

# Community

The Magazine of Wright State University

FALL 1999

VOLUME 5 NO. 1

## WOMEN ON THE FOREFRONT OF ENGINEERING



This fall we celebrate continued innovation at Wright State University. Never before has innovation played a more critical role in our university's efforts in teaching, research, and service. In this issue of *Community* we bring you some fine examples of Wright State's excellence in innovation:

- The university news section highlights the President's Awards for Excellence given to distinguished faculty. (Our next issue will feature staff recipients of the President's Award for Excellence.)
- The cover story describes the innovative research of three WSU women engineers.

- A feature story explains the new online RN-BSN completion program.
- The development news section reports on a record-breaking year, including the establishment of three endowed chairs.
- Another story features our exciting campus housing options.



Excellence in innovation embodies the spirit of Wright State University. Please share in our celebration of the success of our university.

*Kim Goldenberg*

Kim Goldenberg, President  
Wright State University

# FALL FACTS

## Enrollment

Total Fall 1999	15,702
Main Campus	14,781
Lake Campus	951

Undergraduates 77%

Graduate students 23%

Full time 69%

Women 57%

Minority students 16.8%

Number living in campus housing 2,351

Number of degrees granted during 1998-99 2,706

Average undergraduate GPA 2.842

Average Age  
Undergraduate 23.5  
Graduate 32.9

Percentage of students from Montgomery, Greene, Clark, and Miami Counties 55%





# Community

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VOLUME V NO. 1

## C O V E R S T O R Y

### 10 WSU'S WOMEN ENGINEERS—MAKING THEIR MARK

In society at large, engineering has tended to attract women and minorities in disproportionately small numbers. At Wright State, an innovative precollege program, a new scholarship for women, and the research of Jennie Gallimore, Sharmila Mukhopadhyay, and Karen Tomko are putting women at the forefront of engineering.

## F E A T U R E S

### 9 NURSING DEGREE GOES ONLINE

Putting in long hours on the job, taking the kids to soccer practice, putting dinner on the table. Today's typical registered nurse doesn't have time to go back to school to earn that B.S.N. degree. Thanks to a \$1.125 million grant from the Department of Health and Human Services, WSU's College of Nursing and Health is offering a program that will enable registered nurses to complete their degree any time, day or night.

### 14 BELA'S GARDEN

Associate professor of social work Bela Bognar is raising vegetables and seed money to establish a scholarship for WSU students of Hungarian descent.

### 15 THIS IS LIVING!

Microwave ovens, computer networking, washers and dryers—campus living has come a long way since Hamilton Hall was the only choice for students living on campus during the 1970s. Today, a thriving living/learning community offers a variety of living options to suit the needs of a diverse student body.

## D E P A R T M E N T S

### 2 UNIVERSITY NEWS

### 7 DEVELOPMENT NEWS

### 18 ALUMNI ASSOCIATION NEWS

### 22 A PEOPLE'S JUDGE

Opportunities were few and far between for James Cannon when he was growing up in southern Ohio during the 1930s. But Cannon beat the odds. Today he is capping off the second of two successful careers, the latest as a "people's judge" for the city of Dayton's Municipal Court.

### 24 ALUMNOTES

### 30 ATHLETICS



# President's Awards for EXCELLENCE

**DIGITAL only**



**PRESIDENT'S AWARD FOR FACULTY EXCELLENCE IN TEACHING**

**MARGARET CLARK GRAHAM**  
College of Nursing and Health

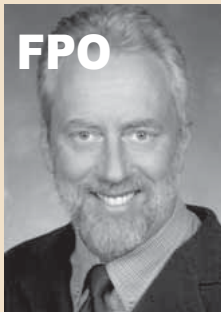
**FPO**



**PRESIDENT'S AWARD FOR EXCELLENCE IN SERVICE**

**SUSAN PRAEGER**  
College of Nursing and Health

**FPO**



**PRESIDENT'S AWARD FOR FACULTY EXCELLENCE IN RESEARCH**

**MARTIN MANER**  
Department of English

**FPO**



**BRAGE GOLDING DISTINGUISHED PROFESSOR OF RESEARCH**

**JOHN BULLOCK**  
Department of Ophthalmology

**FPO**



## Other Faculty Awards

**Roger Brucker**, Department of Marketing, was honored by having a new \$1,000 annual scholarship named after him by OIA/LONG Communications, Inc.

**Bonnie Mathies**, College of Education and Human Services, received a 1999 award for Innovative Excellence in Teaching, Learning and Technology, presented in Jacksonville, FL, by the Center for Advancement of Teaching and Learning.

**Carol Holdcraft**, College of Nursing and Health, was named the 1999 recipient of the Leadership Award from the Zeta Phi Chapter of Sigma Theta Tau International Honor Society of Nursing.

**Joseph A. Petrick**, Department of Management, has been appointed to the 1999 Board of Examiners for the Malcolm Baldrige National Quality Award, the highest level of national recognition of performance excellence for a U.S. organization, by the director of the National Institute of Standards and Technology in the U.S. Department of Commerce.

**Margaret Clark Graham**, College of Nursing and Health, has been named "Nurse of the Year" by District 10 of the Ohio Nurses Association.

◀ **Wright State President Kim Goldenberg bestows the Outstanding Faculty Member Award to Jerald Kay**, Department of Psychiatry, during the 1999 Convocation on September 14 in the Student Union Atrium. The President's Awards for Excellence are awarded annually to faculty for their outstanding contributions in teaching, research, and professional service. These "Three Legs of the Stool" awards represent the values that uphold Wright State University's mission.

(See the next issue of *Community* for the staff recipients of the President's Award for Excellence.)

## Archaeology Students Unearth New Clue to Hopewell Indian Culture

**T**wo decades of digging has paid off. Robert Riordan, associate professor of anthropology, and 13 students enrolled in Wright State's field school in archaeology made a significant discovery this summer while excavating the remnants of a Hopewell Indian culture at Indian Mound Reserve in Greene County.

While sifting through hundreds of artifacts in a group of hilltop enclosures and rock shelters known as the Pollock Works, the students uncovered a limestone entrance leading into the enclosures. The discovery of such an unusual and complex structure brings to light new information about the intended use of the prehistoric earthworks.

The new finding reinforces evidence gathered by Riordan and his students that the hilltop enclosures were centers of military

and ceremonial activity for the Hopewell. "Constructing a pathway like this would have required considerable effort," said Riordan. Many of the large limestone rocks weigh up to 160 pounds and were most likely dragged by the Hopewells from nearby Massies Creek," he said. "This formal entrance held considerable meaning in their culture."

Wright State's field school in archaeology is the longest-running and continuously offered course in field archaeology in Ohio. Since 1981 archaeology students have been digging for clues to piece together a society that flourished in southern Ohio more than 2,000 years ago. As they extract and catalogue artifacts from the dig site, students are trained in archaeological techniques while learning about Ohio's prehistoric past.



## Madrigal Dinner

**Y**ou are hereby invited by our royal Lord and Lady to experience the laughter and song of a medieval holiday. Take one evening away from the bustle of the season to feast amongst royalty and close the year in grand fashion.

The 1999 Madrigal Dinner will be served in the Student Union Multipurpose Room, Dec. 8-12.

Tickets are available from the Student Union Box Office or by phone, 775-5544. Additional information can be found at [www.wright.edu/studsvcs/union/boxoffice/mad.html](http://www.wright.edu/studsvcs/union/boxoffice/mad.html)

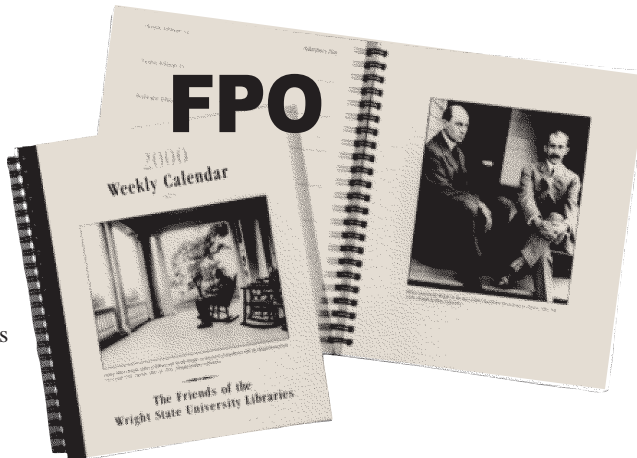
## WSU Offers New Industrial and Systems Engineering Major

**I**ndustrial and systems engineers (ISEs) figure out how to do things better.

Their challenges include distributing products worldwide, streamlining an operating room, or shortening the line for a roller coaster. They save their employers money and at the same time make the workplace better for their fellow workers. WSU's ISE program will train students to design, develop, implement, and improve integrated systems that include people, materials, information, equipment, and energy. Through the cooperative education program, students can combine classroom theory with practical, career-related work experience. Graduates will be able to work in teams and communicate effectively. More and more businesses are hiring ISEs in areas such as sales and marketing, finance, information systems, and personnel. ISEs may also find job opportunities with hospitals, airlines, banks, railroads, and social services. For more information, contact the Department of Biomedical, Industrial and Human Factors Engineering at (937) 775-5044.

## Calendar Opens Window on Dayton's Past

**E**njoy a look back at Dayton history while planning ahead for the new century with a new weekly calendar offered by the Friends of the Wright State University Libraries. Fifty-four historic Dayton photographs from Wright State's Special Collections and Archives features scenes of Dayton's aviation, industrial, social, and cultural past. The calendar sells for \$14.95 plus tax at the Dunbar and Fordham library circulation desks and the University Bookstore. Mail orders are accepted by calling (937) 775-2381. Quantities are limited. All proceeds benefit the Wright State University Libraries.



## Lake Campus Hosts Foreign Language Day

**H**igh school students broadened their understanding of foreign languages and cultures as WSU-Lake Campus hosted Foreign Language Day for the Mercer-Auglaize Foreign Language Alliance on October 22, 1999.

During Foreign Language Day, high school students from Mercer, Auglaize, and

surrounding counties are brought to the Lake Campus to take part in a series of 30- to 40-minute sessions involving a brief creative activity that incorporates language and culture.

Activities range from playing Twister in five languages to students' learning to write their name in the script of another language.



AROUND CAMPUS



FPO

◀ **Gretna Campbell Retrospective**—40 landscape paintings from the estate of the artist were displayed in the University Art Galleries. (Sept. 15–Oct. 17)

**Nobel Laureate Physics Lecture**—Norman Ramsey spoke on “The History of Atomic and Molecular Beams.” Co-hosted by the Department of Physics and Air Force Institute of Technology. (Oct. 8–9)

**Welcome Week**—seven days of activities welcoming students to a new academic year. Included sports, music, food, movies, and a series of activities designed to familiarize students with opportunities and services available at Wright State and the surrounding community. (Sept. 15–24) ▶



◀ **“Sister to Sister”**—Seventh Annual African American Women’s Think Tank. A forum for African American women to discuss issues relevant to their lives. The theme for this year’s conference—“A New Attitude for a New Millennium.” Sponsored by Bolinga Cultural Resources Center. (Sept. 18)

**Helping African American Women Beat the Odds**

**A**frican American women are more likely than any other racial or ethnic group to die of breast cancer. Nearly 180,000 total cases will be diagnosed this year. So as National Breast Cancer Awareness Month kicks off in October, Barbara Fowler is doing her best to help these women beat the odds.

