; Stephen P. Bramlage, president of the Vectren Corporation; WSU President Kim Goldenberg, and Steve Hansell, professor and chair of the Department of Teacher Education.

Campus Scholarship Campaign Sees Record Success

For more than a quarter of a century, WSU faculty, staff, and retirees have furthered the mission of Wright State by contributing not only their time, but also their valuable resources. This year alone, over 800 members of the WSU family contributed an unprecedented \$225,000 to the Campus Scholarship and Innovation Campaign (CSIC)—a \$30,000 increase over last year.

The success of this and past annual campus campaigns sets a strong foundation for the university to launch the Family Phase of the Tomorrow Takes Flight Campaign in October 2003.

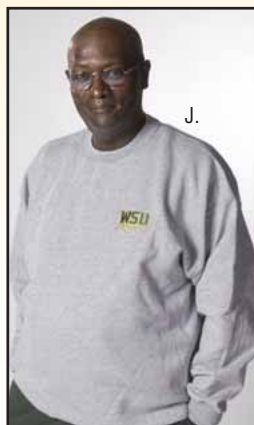
Spearheading the Family Phase will be a committee of volunteers comprising each representative group.

Super Models

Thanks to all the folks who modeled our new line of merchandise! Their names are included here for any modeling agencies.



Student Alumni Association member Laura DeStephen, junior WSUAA member Kim Group, '78, '88 Assistant director, Bolinga Center, and WSUAA member Corey Leftridge, '97 WSUAA Board member Eric Sedwick, '95



◀ Head Tennis Coach Herb Foster



Women's head basketball coach, Bridgett Bonds Williams
Men's head basketball coach, Paul Biancardi



A. Men's Denim Shirt

100% cotton, pocket, button-down collar, adjustable cuff and back pleat.; XS-4XL; Faded Denim; \$34.00

B. Women's Denim Shirt

100% cotton, pocket, button-down collar, adjustable cuff and back pleat; XS-2XL; Faded Denim; \$34.00

C. Youth Denim Shirt (Not shown)

100% cotton, double stitching throughout, pocket, button-down collar, horn tone buttons tuck-in tails; S(6-8), M(10-12), L(14-16), XL(18-20); Faded Denim; \$33.00

D. Raincoat

Storm flap, adjustable cuffs and Velcro closures, hood with drawcord, zip-close exterior pockets, interior, mesh nylon lining; XS-4XL; Goldenrod, Hunter, Natural; \$39.00

E. Men's Twill Shirt

Full cut, pocket, button down collar, double back yoke, adjustable cuffs; XS-4XL; White, Hunter, Yellow, Tan, Black \$34.00

F. Women's Twill Shirt

Pleated back; S-4XL; White, Hunter, Yellow, Tan, Black; \$34.00

G. Windshirt

Fully lined, side pockets, rib knit collar, cuffs and waistband, water repellent; XS-4XL; Hunter, Black, Khaki; \$45.00

H. Men's Solid Knit Shirt

100% cotton, wood tone buttons, extended tail; S-3XL; Black, Chino Khaki, Pine Gray, White, Butter Yellow; \$29.00

I. Women's Solid Knit Shirt

100% cotton, pearlized buttons, double needle bottom hem; S-3XL; White, Butter Yellow, Black, Pine; \$28.00

J. Adult Sweatshirt

50/50 cotton poly, spandex in collar, cuffs and waistband; S-3XL; White, Black, Heather Gray, Forest Green; \$20.00

K. T-Shirt/5180

100% cotton; S-3XL; White, Ash, Black, Forest Green, Gold; \$14.00

L. Fine Twill Hat

Buckram lining in the front enables the cap to retain its original shape when worn; White, Khaki, Hunter, Black; \$11.00



Women's head volleyball coach, Joylyn Tracy '94
Men's head soccer coach, Mike Tracy, '93
Future alumnus, Mattheus Tracy, '23



Head swimming coach
Matt Liddy, '83
Student Alumni Association
member Cari Blanton, senior
Student Alumni Association
member Katie Woods, senior
WSUAA member
Liz Conzo, '00



M. Mock Turtleneck
100% cotton; S-3XL; White, Ash, Heather Gray, Black, Ivy; \$18.00
N. Men's Knit Shirt w/stripe
100% cotton, 3-button placket, side vents, double stitching, cool mesh sport shirt with stripe trim; XS-4XL; Banana, Beige, Gray, Black, White; \$33.00



O. Women's Knit Shirt V-Neck w/stripe
100% cotton, welt neck trim and cuffs, locker patch, side vents and double stitching; S-2X; Banana, Beige, Gray, Black, White: \$31.00
P. Youth Sweatshirt
50/50 cotton fleece, set-in sleeves; XS(2-4), S(6-8), M(10-12), L(14-16), XL(18-20); Green, Gold, Ash Gray, White, Black; \$16.00