An associate professor of nursing, Fowler has been awarded a \$150,000 grant from the Susan G. Komen Breast Cancer Foundation to increase breast cancer screening in a hard-to-reach segment of Dayton’s

COMMUNITY ADVOCATES WILL ENCOURAGE AFRICAN AMERICAN WOMEN TO TAKE ADVANTAGE OF FEDERAL FUNDING FOR FREE SCREENINGS.

population: African American women, aged 50–64, who live in urban neighborhoods and have little or no insurance.

Fowler competed with cancer research organizations and universities across the country for Komen funding. Most of the \$150,000 grant will fund the part-time employment of 40 Dayton-area residents who will work as community advocates through the Center for Healthy Communities. Once trained in ethics and community relations, the advocates will hit the streets of their own neighborhoods, “seeking out African American women everywhere—in their homes and in daycare and community centers,” said Fowler. “The advocates will serve as spokespeople for the mammography resources in their own communities.”

Mammography screening can identify abnormalities before physical symptoms develop, increasing survival and treatment options. Regular mammograms have been shown to reduce breast cancer mortality by at least 30 percent in the age group targeted by Fowler’s program. The community advocates will encourage African American women to take advantage of federal funding for free screening made available in Ohio in 1993.

“Overcoming women’s fears is the key to getting them in for mammograms,” said Fowler, “and early prevention is the key to eradicating breast cancer.”



## ARTS CALENDAR

To order tickets, contact the Theatre Arts Box Office at (937)775-2500.

### Theatre Arts

#### ***A Streetcar Named Desire***

Jan. 20–30, 2000

#### ***Romeo & Juliet/America 2000***

Feb. 17–27, 2000

#### ***WSU Dance Ensemble in Concert***

March 10–12, 2000

#### ***A Chorus Line***

May 11–28, 2000



Photo from October's production of *You Can't Take It With You*.

### Department of Music

To order tickets, call the Student Union Box Office at (937) 775-5544.

#### ***Holidays in the Heartland***

Nov. 20–21, 1999  
Shiloh Church

#### ***Three Centuries of American Music***

April 14, 2000  
Masonic Temple

#### ***Opera Theatre—*Iolanthe****

April 28–30, 2000  
WSU Creative Arts Center



#### ***Shostakovich Festival***

May 23, 2000  
WSU Creative Arts Center

### University Art Galleries

#### ***Three Women from Belfast: Herbert, Kelly, and O'Boaill***

Nov. 2–Dec. 5, 1999

#### ***Drawing from Perception III Form and Atmosphere: the Graphic Work of Paul Resika***

Jan. 4–30, 2000

#### ***Nancy Morgan-Barnes and Katherine Schneider***

Feb. 15–March 19, 2000

#### ***Dayton Collects III***

April 4–May 7, 2000

#### ***Senior Student Exhibition***

May 16–June 11, 2000

### Artist Series

To order tickets, call the WSU Box Office at (937) 775-5544.

#### ***Sterling Branton III, tenor***

January 9, 2000  
Creative Arts Center,  
Concert Hall

#### ***"Stand-Up Opera" starring B. J. Ward***

April 7, 2000  
Creative Arts Center,  
Concert Hall

#### ***Nelita True, piano***

May 19, 2000  
Creative Arts Center,  
Concert Hall

## Evidence of Earthquake in Turkey Seen at Lake Campus

Though it was half a world away, sensitive seismographic equipment in a conference room on the Wright State University–Lake Campus picked up waves transmitted from the August 17 earthquake in Turkey.

Kenton Strickland, associate professor of geological sciences, was teaching class when a student told him there had been a major earthquake in Turkey. Strickland monitors the seismograph installed on the Lake Campus this spring by the Ohio Department of Natural Resources (ODNR).

"We couldn't believe the size of the trace," said Strickland of the quake, which measured 7.4 on the Richter scale. "It showed as a very large squiggly line. It was unbelievable."

The Lake Campus seismograph is one of a 14-station network of seismographs installed by the ODNR at universities and government facilities located in the most seismically active areas of the state.

## Lecture Series Examines Hiring Issues

The continuing shortage of qualified workers, and the resulting challenge for employers, was the topic of the first Contemporary Issues in Human Resources lecture for 1999–2000. Sponsored by the Department of Management and Right Management Consultants, the lecture series consists of three quarterly lectures. This year's theme for the series is "Human Resources in the 21st Century: Preparing for the New Millennium." The first lecture took place Oct. 21 in WSU's Student Union Multipurpose Room.

The guest speaker, Jane M. Lommel, Ph.D., a workforce consultant, trainer, and educator with the Hudson Institute in Indianapolis, spoke on "Worker Dearth: The 21st Century Challenge for Human Resource Professionals." Lommel is the author of the *NetWork* series of books on using the Internet in a job search.

For more information about lectures scheduled for winter and spring quarters, call (937) 775-2468 or e-mail [ann.wendt@wright.edu](mailto:ann.wendt@wright.edu).

ON THE WEB [www.wright.edu/news\\_events/](http://www.wright.edu/news_events/)



## Verman Named to Endowed Chair of Judaic Studies

**M**ark Verman has been named Wright State's newly endowed Larry and Leonore Zusman Chair of Judaic Studies. This chair was made possible by a gift from the Zusmans last October.

Verman comes to Wright State from Gustavus Adolphus College in Minnesota where he has been a visiting professor of religion since 1996.

Verman received his Ph.D. in medieval Jewish history and literature from Harvard University in 1984. He holds master's degrees in post-biblical Hebrew literature from Harvard and in medieval studies from the University of Toronto.

He is the author of *The Books of Contemplation: Medieval Jewish Mystical Sources* and *The History and Varieties of Jewish Meditation*.

Mark Verman (left), the new Larry and Leonore Zusman Chair of Judaic Studies, talks with the Zusmans at a reception held in their honor this fall.



## Wright State Grads Named EPA Fellows

**T**wo recent Wright State University graduates are already "stars" in the academic world. Based on their research conducted while graduate students at WSU, Audrey C. Hatch and David C. Sternberg have won three-year fellowships from the U.S. Environmental Protection Agency (EPA) to continue their studies at the doctoral level.

Hatch (97 M.S.) and Sternberg (99 M.S.) were two of only 10 ecology fellowship winners nationwide from over 100 applicants. Wright State was the only university to have more than one winner in the category. The fellowships, worth \$25,000 annually for three years, include a stipend and funding for supplies.



Hatch will continue the research she began at Wright State, studying the causes of deformities in frogs. She and Allen Burton, professor of environmental science and director of the Institute for Environmental Quality, have collaborated on four articles, an outstanding accomplishment for a second-year doctoral student. "Without a doubt she was the best student I ever had," Burton says.

Sternberg's work is equally impressive. "David's been working on the impact of pollution on the genetic diversity of populations," says Dan Krane, assistant professor, biological sciences. This involves collecting crayfish from streams and studying their DNA profiles. The profiles tend to be similar at polluted sites, but different at non-polluted sites.

## MEDIA MENTIONS

- **New dorm** to open this fall at Wright State—WKEF-TV22, Aug. 26
- **\$2.5 million** from National Science Foundation funds Wright State study of human gestures, gazes and speech—*Dayton Daily News*, Aug. 21
- **Julia Reichert**, motion pictures, quoted in story about European premiere of *The Dream Catcher* at Swiss film festival in Locarno—*Dayton Daily News*, Aug. 13
- **Stanley Mohler**, SOM, quoted in stories about JFK Jr.'s death—*Idaho Statesman*, 7/24; *Albany, N.Y. Times Union*, 7/24; *New York Post*, 7/23
- **Cheryl Meyer**, SOPP, quoted in stories about mental health counseling on the Web—*Washington Times*, 7/11; *Chicago Tribune*, 7/8; *Memphis Commercial Appeal*, 6/27; *New Orleans Times-Picayune*, 6/24; *Atlanta Journal and Constitution*, 6/20
- **Mark Marinella**, SOM, quoted in story about craving for tomatoes and iron-deficiency anemia—*Newsday*, 7/6
- **Charles Gulas**, marketing, quoted in story on corporate giving behavior and decision-maker social consciousness—*Journal of Business Ethics*, May issue
- **Greg Bernhardt**, CEHS, quoted in story about partnership with Trotwood-Madison City Schools—*Trotwood Independent*, Sept. 1
- **Wright State** featured in WHIO-TV's Learning Counts campaign to promote education in the Miami Valley—Aug. & Sept



## RECORD YEAR FOR DEVELOPMENT

**T**he generosity and commitment of alumni and friends made fiscal year 1998-99 a record-breaking year in development. Private support for Wright State University reached a new level this past year, contributing a total of \$6,417,828 for student scholarships and university programs.

According to Marcia G. Muller, vice president for University Advancement and president of the WSU Foundation, "Private support is an increasingly important component of excellence in public higher education. State dollars buy maintenance. Philanthropic dollars are needed for preeminence."

Stories on this page reflect highlights from the 1998-99 fundraising year.

### Three Chairs Endowed

**A**cademic excellence at Wright State has been greatly enhanced by the addition of three newly endowed chairs during this past year.

#### Larry and Leonore Zusman

In October of 1998, Larry and Leonore Zusman endowed a Chair of Judaic Studies in the College of Liberal Arts. The chair will foster the study of the Hebrew scriptures, history, and literature and the relationship to other religions. Mark Verman has been named Larry and Leonore Zusman Chair of Judaic Studies (*see article on Dr. Verman in University News section*).

#### Oscar Boonshoft

Oscar Boonshoft, a former project engineer at Wright-Patterson Air Force Base, endowed a chair for Health Systems Management in June of 1999. The Chair will create a new division within the Department of Community Health in the WSU School of Medicine. The new division will strive to promote high-quality and efficient health care for the whole population.

#### The Mead Corporation Foundation

In August, Wright State received notification of a gift of \$1 million from The Mead Corporation Foundation. The gift will help to expand the M.B.A. program in the College of Business and Administration, and endow a chair in environmental sciences in the College of Science and Mathematics.

"This generous gift will enable us to renovate our facility for producing M.B.A.'s, tailored to executives in the evenings and on weekends, and will help attract a scholarly chair in environmental sciences for our already established center of excellence," said Kim Goldenberg, Wright State University president.

WSU's environmental science program is one of 24 accredited programs in the country and has received national research and service grant awards that address public education and assess water and wildlife quality.

"An endowed chair will help Wright State attract a world-renowned scholar with research, teaching, and community service interests in the environmental sciences," said Roger Gilpin, dean of the College of Science and Mathematics.

The renovation of Rike Hall, which houses the College of Business and Administration, includes new Internet-connected classrooms to serve the M.B.A. program and professional development certificate programs.

"We are proud to have The Mead Corporation as a development partner," said Rishi Kumar, dean of the College of Business and Administration. "Mead's support will serve as a catalyst for the development of state-of-the-art classrooms equipped with the technology necessary to provide high-quality graduate and executive business education and professional development programs. Moreover, this partnership strengthens our linkage with Mead, a corporation of tremendous prominence both locally and globally."

### Alumni Giving Average Up 60%

**T**he average gift from WSU alumni went up by 60%, from \$51 in 1997-98 to \$83 this past fiscal year.

Stephanie Smith, director of the Annual Fund, said, "The state of Ohio ranks 40th out of 50 states in providing funds for higher education. To keep tuition within the reach of our students, we rely on private gifts. Alumni support will continue to be increasingly important. We appreciate that our alumni are seeing the need and stepping up to meet the challenge."

In addition, the Alumni Association gave its largest gift ever to WSU this past year: \$500,000 over five years to support WSU programs and organizations.

A portion of this gift has already been used to purchase lights for WSU's soccer field, now named Alumni Field (*see photo in Alumni Association news*).

### CSC Highest Ever

**W**right State faculty and staff contributed over \$142,000 to the Campus Scholarship Campaign in 1998-99. This represents the highest amount ever raised by this annual campaign. Funds from the CSC provide assistance to many areas of need, including student scholarships, academic program support, and student services.



## Parents: Check Your Mailboxes!

**P**lease check your mailboxes in November when this year's Parents Fund officially begins.

Gifts to the Parents Fund are used to support research projects, upgrade equipment throughout campus, and, most importantly, fund student scholarships.

A gift to the Parents Fund impacts not only your child's education but the education of all Wright State students.



Chairing this year's fund is Jerry Stump, a 1975 Wright State alumnus. Jerry saw his son Jeremy graduate two years ago and is looking forward to having another WSU grad in the family—his daughter Elizabeth, a sophomore majoring in elementary education.

"What our children are now experiencing has come as the result of hard work, determination, and their own individual dreams," says Stump. "Now more than ever they deserve our support and encouragement."

Remember to watch your mailboxes for your chance to become a part of this year's Parents Fund. For more information about the Parents Fund, please contact Kirk Winter at (937) 775-4185 or [kirk.winter@wright.edu](mailto:kirk.winter@wright.edu).

Photo by Scott Kissell

### Calling All Alumni!



Wright State University students Lisa Schrock (front) and Kristine Albus contact alumni as part of this year's Annual Fund. Beginning each September, WSU students attempt to reach alumni to raise money for student scholarships and college- and/or school-based programs. According to Lisa, "It is not the easiest job on campus, but I think it is very rewarding to know that the money we raise makes a difference for students."

***Thank you, alumni, for your past and future support!***



For more information about



**WRIGHT STATE**  
UNIVERSITY

**Please send more information about Wright State University**

- |  |  |
|--|--|
| <input type="checkbox"/> Student admission | <input type="checkbox"/> Program _____                                 |
| <input type="checkbox"/> College of _____  | <input type="checkbox"/> Gift opportunities through the WSU Foundation |
| <input type="checkbox"/> School of _____   | <input type="checkbox"/> Alumni Association                            |
|  | <input type="checkbox"/> Other _____                                   |

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

I am an alumnus(a) of WSU: degree/year \_\_\_\_\_

Please return to: **Wright State University, Office of Alumni Relations**  
3640 Colonel Glenn Hwy., Dayton, OH 45435-0001  
1-800-535-0688



After working all day, feeding a family, and getting kids to bed, today's typical registered nurse doesn't have time left for going back to school. But soon, thanks to a \$1.125 million grant from the Department of Health and Human Services, a new Wright State University program will make it possible to complete their baccalaureate degrees in nursing any time or any place, with the aid of their computer.

The Nursing Special Projects Grant provides for the development of "Online Nurses: RN-BSN Program via the Internet," an innovative Web-based instructional program designed by Barbara O'Brien and Alice Renner in the College of Nursing and Health (CONH).

The program will include all 14 of the courses currently taught in the traditional classroom-based RN-BSN completion program. Students in the Web-based program will take two courses per quarter. Clinical work will be completed in the student's home community, under the supervision of local nursing preceptors, with faculty oversight.

"Like other adults holding down a full-time job and meeting family responsibilities, the typical registered nurse finds it difficult to pursue additional education needed for career mobility. However, today's health care industry demands that nurses strengthen their leadership skills and update their technical and scientific knowledge to ensure high-quality patient care," said O'Brien, the principal investigator and RN outreach director. "With the aid of their computer, students will be

By Stephanie James Ely

# NURSING DEGREE GOES ONLINE



Illustration by Theresa Almond

able to access this program any time, any place, making it easier to juggle the demands of home life, child rearing, and employment."

Designed to be a model for Web instruc-

tion, the program will incorporate multimedia, graphics, animation, case studies, on-line discussion groups, and demonstrations via video-streaming to make the program interactive and exciting. Courses will link to the extensive health-related resources available on the Web.

Ali Jafari, director of CyberLab at Indiana University Purdue University Indianapolis, and internationally recognized for his work in Web-based instruction, will serve as consultant to the project. Blue Chip Computers Company in Dayton will provide technical support for the new emerging technologies used in the project.

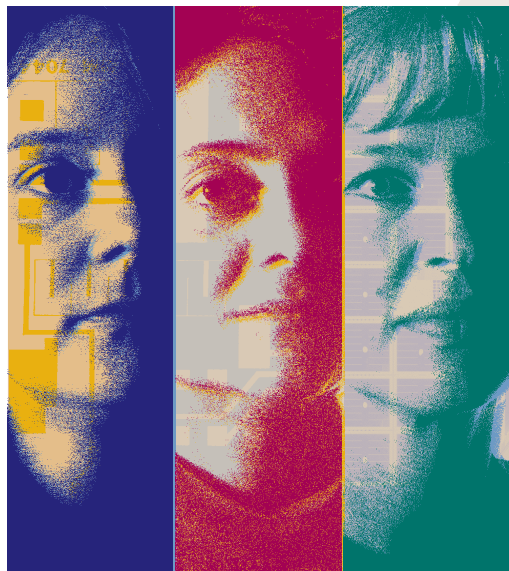
The grant will provide a state-of-the-art distance education opportunity through collaborative efforts between the CONH and University Libraries, which will receive grant funding for additional electronic nursing journals; computing and telecommunication services, which will provide infrastructure for the additional bandwidth necessary; the Center for Teaching

and Learning, which will produce video and graphics for the online courses; the registrar's office; and student services.

For more information, call Barbara O'Brien at (937) 775-2606. ■

Photos by Scott Kissell

# WOMEN IN ENGINEERING



## WRIGHT STATE: CLOSING THE GAP

Opening doors of opportunity for students is something Wright State University has worked hard to do since it opened its own doors over 35 years ago. As Wright State's colleges and programs developed, so also have efforts to recruit students from underrepresented groups in those fields.

One such field is engineering. In society at large, engineering has tended to attract women and minorities in disproportionately small numbers. According to the most recent survey of engineering graduates by the National Science Foundation, male recipients of undergraduate engineering degrees outnumber their female counterparts almost five to one.

"We need to focus on getting girls interested in science and math at a young age," says Karen Tomko, assistant professor of computer science and engineering and advisor for WSU's chapter of Society of Women Engineers.

Wright State is currently trying to close that gap with a precollege program called Wright STEPP. Aimed at minority and female students in junior high and high school, Wright STEPP is a summer program that prepares students to pursue college degrees in engineering, science, and math-related fields. Four-year, full-tuition scholarships to Wright State are awarded to those who successfully complete the program.

Wright STEPP provided the spark that helped attract junior Tameka Thomas to her major of computer engineering.

"Before Wright STEPP, I really didn't know what I wanted to do,"

says Thomas. "I had never seen what engineers or computer scientists did. In Wright STEPP, engineers came and talked to us, and we saw them on the job at places like Delphi and GM. Seeing them on the job and hearing them talk got me interested in engineering."

The success of Wright STEPP, a collaboration with Dayton Public Schools, Wright-Patterson Air Force Base, and local industries, proves how support from the community is crucial. Another partnership helping to close the engineering gender gap is a new scholarship established by Michael A. Di Flora, senior vice president of product/manufacturing engineering for Tecumseh Products Incorporated.

Named in memory of his mother, the Virginia A. Di Flora Memorial Scholarship is a four-year, full-tuition scholarship targeted to an incoming WSU female student who placed in the top 20 percent of her high school class. The endowment will support four students each year.

"The engineering profession needs more women," says Di Flora. "In our culture, women are encouraged to learn at an early age the skills that are essential to be successful engineers and engineering managers—patience, nurturing, organization, and prioritizing."

However, just as important as recruitment programs and financial aid support are the role models who have gone before. Women considering engineering majors at Wright State can look to three faculty members—Jennie Gallimore, Sharmila Mukhopadhyay, and Karen Tomko—whose research is putting them at the forefront of their fields. Here are their stories.



# MAKING THEIR MARK

KAREN TOMKO,  
ASSISTANT PROFESSOR OF COMPUTER SCIENCE AND ENGINEERING

## Winning the Battle Against Time

By *Stephanie Irwin*

Anyone who owns a personal computer can relate to waiting patiently—or impatiently—for it to open a document or access email. Even with the latest-generation processors doubling in speed every 18 months, computer users are still left waiting for their computers to churn and grind through data.

Imagine running a three-dimensional computer simulation with millions of computations on a network of workstations spanning an entire room. The computers churn through so many computations that a simulation can run for months. This causes problems for engineers who use computer applications for three-dimensional modeling and simulations to help them explore new theories as they solve engineering problems. “Engineers must spend their precious time in the intricacies of the computer program, trying to speed up the simulation, when they would rather be focusing on the actual physics of their research problems,” says Karen Tomko, assistant professor of computer science and engineering.

Armed with a laptop, Tomko is winning the battle against time. She is helping scientists at the Computational Sciences Lab at the Air Force Research Laboratory harness the processing power of computers so they can focus their energies on what they do best—researching the airflow near the surface of aircraft.

Tomko is using a process called parallel computing to crunch through these intensive software applications. In parallel computing, the individual CPUs of many computers or workstations are combined to create a sort of mega-CPU. “It is pure synergy,” says Tomko. “My job is to coordinate a hundred people—or processors—effectively so that the problem is solved efficiently.”

Tomko first began her work at the Center for Parallel Computing at the University of Michigan, when she worked with the Ford Motor Company. Tomko and her colleagues applied their combined expertise to reduce the running time of their automotive crash simulations. She developed software tools that made it easier for the engineers to adapt their programs “so that they don’t spend their time in computer programming,” says Tomko. “We helped them expand their capacity to run more simulations—they were able to conduct more comprehensive testing as a result.”