Q. Fleece/Nylon Travel Blanket
100% fleece combined w/a protective 100% nylon side to keep you comfortable and dry. Attached elastic strap. Measures 50"x60"; Dark Green, Steel Gray; \$36.00

R. Golf Towel with Hook
Absorbant terry velour with a grommet and hook; Hunter, White, Black; \$9.00

S. Tote Bag
14"w x14 1/2"h x 5 1/2"d; Outside pocket; Cotton twill; Natural/Spruce; \$12.00

T. Brief Case
Polyester, zipper pocket on the front, large nylon pouch with cell phone pocket, mesh zippered pocket and additional storage for pens, notebooks, etc.; Hunter, Black; \$29.00

U. Wolf Head Lapel Pin Gold Tone; \$3.00

2003-2005 ORDER FORM

Ordered by:

Name _____

Address _____

City/State/Zip _____

Daytime phone _____

Ship to: (if different)

Name _____

Address _____

City/State/Zip _____

Daytime phone _____

Item Letter	Description	Color	Size	Quantity	Price Each	Total Price

Method of Payment:

- MasterCard
- VISA
- Check enclosed

Make checks payable to
Wright State University Alumni Association

Card number _____ Expiration date _____

Signature _____

Mail to: Office of Alumni Relations, 108 Allyn Hall, Wright State University,
3640 Col. Glenn Hwy., Dayton, OH 45435-0001

Add \$3 for each clothing item size 2X or larger

Merchandise Total

Ohio residents please add 7% sales tax

Shipping & Handling

Total Amount

\$6.00

CLASS OF 1968

Steven Christian (B.S., '71 M.B.A.) recently completed a one-year term as president of Kappa Beta Delta International Honour Society. The honor society is for two-year programs accredited by the Association of Collegiate Business Schools and Programs. Christian is currently a professor of accountancy and finance at Jackson Community College in Jackson, Michigan.

CLASS OF 1969

Nancy Farnan (B.S.Ed.) is a professor at San Diego State University. She was recently promoted to department chair of teacher education in August 2003.

CLASS OF 1970

Garnett McDonough (B.S.Ed.), retired professor and chairperson of legal assisting, law, and real estate at Sinclair Community College, was recently awarded professor emeritus status at the college's 37th annual commencement. Professor McDonough served as a faculty member of the Business Technologies Division from 1974 through 2002. During her 28-year tenure, she served as acting dean, providing leadership that resulted in the Business Technologies Division earning approval by the Association of Col-



legiate Business Schools and Programs. In 1997 McDonough was named the Innovator of the Year for her work in Web development and training. She also developed the two-year degree program in legal assisting, which was one of the first to gain approval from the Ohio Board of Regents and the American Bar Association. Professor McDonough has provided her time and talents for community service, including serving as president to the League of American Wheelmen, a national organization of cyclists. She has served on the board of the Clark County Library, Springfield Symphony Orchestra, Five Rivers MetroParks, and the state board for public libraries.

CLASS OF 1971

Terry Simonton (B.S.) is retired from Navistar International and was recently promoted to auditor III at the State of Nevada Department of Employment Training and Rehabilitation, Employment Security Division, Las Vegas Field Audit Office.

CLASS OF 1972

Patricia Scott (B.S., '83 M.S.) is an RN/counselor at Mental Health Services of Clark County. She is currently working on a part-time basis, volunteering with Mercy Hospice in Springfield, and is active in Maple Avenue Church of God in Fairborn.

CLASS OF 1975

Raymond Umstead (B.S.) is currently vice president and assistant chief legal officer, Anthem, Inc., and in July of 2001 was listed as a member of the executive officer of Anthem in the acquisition of Blue Cross/Blue Shield of Kansas.

CLASS OF 1976

Dale True (B.S.) owns and works as a financial advisor at True Financial Strategies, an investment management firm in North Carolina. He is also the executive director of Conservation Partners of North Carolina, funding conservation research projects.

CLASS OF 1979

George Soddors (B.A., '83 M.S.), the county auditor for Clark County, was first elected to a four-year term in 1991, and was reelected in 1994, 1998, and 2002.

CLASS OF 1980

Gene Randall (B.A., '83 M.S.) is a self-employed tax preparer. He also serves as a member of Xenia Chamber of Commerce, Greene County YMCA, WGC Golf Course, and Xenia City Traffic Commission.

CLASS OF 1982

Sharon Short (B.A.) recently had a humorous mystery novel, *Death of a Domestic Diva*, published by Avon Books.