Since arriving at Wright State in 1996, Tomko has brought a new concept to the parallel computing field. Instead of blindly combining many workstations to operate the intensive software applications, Tomko starts with the scientists and their research needs. “I examine their software needs, and

I create software tools for them to achieve the right amount of processing power efficiently,” says Tomko.

Tomko is currently working with Jack Jean, associate professor of computer science and engineering, to explore a cutting-edge method to make parallel processing even more efficient. Together they are investigating using reconfigurable computer chips that will enable scientists to customize the hardware itself for their applications.

“Some day we would like reach the point where we can offer scientists the ability to adapt their hardware with one chip, rather than combining so many workstations, to get performance equal to having a supercomputer in the palm of their hands,” says Tomko. “For now, though, I focus on working with what we have and making it as efficient as I can. But who knows what will happen next?”



SHARMILA MITRA MUKHOPADHYAY,  
ASSISTANT PROFESSOR OF MECHANICAL AND MATERIALS ENGINEERING

## Leading the Materials Revolution

By *Stephanie Irwin*

In her new lab in the depths of Russ Engineering Center, Sharmila Mukhopadhyay points to a colossal instrument, its metallic chambers glittering in the fluorescent laboratory light. At a nearby desk, a graduate student peers above piles of engineering manuals, textbooks, and notes. “This has been an exciting time! We have been living in the lab since it arrived,” she says.

Wright State has recently become home to state-of-the-art technology for conducting materials engineering research. With a \$300,000 National Science Foundation grant, Mukhopadhyay, assistant professor of mechanical and materials engineering, purchased an AXIS Ultra to set up a cutting-edge X-ray photoelectron spectroscopy

(XPS) laboratory. Mukhopadhyay competed with hundreds of research institutions and universities across the country for major research instrumentation funding from the NSF.

Wright State joins a select group of universities and research institutions to own the massive, yet highly sensitive, equipment. Though older XPS instruments exist throughout the country, none of them operate with the precision of the AXIS Ultra, which has the highest resolution in the world. “This is the Cadillac of XPS instruments,” said Mukhopadhyay. “It gives Wright State an edge.”

XPS is a powerful technique for detecting variations in a material’s chemistry. The surface of a solid is blasted with X-rays, causing the atoms on the surface to emit electrons. A magnetic lens captures the electrons, and a computer detector then analyzes this released energy. The entire process provides information about the nature of the material’s surface. Mukhopadhyay will use the AXIS Ultra to examine composite materials, substances that are the future for manufacturing.

“Human history is divided into periods based on our technological development—the Stone Age, Iron Age, and Bronze Age are characterized by our use of materials during those times,” said Mukhopadhyay. “Today we have the technology to bond together existing materials to create entirely new substances, such as fiberglass, which are called composites. Little is known about

the interface—the bond—between the various components in a composite, and there is a real need in the engineering community for this kind of research.”

Though used most in the aerospace and automotive industries, composites are becoming more widely used as commercial manufacturers explore their limitless possibilities and applications for new products. Used in such familiar objects as golf clubs, automobile bodies, and ceramic engine parts, composites are superior to more common materials like wood and steel. They resist rust and are lightweight and durable.

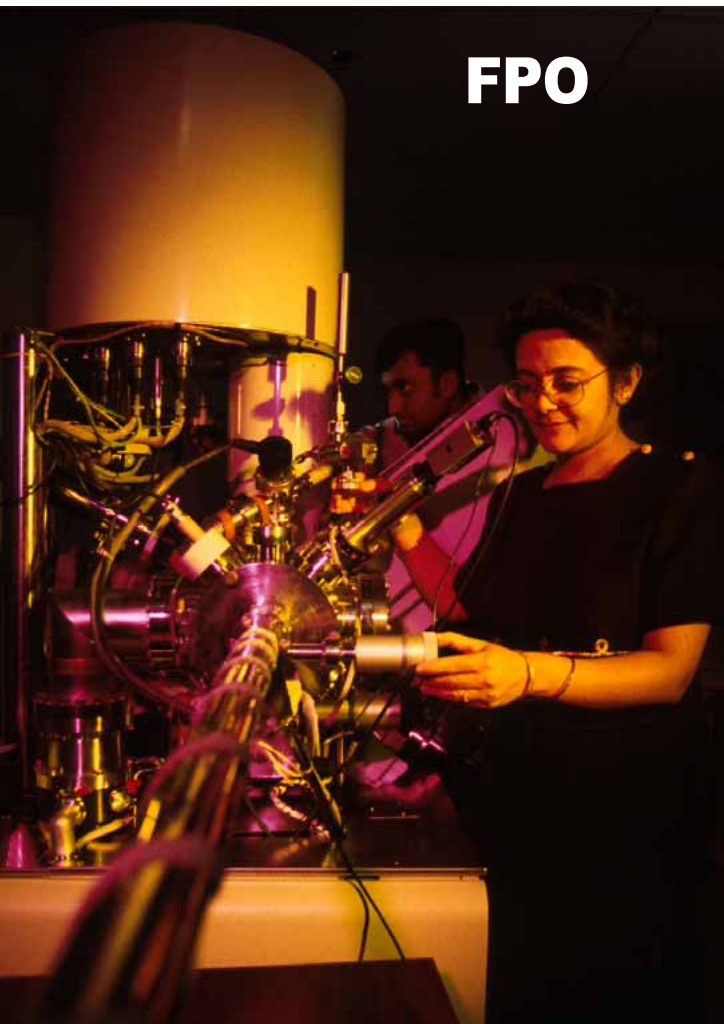
Wright State joins the materials revolution as Mukhopadhyay takes materials engineering research to the next level. “In the new millennium we will use a number of space-age materials—plastics, composites, ceramics, multi-layer materials—in new ways and in new products,” says Mukhopadhyay.

Her research will be a small step in composite materials technology, the beginning of what will soon be a giant leap for the United States Air Force in its plans to replace the existing metal parts in its aircraft with the new composite materials. The Air Force Research Laboratory will be collaborating with Mukhopadhyay as she investigates these new materials. “It is likely to provide a major breakthrough in material design,” said L. Scot Thiebert of the AFRL in a letter supporting the project.

“After this type of research is conducted, they can start going for million-dollar projects that will result in major changes to their aircraft,” says Mukhopadhyay.

Wright State will serve as a research hub for several aerospace and automotive research laboratories that need the AXIS Ultra’s capabilities, including Michigan State University and the University of Dayton. Sorg Paper Co. and Superconducting Components will collaborate with Wright State graduate students to analyze an array of advanced materials for their commercial products.

“This has long been an area of interest for me,” says Mukhopadhyay, who has published more than 25 papers during her time at Wright State, Rutgers, Polytechnic, and Cornell Universities. “Now I will be able to make advances in research that weren’t possible before we acquired this technology.” ■







By *Connie Steele*

JENNIE GALLIMORE,  
ASSOCIATE PROFESSOR OF INDUSTRIAL AND HUMAN FACTORS ENGINEERING  
**Making Airplanes Safer to Fly**

**W**hen John Kennedy Jr.'s Piper Saratoga plunged into the ocean on a hazy night last July, chances are great that he fell victim to a phenomenon that kills many each year.

"One theory is that he lost sight of his horizon and then became disoriented," explains Jennie Gallimore, associate professor of industrial and human factors engineering. "It's something that can happen to even highly experienced pilots."

In such situations, pilots are prone to making control reversal errors that can cause the plane to bank in the opposite direction that is needed to fly the plane safely. If this was the case for Kennedy, he probably found himself in a "graveyard spiral," a screaming dive in which the pilot's misguided attempts to correct the error puts the plane into an even steeper and harder bank. The pilot becomes totally disoriented and no longer in control of the airplane.

Investigators usually chalk up these types of accidents to pilot error.

"But I don't like to use the term 'pilot error,'" says Gallimore. "Our research is showing that it's not so much pilot error per se, but poor design that leads to this type of accident."

Gallimore is working on designing better cockpit displays for civil and military aviation to reduce aviation mishaps. She is centering her research on pilot sensory reflexes and visual illusions in flight. Such phenomena can cause accidents like Kennedy's and the one in Aviano, Italy, in 1998. In that accident, 20 people died when a pilot in low-level flight sliced through a ski gondola cable. Expert testimony at the pilot's trial indicated that the accident was likely a result of a visual illusion known as a false horizon.

"If the general public realized how many people are killed every year in accidents classified as 'pilot error,' I think they might scream louder for research to determine why these errors are being made and how to prevent them," says Gallimore.

One instrument especially prone to misinterpretation is the attitude indicator, a dis-

play that provides information about the plane's attitude with respect to the earth using a graphical representation of the sky, ground, and airplane.

"We've known for years that the attitude indicator can cause problems. But since most pilots are trained using them, we can't remove them." Gallimore says

the challenge is to design better cockpit displays as new technology is added to the cockpit. Gallimore is working with the Navy and Air Force to develop and test helmet-mounted displays for use in cockpits. "It lets the pilot receive information without having to switch from looking outside and then down at the instruments."

Gallimore is currently investigating pilot head movements and their implications on pilot safety and display design, including the Opto-Kinetic Cervical Reflex (OKCR), which was discovered through Wright State research.

Because of this reflex, the visual scene pilots are seeing outside the aircraft is actually opposite to the graphic representation on the attitude indicator. Gallimore found that reversal errors were being made when pilots transitioned from looking outside the aircraft to looking at their instrument panel.

Author of four papers on the OKCR, Gallimore spent the last year on sabbatical, working at Wright-Patterson Air Force Base and the Naval Aeromedical Research Lab in Pensacola, Florida.

Other areas of interest include human performance in virtual environments, interactive visualization for complex systems, and development of automatic brightness controls for cockpit displays. "After all," she adds, "the goal of human factors engineers is to develop systems that help people. Our goal right now is to create better cockpit displays and make airplanes safer to fly." ■

BELA BOGNAR, ASSOCIATE PROFESSOR OF SOCIAL WORK

By Stephanie James Ely

# BELA'S GARDEN

**B**ela Bognar is raising vegetables as well as seed money for a WSU scholarship fund. With a green thumb for growing green peppers, tomatoes, cucumbers, zucchini, and lettuce, Bognar has turned a love of gardening into cash crops, starting a scholarship fund from the ground up for Wright State students of Hungarian descent.

With help from the 6,000 Hungarian-Americans in the Miami Valley—including members of the Hungarian Evangelical and Reformed Church and St. Stephan Catholic Church, the Magyar Club of Dayton, and the Hungarian Festival Club—Bognar has earned or collected more than \$8,000 toward the required minimum \$10,000 scholarship endowment. His appeals and love of the homeland can be heard on

“Among all nationalities, we Hungarian-Americans have the fewest scholarships in the United States.”