The novel launches a new series for Short, which features the character Josie Toadfern, a laundromat owner and stain expert in Paradise, Ohio. Short indicates that her Toadfern novel series is a mix of traditional cozy mystery and gentle social satire. Additionally, Short's humor column, *Sanity Check*, runs every Monday on the cover of the Life section of the *Dayton Daily News*. Short has a Web site at www.sharonshort.com.

CLASS OF 1986

Shawn Eric Jackson (B.A.) is a seventh and eighth grade social studies teacher at Yellow Springs schools, where he also serves as the Yellow Springs Education Association president. Jackson is also a LPDC chairperson, Praxis III assessor and trainer, Pathwise and Ohio First mentor and trainer, WOEI executive committee member, OEA senate district 10 chair, OEA Greene County Uniserve chair, OEA Regional Coordinating Council representative, and Clark County Democratic party central and executive committee member.

Margaret Stooksberry (B.M.) recently graduated with honors from Sinclair Community College with an A.A.S. in mental health technology and a certificate in therapeutic recreational activities.

Wright State athlete Breaks World Swimming Record

Despite her diminutive size, recent Wright State grad Kara Sheridan ('03 B.S.) made a big splash at the 2003 USA Swimming Disability Championships in Minneapolis, Minn., in July, breaking a world record and three U.S. records.

Sheridan set a new world record in the 200M women's breast stroke and new American records in the 50M, 100M, and 200M women's breast stroke with times of 1:08.85, 2:27.57, and 5:09.63. Although she only began daily training for the competition in January, Sheridan began swimming before she learned to walk, as therapy for osteogenesis imperfecta, a condition she suffers from that is commonly known as brittle bone disorder. Classified SB4, Sheridan swims against athletes with disability profiles like hers. Once she lifts her 82-pound frame out of her wheelchair and into the pool, the playing field is leveled.

"Kara probably has one of the best mind-sets of anyone I have ever coached," said Tanya McAdory, assistant director of adapted recreation at Wright State. "To train for this competition, she's had to swim more yards than she has ever swum in her life."

Sheridan, who graduated from Wright State in June with a bachelor's degree in psychology, still works out in the university pool every morning. She trains to keep her muscles conditioned and for a chance to swim for a gold medal. Sheridan will compete next in November's Last Chance Meet in Indianapolis. Named because it gives swimmers a "last chance" to qualify for a national or elite team, winners are guaranteed funding and a slot on the Paralympic team. "My ultimate dream is to compete for the U.S. in the 2004 Paralympics in Athens, Greece," she said.

Running the Minefield Marathon in Afghanistan

On November 29, 2002, at daybreak on a chilly morning at Bagram Air Field in Afghanistan, Chris Kotsko ('86 B.S.) found himself at the starting line of a race that would make history. A sergeant in the Air Force Reserves' 445th Airlift Wing, Kotsko was about to begin the Minefield Marathon, the first-ever marathon in Afghanistan. The event was so named because the course took runners around the base and through active minefields on the perimeter of the compound.

"Land mines are everywhere in Afghanistan," said Kotsko. In fact, many of the patients he cared for as a medic were casualties of land mines, including children.

Reports claim that land mines left over from Afghanistan's 23 years of war still claim more than 100 victims a month. And, since they come in all shapes and sizes, it's hard to identify them. "Some children pick them up and play ball with them," he said. "Others take them home to use the metal to make jewelry to sell."

Although Kotsko is a health advocate and has previously participated in marathons, this one was extra special in another way. He carried two American flags during the race, each representing a child suffering from cancer. Kotsko is a member of the Leukemia and Lymphoma Society's Team in Training, a nonprofit organization whose mission is to raise funds for research to find a cure for leukemia, lymphoma, Hodgkin's disease, myeloma, and to improve the quality of life of patients and their families. Kotsko committed himself to run the marathon for two cancer-stricken youngsters

from the Dayton and Columbus area. This mission was also important to Kotsko because he was diagnosed with lymphoma in 1998, and has been in remission since 1999.

Upon returning to the United States, Kotsko was invited to be a guest speaker at the Team in Training annual awards breakfast. Prior to his speech, he presented one of the children he represented the American flag he carried during the marathon.

Kotsko works as a Columbus city fireman and lives with his wife and three children. However, he anticipates redeployment in the near future, and states, "To anyone in this business (the reserves), this is a way of life from here on out." He expects to be gone approximately five months in his next deployment, which is usually the norm. He declared, "I will probably miss another Christmas, and my wife isn't too happy about that."



Chris Kotsko in Afghanistan holding flags he later presented to the Leukemia patients he represented in the Minefield Marathon.

Reports claim that land mines left over from Afghanistan's 23 years of war still claim more than 100 victims a month.