—BELA BOGNAR

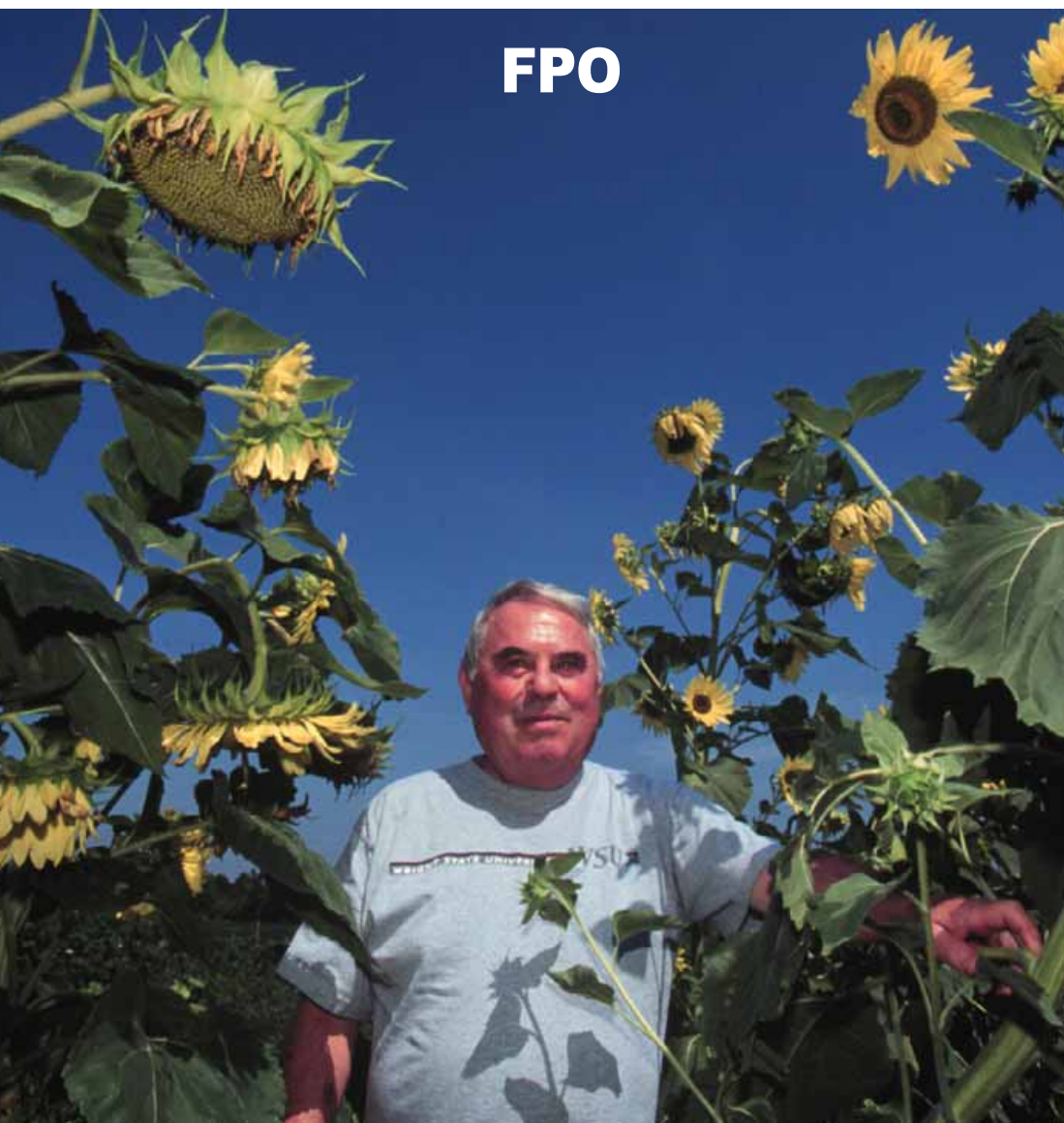
the longest running Hungarian radio show in America, “Music of Hungary,” which he hosts Sunday mornings on WQRP, FM 88.5, out of West Carrollton. Dayton entrepreneur David Boston helps out by serving Bognar’s homemade cabbage rolls on the last Thursday of the month at the bistro and pub bearing Boston’s name, on the corner of 2nd and Jefferson Streets. And Bognar is a regular at Dayton’s farmer’s market, selling vegetables and flowers from his gardens in Casstown, where he lives in a 130-year-old renovated schoolhouse with his wife, April.

Although he didn’t speak English when he arrived in New York City in 1961, within a year Bognar had a scholarship to begin work on a master’s degree and received funding for seven years of study.

“I want students to come here from Hungary and then take what they learn back,” says Bognar. “My dream is to fund a good student at Wright State for a quarter or two, and then help that student find other scholarships to finish their degree.”

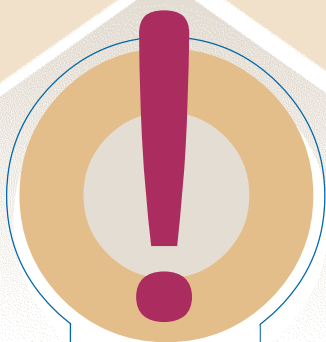
“In my 26 years on the faculty at Wright State, I have had many bright, outstanding students of Hungarian origin in my classes, and I am well aware of their struggles to finance their education,” says Bognar, an associate professor of social work and community health. “Among all nationalities, we Hungarian-Americans have the fewest scholarships in the United States. Though we are proud to be 1.5 million in number, I feel we have neglected this important task.”

Anyone interested in more information about the Hungarian Ancestry Scholarship Fund at Wright State University may contact Bognar at 775-2585, or by e-mail at [belabognar@wright.edu](mailto:belabognar@wright.edu) or Cynthia Butler, assistant vice president of university development, at 775-3886. 📧



FPO





*Microwave ovens,  
computer networking,  
washers and dryers  
—Campus housing at  
Wright State has come  
a long way!*

**By John Bennett**

**P**icture these accommodations: a third floor apartment with a great view and furnished with a washer and dryer, dishwasher, refrigerator, microwave, computer and cable TV hook-ups, and voice mail. It's not a new retirement community, or an extended stay motel for traveling business executives. This is the floor plan for the newest College Park Apartments at Wright State.

Former students may fondly recall a more Spartan existence. Nancy Beaty, a junior accounting clerk in the Office of Conferences and Events and a WSU student in the 1970s, recalls that she and her roommate each had "a little desk to study at, a bed to sleep in, and a closet. It was nice but it was small."

Beaty lived the high life during one summer on campus. "I borrowed a little refrigerator and a hot plate so I could have soup."

Not surprisingly, the students dig the new digs. The university can't put up new housing fast enough to keep up with the demand, though it's certainly trying. Phase III of College Park Apartments, consisting of two new buildings named Acadia and Redwood, opened in September. All 116 available spaces were assigned the day the lottery was held for them. Construction of two more buildings for the final phase College Park was to begin this fall and be completed in September 2000. Planning

THIS IS LIVING

for additional housing facilities has begun, with a proposal expected next spring.

Since 1971, when Hamilton Hall, WSU's first residence hall, opened for 324 students, the campus housing student population has swelled to nearly 2,400 students. More students want to live on campus, in large part because more students now come from outside Ohio. Out-of-state enrollment jumped from 346 to 839 students between 1996 and 1998.

"The demand for student housing with both new and returning students has increased for five consecutive years," says Dan Bertson, director of Residence Services. More private rooms, fewer people sharing bathrooms, and apartment-style living in a campus setting contributes to the increased demand. All student residence areas are connected to Wright State's campus network and the Internet. Students enjoy fast and easy access to electronic mail and the World Wide Web.

"Students who live on campus are more likely to succeed," believes Bertson. Students living on campus have higher GPAs and retention rates than off-campus students.

"They're on campus for more things that are more significant in their life," Bertson adds. "Living on campus provides another dimension of growth and development for a student. You graduate a more rounded student who's better able to cope with their peers and with others in the real world."



Student relax in the newest edition to the College Park apartment complex, which opened this fall.

Residence Services staff tries to help students learn to balance their freedoms and responsibilities and make their own decisions. They aren't the surrogate mother they might have been 20 years ago, according to Bertson.

"We're doing more in giving the student that out-of-classroom experience that's going to prepare them to live their lives and manage their own affairs," he says.

Also new this fall is special interest housing. Part of the Forest Lane apartments are being made available for Greeks, ROTC members, honors and international students, and other groups that want to live together. Part of the attraction for the groups is the chance to bypass the lottery process, thus ensuring they have apartments in the same section.

Greek organizations have wanted to live together and have their own meeting space for several years, according to Tom Coy, graduate assistant in the Office of Greek Life. About 45 students representing seven fraternities and sororities moved into the "fraternity row" of Forest Lane this fall.

"They get complete access to the Forest Lane community center if they want to hold a meeting or an event," says Coy. It also helps the members see that they not only belong to an individual organization, but also to a larger community.

"All of these groups being directly next to each other will increase unity and community and interactions," Coy believes. "It's going to be easier to coordinate Greek-wide events.



The Village Apartments

Residence Services staff tries to help students learn to balance their freedoms and responsibilities and make their own decisions.



One of the many activities that make campus living "a complete university experience."



Move In Day—a tradition on the WSU campus, typically held the Sunday before classes begin.

Photos by Scott Kissell

For almost any activity, it's easy to get a group of four or five together quickly."

Though Residence Services provides the most comfortable rooms it can for students, its mission is also educational. Staffers also help students develop conflict resolution skills, learn academic success strategies, interact with the faculty, and perform service to others. Students learn as much outside the

classroom as inside, and, as Bertson puts it, "We complement and supplement what goes on in the classroom experience." ☐

**WRIGHT STATE HOUSING BOOM OVER THE YEARS**

Year	Facility	Number of beds	Total Campus Capacity
1971	Hamilton Hall	324	324
1983	Forest Lane Apts.	234	558
1986	Boston Hall	99	657
1987	Jacob/Cedar Halls	219	876
1988	Laurel Hall	133	1009

Year	Facility
1989	Hawthorn Hall
1990	Hickory Hall
1991	Oak/Maple Halls
1992	Pine Hall
1993	Village-Phase I



## SPECIAL PROGRAMS FOR CAMPUS LIVING

### Hamilton Living/Learning Center Residence Hall Community

The Hamilton Living/Learning Center underscores the academic mission of the university. Designed with the first-year student in mind, the Living/Learning Center facilitates interaction between the residential community and faculty and staff, with an increased focus on academic success. Peer tutors, personal counseling, and study groups are some of the programs offered. In 1998, network connections for computers in rooms were added along with a computer lab off the main lobby.

All resident students are eligible to live in this, the first residence hall built on campus. Rooms are double and triple occupancy, and include air conditioning, microwaves, refrigerators, and voice mail. Residents enjoy proximity to the Student Union and the university tunnel system.

### C.H.O.I.C.E.

Celebrating Healthy Options in the College Environment (C.H.O.I.C.E.) is an increasingly popular living program at WSU. Begun in 1992 in response to campus trends nationwide, C.H.O.I.C.E.

The Living/Learning Center in Hamilton Hall is equipped with a computer lab featuring internet access.

provides an alcohol-, substance-, and tobacco-free living option for residents in Cedar and Oak Halls. Students living in the C.H.O.I.C.E. dorms must sign an agreement pledging that no alcohol or drugs will be brought into the community by residents or their guests. This also means not entering the residence community in an intoxicated or drug-impaired state. If the contract is violated, the offending student can be relocated to another building or be directed to undergo a conduct hearing.

### Honors Living Program

Boston Hall offers the University Honors Living Program. All floors are designated as quiet areas, and some lounges are dedicated as study lounges. The new International Honors On-campus Program (IHOP) places American and international students as roommates in Forest Lane Apartments, allowing students from different nations the opportunity to live together and get to know each other's language and culture.

### The Village Apartments

These units are designated for junior and senior students, students with families or partners, students 23 and older, and graduate and professional students. In The Village, one might find a parent putting his or her child on the school bus to a local elementary school before going off to his or her own classes. There have been cases where both a parent and child were WSU students who shared an apartment in the complex.

### College Park Apartments

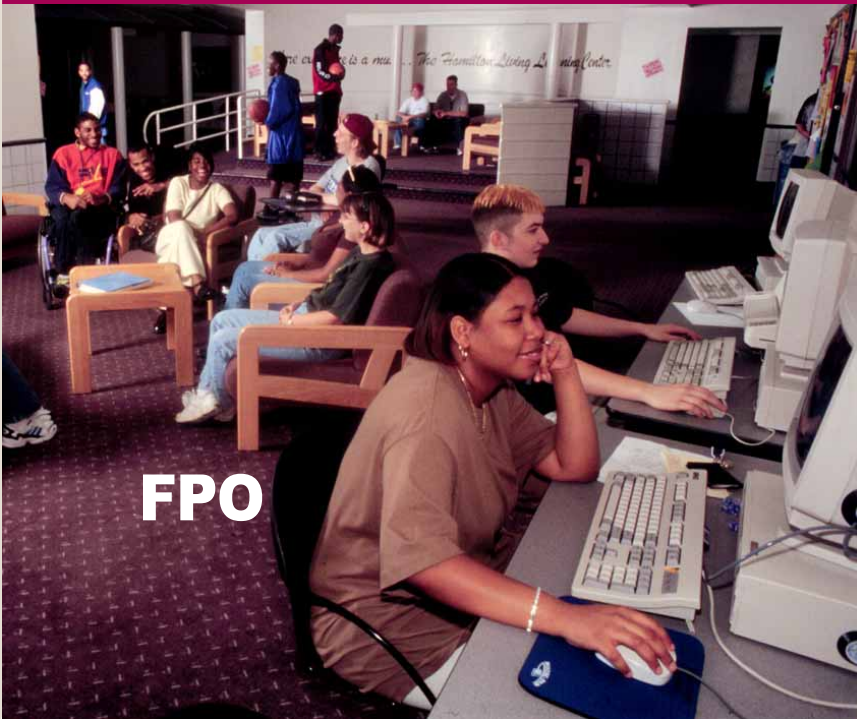
Designed for sophomore, transfer, or continuing students, and for those over age 21, College Park offers four bedroom, two-bath apartments with washer and dryer in each unit. The kitchen is equipped with dishwasher and microwave. Four students, each with his or her own bedroom, enjoy these roomy apartments along with hiking trails, picnic areas, sand volleyball, and basketball facilities.

### Forest Lane Apartments

Designated for sophomores, transfer, or continuing students or for those over age 21, the two-bedroom units house four students. The closest apartment community to campus, the kitchen, living and dining rooms, and bedrooms are furnished.

### The Woods Residence Hall Community

Boston, Cedar, Hawthorn, Hickory, Jacob, Laurel, Maple, Oak, and Pine Halls comprise The Woods—home to more than 1,250 students. All resident students are eligible. Most rooms are quad occupancy, with some doubles. Rooms include air conditioning, microwaves, refrigerators, and voice mail. ☑



**FPO**

Number of beds	Total Campus Capacity
<b>204</b>	<b>1213</b>
<b>132</b>	<b>1345</b>
<b>264</b>	<b>1609</b>
<b>132</b>	<b>1741</b>
<b>40</b>	<b>1781</b>

Year	Facility	Number of beds	Total Campus Capacity
<b>1994</b>	<b>College Park I</b>	<b>100</b>	<b>1881</b>
	<b>Village Completed</b>	<b>110</b>	<b>1991</b>
	<b>Woods Triples expand to Quads</b>	<b>1281</b>	<b>2119</b>
<b>1996</b>	<b>College Park II</b>	<b>116</b>	<b>2235</b>
<b>1999</b>	<b>College Park III</b>	<b>116</b>	<b>2351</b>

## New Logo Marks Alumni Spirit

It's official. The WSU Alumni Association has a new logo! As an identifying mark, the logo will be used for all official association business and correspondence, and a special modified version of it will be featured on promotional items for sale to all alumni.

"The association has been wanting a logo for many years," says Mike Reynolds, president, WSU Alumni Association. "The logo allows the Association and all WSU alumni to have a mark to call their own."

The logo was designed by Cindy Leadingham, senior graphic design coordinator in WSU's Office of Communications and



Marketing. She worked on the project with members of the association board, who, after considering several designs, chose one that incorporated the athletics secondary mark.

Seeing possibilities for the mark beyond their own immediate needs, the association commissioned a companion mark for use by all alumni. A sale of clothing sporting a design without the word "Association" is set to grace a line of clothing and spirit items for sale to all alumni (see the following pages for photos of the sale items and an order form).

"We're very pleased with the final product," adds Reynolds. "Thanks go to all who were involved in the project. It's something we can all point to with pride as we work together to support alumni spirit of Wright State." ☐

## Continuing the WSU Legacy

When Linda Kalter (76 M.Ed.) saw that another daughter would be joining the ranks of future WSU alumni, she decided it was time to strengthen her family's WSU connection by joining the Alumni Association.

What she didn't realize at the time was that membership also included another benefit: a legacy scholarship program that would award each of her two daughters \$1,000 scholarships for the 1999–2000 year.

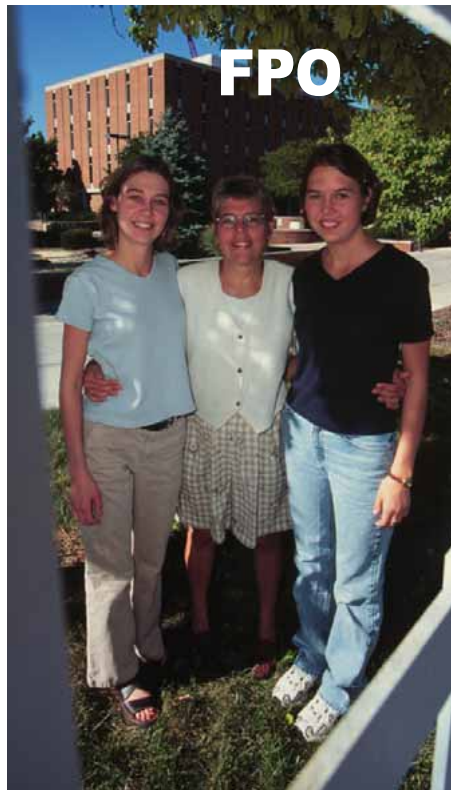
The Kalter sisters—Shandra, a junior majoring in biology, and Ariana, a senior majoring in electrical engineering—are among the 30 recipients who received an Alumni Legacy Scholarship for this academic year.

"We were just thrilled," says Linda, who teaches at Mills Lawn Elementary School in Yellow Springs. "Both work hard, want to be independent, and take care of most of their own finances, something they couldn't do if it weren't for the scholarships."

The WSU Alumni Association established the Legacy Scholarship Program in 1990 to support the tradition of Wright State University among its members. To date, 152 scholarships have been awarded, totaling over \$110,000.

Photo by Scott Kissell

Funds to support the program come from association dues and from various fund raising activities, such as the annual golf outing, which raised over \$4,000 this year.



To qualify, applicants must be an immediate family member (i.e., spouse, child, legal dependent, step-child, or grandchild) of a current voting association member. In addition, the member must have been a dues paying member for at least two full years immediately prior to applying for the scholarship.

For the Kalter sisters, who have three more siblings at home (including one who will enter college next year), scholarships and loans have been crucial in financing their education. Each juggle work with classes, while managing to carry a 4.0 GPA.

"We looked at a lot of colleges, but Wright State, by far, had the best financial aid package," explains Linda. "The honors scholarships and financial aid packages were instrumental in their choosing to go to Wright State and in keeping them there."

An application for the scholarship is included with the financial aid packet distributed through WSU's Office of Financial Aid. Members can also call the Office of Alumni Relations at 775-2620 for more information. ☐

—Connie Steele

ON THE WEB [www.wright.edu/alumni/](http://www.wright.edu/alumni/)

From left: Ariana, Linda, Shandra Kalter



## Alumni Field Dedicated



Photo by Scott Kissell

The Wright State University Alumni Association and Raider Athletics officially dedicated the new Alumni Field on September 26 in between the women's and men's soccer games that were held that evening.

The new field features lights, irrigation, and ample parking for fans, as well as a new scoreboard, fencing, and seating for just under 1,000. Each 90-foot concrete light pole holds twenty 1,650-watt lights that generate 54-foot candle power. The lighted field will enable not only WSU games to be played at night when fans and students can more readily attend, but also allow for evening practices so that student-athletes can attend classes during the day.

"The setting for Alumni Field is exactly what we need right now in our efforts to climb to the next level," WSU Athletics Director Mike Cusack said. "We thank the Alumni Association, which stepped up in a big way to help our men's and women's soccer programs, community, and campus as well." 📷



▲ **A brilliant sunset** provided a colorful backdrop to the new lights installed at Alumni Field, WSU's new soccer facility. The lights were installed in late August, just in time for the start of the new soccer season. A portion of a \$500,000 gift from the WSU Alumni Association helped fund purchase of the lights.

▶ **In Appreciation**—On behalf of the WSU Alumni Association, Mike Reynolds, president, accepts an autographed team ball and a miniaturized version of the sign gracing the press box of the new Alumni Field from Hylton Dayes (far right), men's soccer coach, and Scott Rodgers, women's soccer coach. Also on hand were President and Mrs. Goldenberg.

ON THE WEB [www.wright.edu/alumni/join.html](http://www.wright.edu/alumni/join.html)



## Your Connection — The WSU Alumni Association

**Yes!** I want to maintain my connection to Wright State by joining the WSU Alumni Association. Enclosed is a check (made payable to WSU Alumni Association) or charge account information. Send payment to Wright State University, Office of Alumni Relations, 3640 Col. Glenn Hwy., Dayton, OH 45435-0001 or call 1-800-535-0688 or (937) 775-2620.

Annual membership:      \$35 single\*      \$50 joint  
 Life membership:      \$450 single (or through our installment plan of eight quarterly payments of \$56.25)  
    \$600 joint

- Would you like to participate on an Alumni Association committee?       Yes       No  
 Would you like to serve as a resource for career networking?       Yes       No  
 Would you like to serve as a student mentor?       Yes       No

Name \_\_\_\_\_ Social security no. \_\_\_\_\_ Yr. of graduation/degree \_\_\_\_\_

Address \_\_\_\_\_ E-mail address \_\_\_\_\_ Telephone \_\_\_\_\_

If you elect joint membership, please provide information on spouse.