Valerie Van Winkle (B.S.) has 18 years of banking experience, and has helped start a successful community bank, Canyon National Bank, in Palm Springs, Calif. Canyon National Bank is owned in part by the Agua Caliente Band of Cahuilla Indians and is one of approximately ten Native American owned banks in the country. She currently heads the Tribal Services division of the bank as vice president. She was also recently installed as the president for the Palm Springs Chamber of Commerce.

CLASS OF 1990

Robert Dils (B.S.B. '96 M.B.A.) is a supervisor at Delphi Inc.

Andy Krieger (B.S.Ed.) was appointed to the position of director of sports and recreation at Paralyzed Veterans of America, located in Washington, D.C. Krieger has been with PVA for almost 10 years, serving as associate director of sports and recreation until his recent promotion.

CLASS OF 1991

Shawn Faulkner (M.Ed., '98 Ed.S.) recently graduated from the University of Toledo with a doctor of philosophy degree in education with a major in curriculum and instruction and a minor in educational psychology.



Faulkner's dissertation was entitled: *The Carnegie Council on Adolescent Development Recommendations for Transforming Middle Level Education: Reported Implementation of Turning Points in Ohio's Public Middle Schools*. Faulkner is currently employed as a Title One/Literacy instructor for the Ohio Department of Rehabilitation and Correction at the Ohio Reformatory for Women in Marysville, Ohio. He is also a certified Praxis III assessor for the Ohio Department of Education.

CLASS OF 1992

Annette Sobel (M.S.), a former national security analyst at Sandia National Laboratories and current director of intelligence for the National Guard Bureau, was recently named New Mexico's director of

Flying High

When Captain Cherish Krutil ('97 BA) was deployed to Oman in December 2002, she had to keep her wits about her, whether it was in the stifling heat of the desert or flying 30,000 feet above it. From staging grounds in Coalition-friendly Qatar and Oman, the captain piloted the mammoth C-130 E-model aircraft.

The Hercules C-130 E is an all-weather, four-engine turbo-prop transport aircraft used by the Air Force to drop paratroopers and equipment into hostile or remote areas. Capable of operating from rough, dirt landing strips, the plane has a crew consisting of a pilot, co-pilot, navigator, flight engineer, loadmaster, and a crew chief.



In the Field: Cherish Krutil with General Tommy Franks (center) and fellow soldier

“We would fly out of our base in Qatar empty and pick up supplies in Kuwait and fly to Iraq,” she reports. “We moved anything and everything—from tents, to toilet paper, to water, and even a couple Humvees once.”

When notified of her deployment to Oman, she believed war wasn't eminent. “I expected to be there 30 days and then come back home!” Hoping the same, her family was more concerned for her safety because they weren't receiving the constant stream of reassuring intelligence she was. She didn't receive her news from just intelligence briefings. “We got a lot of our information from CNN,” the captain explained. “There weren't any TVs in our tents, but the bases had a few.”

Born in Cleveland, Krutil chose Wright State because of its proximity to Wright-Patterson Air Force Base and its recognized ROTC program. After receiving her pilot's training at Vance Air Force Base in 1999, she was stationed at Yakota Air Force Base in Japan, where she flew C9 aircraft. In February, she came back stateside to Pope Air Force Base, where she remains today.

With four more years left before the captain can consider a career change, she's keeping her options open. “I'll definitely join the [Air National] Guard if I decide to leave the Air Force,” she says.

It's good to be home. “I was worried that people back home had forgotten about us. It was good to get home and realize how much support we had.”

—By Micah Siegal

homeland security. Sobel, a medical doctor with expertise in weapons of mass destruction, and a chemical-biological warfare analyst, has been working on homeland security issues for more than a decade. Dr. Sobel is an Army, Air Force, and NASA flight surgeon.

CLASS OF 1993

David Dexter (B.S.M.E.) has been appointed the chairperson of the main committee of the ASPE (American Society of Plumbing Engineers) Plumbing Design Standards Committee, as well as a member of ASPE 15 Working Group, Hot Water Temperature Control Committee.

CLASS OF 1994

Arthur Arnold (M.S.) is the manager of medical operations at Kennedy Space Center. He is a physician certified in aerospace medicine and the 1995 outstanding resident in the Aerospace Medicine Residency Program at Wright State. He also has practiced in the field of diving medicine, treating decompression sickness and other illnesses related to the activity.

Michelle Douglass (M.D.) is currently employed by Fairfield Anesthesia Association, where she became a partner in October 2002.