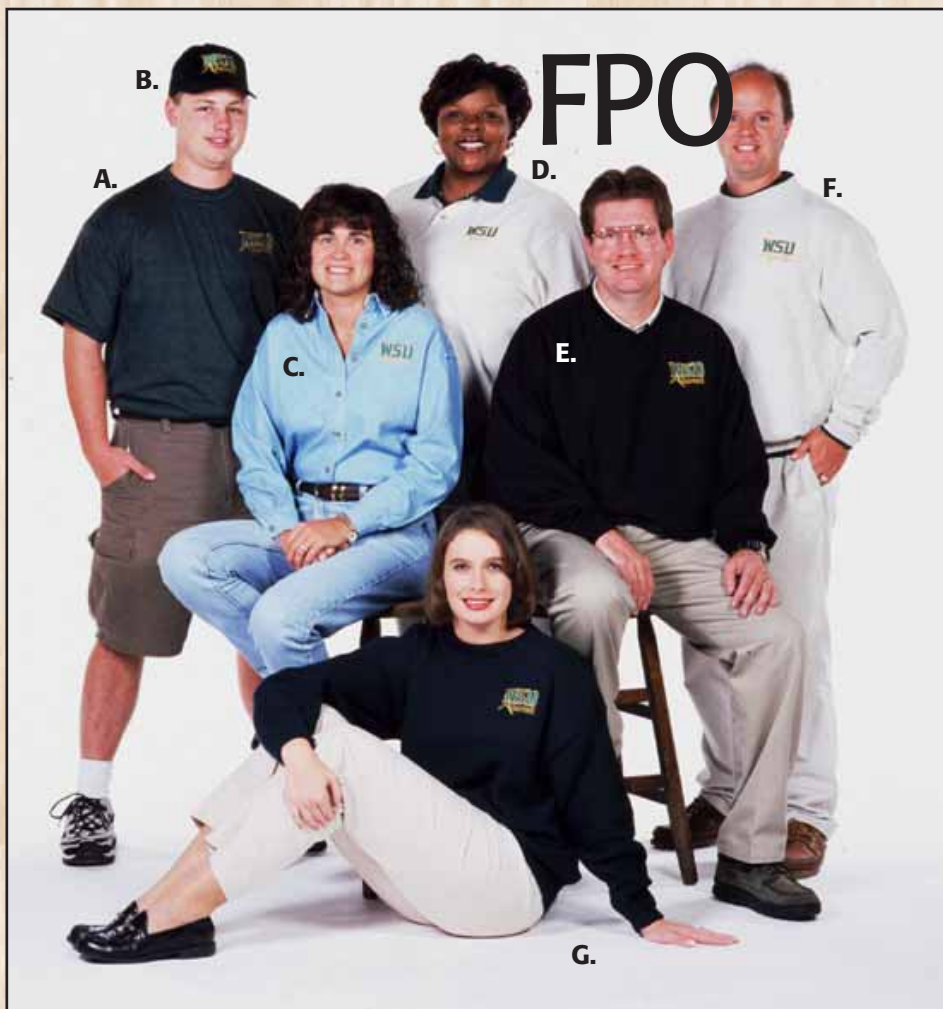
Name \_\_\_\_\_ Social security no. \_\_\_\_\_ Year of graduation/degree \_\_\_\_\_

### Charge Account Information

VISA     MasterCard      Card number \_\_\_\_\_      Expiration date \_\_\_\_\_      Signature \_\_\_\_\_

Membership dues are fees for programs and services and are not considered a tax-deductible contribution.  
 \*Five dollars of your membership dues go to your college or school for alumni programming.

# Share



**A. Ultra Club. MICROSTRIPE T-SHIRT.** 75% cotton/25% poly. Matching ribbed collar. Adult: M–2X. Green. \$22.

**B. DARK GREEN CAP.** Wool and nylon blend, low-profile, adjustable fabric strap with brass buckle, matching undervisor. \$14.

**C. Three Rivers. Ladies' CLASSIC DENIM SHIRT.** 100% cotton long-sleeve ladies'-cut denim shirt. Wood-tone buttons. Two-button adjustable cuffs and single-button sleeve placket. Flat yoke back. Adult: S–XL. \$38.

**D. Country Cottons. Contrasting COLLAR PIQUE GOLF SHIRT.** 100% combed cotton double-mesh pique golf with contrasting collar, placket and welt cuffs. Two-button placket with wood-tone buttons. Adult: S–XL. White/black, birch/black, forest/navy, natural/forest. \$30.

**E. Munsingwear. NYLON WINDSHIRT.** 100% sueded nylon shell windshirt with knit trim V-neck collar, cuffs, and waistband. Set-in side seam pockets. Oversized, relaxed fit. S–XL. Black, hunter, navy, khaki. \$40.

**F. Luna Pier. Oatmeal SWEATSHIRT WITH CONTRAST TRIM.** 60% cotton/40% polyester sweatshirt with contrasting trim on collar, cuffs, and waistband. Adults: S–3X. Oatmeal with forest. \$33.

**G. Lee. PEBBLE STITCH CREW NECK SWEATER.** 100% cotton crew neck sweater with pebble stitch sleeves and bottom. Adult: M–2X. Black, navy, black forest (green), white, natural. \$56.

**H. WHITE CAP.** 100% cotton, low-profile, adjustable fabric strap with brass buckle, matching undervisor. \$14.

**I. FOTL Lofteez. SHORT-SLEEVE T-SHIRT.** White, 100% preshrunk cotton; athletic grey, 90% cotton. Ribbed collar and cuffs. S–3X. \$16.

**J. FOTL Lofteez. LONG-SLEEVE T-SHIRT.** White, 100% preshrunk cotton; athletic grey, 90% cotton. M–2X. \$21.

**K. Outrageous Sports/Most Wanted Sports. MEN'S DENIM SHIRT.** 100% cotton stonewashed denim/twill long-sleeve garment wash shirt. Patch pocket. S–2X. \$39.

**L. WHITE UNSTRUCTURED CAP** (Not shown). 100% cotton, six-panel, low-profile, matching undervisor, fabric strap with brass buckle. \$14.



# the **WSU** Alumni Spirit



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Photography by WSU alumnus Scott Kissell (86 B.S.)

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A passion for education, a strong will to achieve, and the encouragement of a special sixth-grade teacher helped James Cannon beat the odds. Today, he's capping off the second of two successful careers—the latest as

# A PEOPLE'S



**FPO**





# JUDGE

By *Connie Steele*

The first defendant that morning was a young, soft-spoken woman wearing the faded green-gold uniform with the words “Montgomery County Jail” stenciled on the back. Looking over to the public defender by her side, she nodded vigorously, shrugged her shoulders, and pled guilty to the charge of petty theft. So began another morning in the courtroom of The Honorable James Cannon (73 B.A.; 74 M.S.).

The cases that day would run the gamut from domestic abuse and nonpayment of a fine to soliciting for prostitution.

Cannon is one of five judges who sit on the bench for Dayton’s Municipal Court, who, all told, hear on average 78,000 cases a year. Dockets range from traffic violations and small claims to possession of drugs and setting bond for felony cases.

“All misdemeanors occurring in the city of Dayton come through this court,” he says. “We’re as close to a people’s court as you can get.”

Back in his chambers, Cannon prepares to tackle a mountain of paperwork, one of his tasks as administrative judge for the court. Before doing so, he reflects on the morning’s docket: “I see many people in my courtroom who need alternatives, who need options to change their lives. One of the keys to solving these social problems is education. Without it, it’s hard to recognize or take advantage of opportunities that come along.”

Such insight comes not only from serving 12 years on the bench, but also from his own life as well. “Getting a good education was something I never took for granted,” he explains. “I’ve always valued education, but I did not always have the opportunity to pursue it.”

One of 11 children, Cannon grew up in the small southern Ohio town of Greenfield. When he was seven, his father died, leaving his mother to support the family armed with only a fourth grade education.

“She cleaned houses for a living,” he says. “During the 1930s, there weren’t many opportunities in a small town like Greenfield, especially if you were a minority.”

For example, Cannon explains that the one elementary school in town had three academic tracks in which students were placed early on in their schooling. African Americans, he says, were automatically placed in the lowest level. However, it didn’t take long for the young Cannon to distinguish himself as an exemplary student. By the time he was in the sixth grade, he was attending classes with the “smart” kids.

Despite his good grades, Cannon found himself at the age of 12 facing a crisis in his academic career.

“It was the height of World War II,” he says. “My three oldest brothers had dropped out of school to join the service. When my next older brother dropped out of school and joined the army at the age of 15, my view was that I didn’t need to stay in school either.”

Cannon dropped out of school for 30 days. For reasons he can’t explain, no truant officers came to call. But if they dared, says Cannon, “Mother would have chased them off anyway.” When his attempts to join up proved fruitless, Cannon realized that getting an education would be his ticket to experience the world beyond his hometown. “So I decided on my own to go back to school,” he says.

Hesitant about the reception he would receive at school from his teachers and fellow students, Cannon found the encouragement and support he needed from a brand new teacher named Dorothy Anderson.

“She never held it against me that I had dropped out,” he says. “In fact, she even promoted me to the next grade.” It was her support, says Cannon, that resulted in his being the first male in his family to graduate from high school. He had a 95 grade point average and a National Honor Society membership.

“After I graduated from law school, I went back and thanked her,” he says.

When Cannon graduated from high school, family finances were such that going to college was out of the question. Instead, like his older brothers, he enlisted in the Air Force in 1950 at the age of 19. “However, I always had it in my mind to get more education.”

During the next 20 years, the military would provide Cannon with an education in the ways of the world instead. He first served in the military police sector and later in the postal and courier service, which would take him to cities throughout Europe, Africa, and Indochina. His final tour of duty was as chief postal inspector in Vietnam, where he earned a Bronze Star for meritorious service.

When he retired as a master sergeant in 1970, Cannon was at last able to pursue his dream of getting a college education.

He enrolled at Wright State University in 1970 at the age of 39. Within four years, he had earned a bachelor’s degree in sociology and a master’s degree in social and applied economics.

After a brief stint working for the city of Dayton, he entered law school, graduating from the University of Dayton in 1978. He worked for a short time in the Montgomery County Prosecutor’s Office and was in private practice from 1980 to 1987. He first took the bench for the Municipal Court in 1987, completing the term of a judge who was retiring. Elected to six-year terms in 1987 and in 1993, he was voted in again this past November. Due to age restrictions, this is his final term.

Although at one time Cannon thought of becoming a social worker, he says serving as judge gives him more opportunities to impact lives.

“I especially value the letters I get from individuals, thanking me for putting them in programs that helped turn their lives around,” he says. “It seems like they knew they were headed for self-destruction.

“If I looked at my job as a way to mete out punishment, then I think I should do something else. If I’ve turned even one life around, then I think I’ve done something.”