Chris Royse (B.A., '99 M.Hum.) currently works for Science Applications International Corporation in Alexandria, Virginia, at the Threat Reduction Support Center. He serves as the deputy task leader of the Biological Weapons Proliferation Prevention Support Team. Tasks for the team include providing scientific, engineering, and technical support to the United States government in three areas at former Soviet Union former biological warfare facilities: cooperative biodefense research, security and safety, and dismantlement/conversion. Royse came to Wright State University's Lake Campus in March to speak at a seminar.

CLASS OF 1997

Kathleen Rank (M.Ed.), a fourth grade mathematics teacher at Bennett Intermediate School in Piqua, was recently one of four Ohio teachers among 170 educators throughout the country who were

honored on March 21, 2003, in Washington D.C. during the annual awards ceremony for the 2002 Presidential Awards for Excellence in Mathematics and Science Teaching.

CLASS OF 1998

Joshua Smith (B.S.) recently received his commission as a naval officer after completing Officer Candidate School at Naval Aviation Schools Command, Naval Air Station, in Pensacola, Florida. Joshua received specialized training on subjects including navigation, ship handling, engineering, naval warfare, and management. He also completed an intense physical fitness program and received leadership training and instruction on the importance of the Navy's core values—honor, courage, and commitment.

CLASS OF 2000

Olusegun Daniels (B.S.) works as an IT manager at Excel Management Systems.

William Lutz (B.S., '02 M.P.A.) was recently appointed as the first township administrator for Bethel Township in Miami County.

CLASS OF 2001

Caroline Macey (B.F.A.) is a veteran thespian with a degree in musical theater, a Screen Actors Guild card, and credits on several television shows. Most recently, Macey portrayed a 14-year-old girl on a segment of the Lifetime Television for Women program *What Should You Do?* Since moving to Los Angeles last fall, Macey has appeared in several TV shows: *Gilmore Girls*, *Buffy the Vampire Slayer*, *American Dreams*, and *Crossing Jordan*. She had her only speaking role on a *Gilmore Girls* episode that aired in April, and she played a corpse on *Crossing Jordan*. In addition to her small TV parts, Macey has appeared in commercials and works two freelance jobs. Macey made her first film appearance as an extra in the John Goodman feature *Matinee* at the age of 13, and she hopes to become a regular on the big screen.



The Challenge of New Things

During her 15-year career as a Department of Defense employee, Mary Brett, Ph.D. ('82 M.S.) has worked for the Navy, Air Force, Army, and Marines. So it's not surprising that she feels right at home as human resources director of a brand new federal agency charged with protecting all branches of the military from chemical and biological attack.

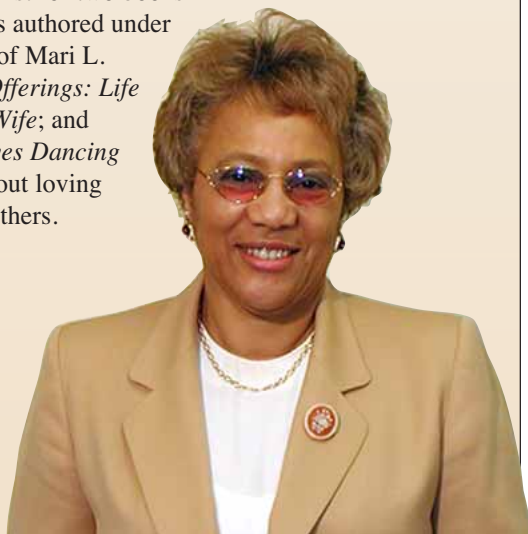
The Joint Program Executive Office for Chemical and Biological Defense (JPEO-CBD) puts under one administrative arm the existing biological and chemical defense programs of each armed service. JPEO-CBD's overarching mission is to research, develop, and acquire chemical and biological defense equipment and medical countermeasures that support the national military strategy, explained Brett.

"In light of the war with Iraq and the threat of weapons of mass destruction by terrorists or rogue nations, it's crucial to increase and strengthen our efforts against chemical and biological warfare," added Brett.

Stationed in Washington, D.C., Brett began her post last June. When up and running at full tilt, JPEO-CBD will include over 400 employees.

Brett's appointment comes on the heels of a 14-month stint as Lead Human Resources Specialist at Camp SD Butler, a marine Base in Okinawa, Japan. While there, she received a letter of commendation for a communications group she started for military couples undergoing marital stress.

Her insight into the inner workings of human emotions provides the grist for two books of poetry she's authored under the pen name of Mari L. Brett: *Sweet Offerings: Life of a Military Wife*; and *Hearts and Eyes Dancing With Love*, about loving yourself and others.



Mary Brett

"In light of the war with Iraq and the threat of weapons of mass destruction by terrorists or rogue nations, it's crucial to increase and strengthen our efforts against chemical and biological warfare."

United Nations Online Volunteer of the Year

Raj Gopal Prasad Kantamneni ('01 M.S.Egr.) was recently honored as one of 10 United Nations Online Volunteer of the Year for 2003 for his work with Freedom from Hunger. The volunteers were singled out for having performed outstanding work for international development organizations around the world through NetAid Online Volunteering (OV), a free service jointly managed by NetAid and United Nations Volunteers.



Raj Gopal Prasad Kantamneni

Prasad began working for Freedom from Hunger, an international nongovernmental organization (NGO), supporting the poor in developing countries with micro-credit and health and nutrition education. He later moved to volunteering as a Web site developer, creating a high-quality professional Web site within the projected time and budget. In addition, he ensured the sustainability of the project within the organization by proposing a site-based maintenance tool to reduce costs, and he is currently training staff members to use this tool.

His new site is ranked highly in search engines, and his online volunteering assignment has reinforced his commitment to start up his own nonprofit to help underdeveloped communities bridge the digital divide.

Prasad stated, "Working with Freedom from Hunger has given me exposure to people and ideas that are making a difference. This exposure has helped me to connect with some very wonderful people, who are in the position to mentor me on the path [to form my own nonprofit]. If anything, my experience has made me realize that my goals are not as hard, or as far away, as they may seem."

The Web site's url is: www.freefromhunger.org.

Prasad recently came on board as a research associate with Wright State's Department of Human Factors Engineering.

CLASS OF 2002

Stephanie Goff (M.B.A.) works as an assistant engineer for the Logan County engineer's office. She recently received her registration as a professional surveyor in the state of Ohio. Stephanie has also received her registration as a professional engineer in the state of Ohio, allowing her to be dual registered.

Kristin Graham (B.A.) recently accepted a job as a full-time Spanish teacher at Kettering Fairmont High School.

Gail Ann McNervey (B.A.) received a M.S.W. in June 2003 from The Ohio State University.

Brandi Miller (B.A.) works as a operations generalist at Sinclair Community College. Miller is still attending Wright State University, seeking an M.B.A. in marketing.

Amanda Schur (B.A.) is currently in her second year of graduate school at Xavier University in Cincinnati, Ohio. She is hoping to graduate with her M.Ed. in school counseling in May 2004. She is currently employed as a supervisor at Kohl's department stores.

Biancardi Begins Work for New Season

By Bob Noss

It was April 4, 2003. Wright State University just announced that former Ohio State University assistant coach Paul Biancardi had been chosen as the head coach of its men's basketball team. The work began.

Biancardi set out to return the Raiders to a winning program through hard work, recruiting, and reaching out to the fans. His mission was clear and he went right to work.

Since that day, he has hired three very capable assistant coaches in Larry Greer, Ed Huckaby, and Brian Donoher. The latter will be known to many from his playing days across town at the University of Dayton as well as through his famous father, Don, who led UD to many memorable wins as its head coach. Biancardi later hired Kyle Getter as director of basketball operations.

Biancardi then went out and signed three star-studded freshmen in Deauntay Scott of Cleveland, DaShaun Lynch of Detroit, and Zakee Boyd of Philadelphia. He also convinced Vova Severovas of the Detroit area to remain in the fold. Severovas, a freshman born in Lithuania, was signed by the previous

staff. He also convinced returning senior Vernard Hollins to stay at WSU for his last season of eligibility.

Hollins, who averaged over 19 points and five rebounds last year, could have left to pursue other options since he officially graduated in June. Also back will be Horizon League first-teamer Seth Doliboa, who averaged over 22 points and 7.5 rebounds last year. They will be teamed with fellow seniors Trent Vaughn, Braden Bushman, and Mark Starkey as well as junior Malcolm Andrews.

Biancardi, a 41-year-old Boston native, did not stop there, signing OSU transfer Zach Williams. Williams, a three-year starter for the Buckeyes, decided to leave Ohio State and follow Biancardi to WSU. According to NCAA rules, he'll sit out the upcoming season and join the team for the 2004–2005 season.

Oh yeah, he also had to finish the schedule, set a recruiting base for the future, and move his wife and two little children to the Dayton area. ☐



Senior Forward Seth Doliboa

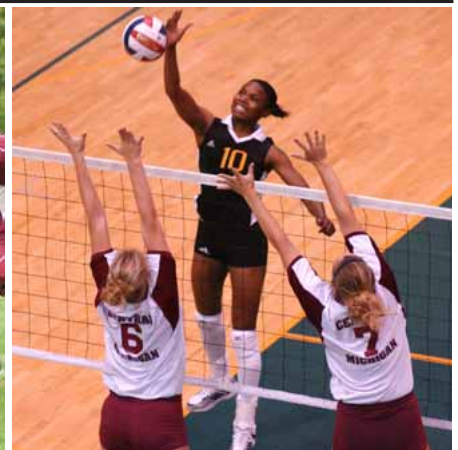
ON THE WEB www.wsuraiders.com



Gallery of Athletes

A sample of stalwarts who are helping lead the Raider sports teams this fall.

Left: Emily Flohre, women's soccer, senior goalkeeper.
Center: Lucas Brewer, men's soccer, sophomore midfielder.
Right: Eboni Kidd, volleyball, senior middle hitter.



Banner Year for Swimming and Diving

As both the men's and women's swimming and diving teams prepare to defend their 2003 Horizon League championships, they received additional recognition from the College Swim Coaches Association of America for their efforts out of the water.

The women's squad posted an overall 3.325 GPA and ranked 24th nationally while the men's team ranked 32nd nationally with a team GPA of 2.898.

Entering his 15th season, Coach Matt Liddy has led the Raiders to eight women's titles and five men's titles, including the 2003 daily double. At the Horizon League meet in Cleveland, Jackie Dexter was named as both the League's Swimmer of the Meet and the Athlete of the Year. She set new Horizon League records in the 50 freestyle and 100 butterfly and was part of the 200 freestyle and medley relay teams that also set new League marks. Overall, Wright State placed first in 10 of 20 events.

On the men's side, freshman Alex Dolgov was named as the League's Newcomer of the Year as he finished second in both the 400 individual medley and 200 breaststroke and was third in the 200 individual medley. Dolgov was also part of the 400 freestyle relay team that placed second. Overall, Wright State was first in four of 20 events.

Finally, Liddy was named as the Horizon League Women's Swimming Coach of the Year. It is his ninth men's, women's, or combined Coach of the Year honor. ■

Women's Basketball Preview

By Matt Zircher

Coming off one of the most successful campaigns in recent history, the Wright State women's basketball looks to build upon that success and add on to it this season.

Last season, the Raiders won 11 games, the most for any WSU team since 1995-96, and the eight Horizon League victories were the most ever for Wright State. The Raiders also achieved their highest standing ever in conference play as they finished fourth.

Head Coach Bridgett Williams, in her third season at the helm, welcomes back five letterwinners, led by a pair of starters in senior forward Iesha Gray and junior forward Angie Ott. Forward Dori Glance is the only other senior on this year's roster and guards Kendra Agee and Rhea Mays comprise the sophomore class.

The Raider roster will have four newcomers, along with freshman Tyanda Hammock, who was redshirted last season. Guard Jeanette Woodberry, like Mays, is a graduate of Detroit's Martin Luther King High School while guard Brittney Whiteside comes to WSU from Mifflin High School in Columbus. Local product Mimi Goodyear, from Waynesville, gives Wright State an inside presence from the center position.



Sophomore Guard Rhea Mays

Wright State will face a challenging schedule during the 2003-2004 season with road games at Ohio State and against cross-town rival Dayton highlighting the slate. The schedule also features dates with area rivals Ohio, Indiana State, Eastern Kentucky, Akron, and IPFW along with 16 games in the Horizon League. ■

Athletic Equity Leader

According to the *Chronicle of Higher Education*, Wright State is in the top one percent in the nation for gender equity in college sports. This reflects the highest percentage of female athletes as a percentage of all athletes among the 327 schools in the NCAA's Division 1 for the 2002-2003 academic year.



2003–2004 Men's Basketball Schedule

2003–2004 Women's Basketball Schedule

November			
9	Sunday	COACHES VS. CANCER (EXHIBITION)	2:00
15	Saturday	EA SPORTS (EXHIBITION)	7:00
25	Tuesday	CEDARVILLE	7:00
29	Saturday	at South Florida	Noon
December			
3	Wednesday	at Morehead State	7:00
6	Saturday	BALL STATE	1:00
11	Thursday	at Miami	7:00
15	Monday	SOUTHERN ILLINOIS	7:00
18	Thursday	at Youngstown State *	7:00
22	Monday	at Toledo	7:00
28	Monday	at Brown	2:00
30	Tuesday	at Akron	7:00
January			
3	Saturday	BUTLER *	7:00
5	Monday	UW-GREEN BAY *	8:15
8	Thursday	at Cleveland State *	7:00
10	Saturday	at Detroit *	4:00
14	Wednesday	TEXAS-PAN AMERICAN	7:00
17	Saturday	at Loyola *	2:00
21	Wednesday	UIC *	7:00
24	Saturday	at Butler *	2:00
27	Tuesday	UW-MILWAUKEE *	7:00
31	Saturday	CLEVELAND STATE *	7:00
February			
4	Wednesday	LOYOLA *	7:00
7	Saturday	at UW-Milwaukee *	2:00
12	Thursday	DETROIT *	7:00
14	Saturday	IPFW	7:00
19	Thursday	YOUNGSTOWN STATE *	7:00
26	Thursday	at UIC *	8:00
28	Saturday	at UW-Green Bay *	8:00
March			
2	Tuesday	Horizon League First Round +	TBA
5	Friday	Horizon League Second Round #	TBA
7	Saturday	Horizon League Semifinals #	TBA
9	Tuesday	Horizon League Championship !	TBA

November			
10	Monday	ATHLETES IN ACTION (EXHIBITION)	7:00
22	Saturday	TENNESSEE STATE	5:00
25	Tuesday	at Ohio	7:00
28	Friday	at Indiana State	7:00
December			
1	Monday	EASTERN KENTUCKY	7:00
4	Thursday	WEST VIRGINIA	7:00
9	Tuesday	at Dayton	5:30
13	Saturday	CENTRAL MICHIGAN	1:00
16	Tuesday	AKRON	7:00
18	Thursday	at Ohio State (St. John's Arena)	7:00
21	Sunday	MOREHEAD STATE	1:00
30	Tuesday	at Butler *	7:00
January			
5	Monday	UW-GREEN BAY *	6:00
8	Thursday	at Cleveland State *	5:00
10	Saturday	at Youngstown State *	5:15
17	Saturday	at UIC *	6:30
19	Monday	DETROIT *	2:00
22	Thursday	UW-MILWAUKEE *	7:00
24	Saturday	at Loyola *	2:00
31	Saturday	BUTLER *	2:00
February			
5	Thursday	at UW-Milwaukee *	8:00
7	Saturday	at UW-Green Bay *	4:00
12	Thursday	YOUNGSTOWN STATE *	6:00
14	Saturday	UIC *	2:00
19	Thursday	at Detroit *	7:00
23	Monday	at IPFW	7:00
26	Thursday	LOYOLA *	7:00
28	Saturday	CLEVELAND STATE *	7:00
March			
2	Tuesday	Horizon League First Round +	TBA
4	Thursday	Horizon League Quarterfinals #	TBA
7	Sunday	Horizon League Semifinals !	TBA
8	Monday	Horizon League Championship !	TBA

HOME GAMES IN BOLD CAPS

All Times Eastern

* Horizon League games
+ Campus Sites

Highest Seed or Butler
! Highest Remaining Seed

HOME GAMES IN BOLD CAPS

All Times Eastern

* Horizon League games
+ Hosted by Eighth Seed

op Four Seeds Host
! Highest Remaining Seed or UWM

Season Ticket Packages

WSU Athletics has announced several attractive season ticket packages for Raider men's hoops fans.

Senior citizens aged 60 and over, along with Wright State Faculty, staff, and alumni will pay \$152.50 for the 15-game package, while children

ages 3–18 can buy a season ticket for only \$105.

A new option for the upcoming season will be the Family Fun Zone. For tickets behind the basket, family season tickets will be sold for \$90 each. A regular 15-game season ticket or renewal will cost \$172—a \$39 savings when compared to

buying single game tickets.

Individual game tickets will go on sale in November and will cost \$15 for adults, \$12 for senior citizens, faculty and staff, \$8 for children, and \$6 for the Family Fun Zone.

For more information, visit www.wsuraiders.com or call the Nutter Center Box Office at (937) 775-4787. ☐

Through my student internships and volunteer experiences, I like to think that I am helping people take the steps to create better lives for themselves.

I came to Wright State knowing that I wanted to make a difference in people's lives—what I didn't expect was that it would make such a difference in mine.

Attending WSU gave me an opportunity to connect with friends and faculty mentors, and provided me with the education, training, and skills to become a professional psychologist.

From my courses on diversity and multiculturalism, to my practicum at a center for domestic violence victims, Wright State has broadened my perspective and understanding of people and the world. This perspective serves me well when I counsel others.

Attending Wright State would not have been possible without the scholarships I received. I hope you will consider making a gift to the Annual Fund this year and provide other students with the opportunity of a world-class Wright State education.

Eunice Kim

*Dr. Scott T. Bowers Memorial Scholar
SOPP First-Year Academic Award Recipient
WSU School of Professional Psychology,
Class of 2004*





On the first weekend of September, the Hunter Green and Gold carpet was rolled out for students moving onto campus. On Friday, over 1,700 new students moved into campus housing in order to participate in First Weekend 2003. The event is part of The First-Year Experience, a program that provides events and activities to help new students successfully begin their college career. Sunday's move-in day was for returning students, with over 1,000 bringing with them all the essentials for college life.



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