It’s enough to make Mrs. Anderson proud. ☐

### CLASS OF 1971

**Jeffrey A. Brandon (B.A.)** has joined Wedbush Morgan Securities as vice president and manager of the firm's San Francisco office. Before joining Wedbush, Brandon was a senior retail-management executive with Advest for nearly 20 years. At Advest, Brandon managed the retail branch, division, and firm-wide operations and developed the firm's Corporate Executive Services Group.

### CLASS OF 1972

**Steven J. Piller (M.B.A.)**, former vice president of Boeing programs, is now vice president and general manager of Rockwell Collins Air Transport Systems, located in Pomona, CA.

♦ **Jerome P. Sutton (M.S.)** was honored in a retirement ceremony last April for 33 years of service at



Wright-Patterson Air Force Base. His last position at WPAFB was as director of the Acquisition Support Team, Headquarters Air

Force Materiel Command (AFMC). He was responsible to both the principal deputy assistant secretary of the Air Force for Acquisition (SAF/AQ) and the AFMC commander for advancing efficiencies in business practices within the Air Force acquisition and logistics communities. Sutton is also treasurer of the Wright State University Foundation.

### CLASS OF 1974

**Mark B. Barnes (B.A.)** has joined the firm of Ice Miller Donadio & Ryan as a partner in its Corporate Practice Group. Barnes will be responsible for corporate finance, mergers and acquisitions, and securities. Previously, Barnes was a partner at Leagre Chandler & Millard, which he co-founded.

**Denise J. Youngblood (B.A.)** has recently had her book, *The Magic Mirror: Moviemaking in Russia, 1908-1918*, published by the University of Wisconsin Press. The book, which examines the organi-

## A Voice for the Elderly

**K**aren Puterbaugh (93 M.U.A.) has been devoted to the elderly from a young age. As the first full-time executive director of the Greene County Council on Aging, she continues her mission of caring by helping local seniors and their families take on the obstacles associated with aging. Cases range from helping an out-of-state family find nursing home placement to providing information about the latest changes in Medicare and Medicaid.

"I've always had a natural liking for the elderly, even when I was young. They're my first love," says Puterbaugh.

While attending Troy High School, she was drawn to helping local senior citizens through involvement in the Students Organized for Social Justice (SOSJ) Teens group, which often visited nursing homes. She worked during school breaks and in college as a nursing assistant. The experience further validated her decision to major in a field that involved helping others. She went on to get her bachelor's degree in social welfare from The Ohio State University and, later, her master's degree in urban administration from Wright State.

After earning her degrees, Puterbaugh worked in several social work positions, ranging from adult foster care to protective services, always seeking a way to protect the rights of the elderly.

The Greene County Council on Aging provides funding to local service providers so that they can offer home delivered meals, adult day care, in-home and respite care, and transportation for seniors as well as resources for senior centers.

"I'm working closely with several families right now, getting them in touch with service providers, working the system with them," she says, referring to the red tape and bureaucracy that can often be overwhelming for today's growing "sandwich generation" who are struggling to take care of both their children and their aging parents or grandparents.

"I continually read news journals just to keep up on the latest information out there, the important and new issues that may affect the people I'm working with, people who rely on these services to live," she says. "Many, many people just need more information."

Being the first full-time executive director has its challenges and rewards. Puterbaugh has been working out of her Bellbrook residence since she began the position last March. Recently, she took a leading role in November in the \$0.8 million levy campaign designed to expand the agency's services, including adding staff to handle an expected 2,000-3,000 calls per year. Plans are to move the office to Hillside Retirement Home in Xenia, the headquarters for the levy campaign. ☐

—Libby Stephens



zation and evolution of the film industry and describes the genres, motifs, and themes that define early Russian cinema, analyzes 60 of the most important surviving films of that era.

### CLASS OF 1975

**Virginia Boerger (B.S.Ed.; 79 M.Ed.)** was chosen as the 1999 Miami Valley Mother of the Year. Nearly 1,800 women were nominated for the award, which is in its 21st year. All eight of Boerger's children graduated from college and are successfully pursuing professional careers.

♦ **Thomas Richard Poole (M.Ed.)** was listed in Who's Who in America. Poole is the endowment campaign director for Samaritan Health Systems in Phoenix, AZ. A member of the National Society of Fund-Raising Executives, he has authored various corporate reports and feasibility studies and is a member of the National Society of Fund-Raising Executives.

### CLASS OF 1976

**Candace Lynn Brown Schneggenburger Hennessy (B.S.N.)** earned a Ph.D. in education with a specialization in curriculum and instruction from Marquette University last May.

### CLASS OF 1977

**Larry Mittag (B.S.)** was the keynote speaker at the Embedded Systems Conference held last June. Mittag's speech, "Convergence and Divergence," discussed the move of embedded systems to the technology mainstream. The conference allows designers, programmers, and engineers to hear the latest developments in the embedded industry. Mittag is the vice president and chief scientist of the Embedded Systems Division of Stellcom, Inc., and a contributing editor of Embedded Systems Programming magazine.

### CLASS OF 1978

♦ **Mark Owens (B.A.)** received the 1999 Outstanding Clerk of the Year award at a conference of the Ohio Association of Municipal Court



Clerks. Owens has served as Clerk of Court in Dayton Municipal Court since 1991 and is currently serving his second elected term of office.

## CLASS OF 1979

**Cynthia Barnhorst-Winslow (B.F.A.)** had a photographic exhibit displayed at the Dayton Visual Arts Center. The exhibit, titled "Labor of Love," features Barnhorst-Winslow's five-year-old daughter, Camille, and focuses on childhood, mother-daughter relationships, and generational bonds.

**Robert Pollard (B.S.Ed.)** is a member of the band Guided by Voices, which released its latest album, "Do the Collapse," last August. The local band's last album, "Mag Earwhig!" sold 30,000 copies and received critical acclaim in the underground music scene.

**Steven Winteregg (M.M.)** had some of his new musical works featured during the Wright State University Madrigal Singers and Women's Chorale winter concert. The works are based on the poetry of Paul Laurence Dunbar.

## CLASS OF 1980

**Leslie Miller (M.Ed.)** retired from the Kettering School District after 30 years of service. Miller began her career as a sixth grade teacher and later became the elementary curriculum coordinator. During her last three years of service, Miller served as principal of Southdale Elementary.

**Linda C. Sheffield (M.B.A.)** was promoted to vice president of audits with the Mead Corporation last April. Sheffield was previously the director of audits and served as vice president of finance and strategy with Mead's former distribution segment.

**Robert Staley (B.F.A.)** was one of 55 artists chosen to have his painting accepted into "Realism '99," the 11th Annual National Juried Exhibition at Parkersburg Art Center in Parkersburg, WV, held last spring. The landscape oil painting exhibited depicted the registered Iowa Century Farm where the artist's father was born and where the artist visited as a child.

## No Greater Work

**A**s a licensed therapist, Deborah Ferguson (78 B.A.) has worked with thousands of welfare clients to get their lives back on track. Even after 20 years she still believes that "there is no greater work" than being paid to help people. Ferguson is the Outreach and Social Services director with the Supporting Council of Preventative Effort (SCOPE). The non-profit community action agency provides services to improve the quality of life for the disadvantaged in Montgomery County. In recognition of her life's work, she received the Social Work Distinguished Alumni Award from the Department of Social Work and the Social Work Alumni Association. The award is based on outstanding service and innovation in one or more of the following areas: clinical social work, administration, scholarship, education, professional leadership, community and public service, and advocacy.

Throughout a 20-year career working with SCOPE, the Montgomery County Community Action Agency, and the Montgomery County Department of Human Services, Ferguson has also helped raise funds to develop programs that provide emergency financial help, transitional housing, daycare, job development programs, and counseling for people about to lose their homes.

Ferguson did not always strive to be a social worker. When she entered college, she was undecided about a major. She did not discover social work as a career option until she took some social work classes as part of her general education requirements. According to Ferguson, those classes just made sense to her. She felt "at home and greatly enjoyed the material." Ferguson's later college experience as a peer counselor affirmed her career choice. She found that her empathetic skills were ideal for the job and, as Ferguson states, "when you find something you are good at and you enjoy, it is a powerful combination."

... ..  
 "...when you find something you are good at and you enjoy, it is a powerful combination."  
 ... ..

—Deborah Ferguson  
 1999 Distinguished Social Work Alumni Award Recipient  
 ... ..

According to Ferguson, "the most important key to success in a help career is to have a healthy personal life. You must begin the day filled up because you can become drained by the hurt around you." Ferguson's life is accordingly filled up. She and her husband, Blake, were high school sweethearts, who were separated for a year when Deborah went to college in Connecticut. However, Deborah returned to Ohio to be with her future husband and began attending Wright State. Deborah and Blake have now been married 22 years and have two children, Emily, 18, and Jenny, 11. 🐾



—Holly Blakely

## CLASS OF 1981

**Elizabeth Simms Gutmann (B.A.)** plans to run for the nonpartisan Miami County Municipal Court seat, which will be vacated by Judge William Kessler in December. As Piqua municipal prosecutor, Gutmann has prosecuted all criminal tax and housing code violations; approved felony charges; conducted preliminary hearings; and assisted Piqua police with legal questions, search warrants, and training issues. Previously, Gutmann was the assistant public defender for Shelby County.

**Kent McLean (M.B.A.)** has joined SkeleTech as director of business development. Previously, McLean spent 20 years in the U.S. Air Force as a scientist and laboratory director in the Department of Aerospace Medicine. SkeleTech, located in Bothell, WA, is a contract research organization providing state-of-the-art preclinical bone biology services to the pharmaceutical, biotechnology, and medical device industries.

**Loren A. Rush (B.S.B.)** was promoted to president and chief executive officer at Universal 1. Rush is only the third CEO since the credit union was founded in 1937. Rush began her career with Universal 1 in 1980 as a teller and later became chief financial officer before her promotion to president last year.

## CLASS OF 1982

**Rodney J. Couts (B.S.B.)** was named the executive director for the Internet Auto Dealers Marketing Association (IADMA) last July. Couts has over 14 years experience with the National Vehicle Leasing Association (NVLA), where he previously held the position of executive director.

**James E. Dare (B.S.)** became the director of the Montgomery County Adult Probation Department last October. Following this promotion, Dare received the Chairman's Award at the Congress of Correction held in Orlando, FL, for providing exceptional service to the Commission on Accreditation for Correction in the field of accreditation auditing, improvements in the accreditation process, and in the development of correctional standards.

📍 Alumni Association member

## Shielding ATMs From Y2K

**David Gasper isn't worried about getting his cash out of ATM machines on January 1, 2000. He should know. He's founder and CEO of Gasper Corporation, a major software service provider for ATM machines that he founded with a \$500 investment in 1983.**

Is Y2K hysteria making you afraid to withdraw cash from an ATM machine on January 1? Don't worry, says David Gasper (78 B.S.). Gasper is president of the Dayton-based Gasper Corporation, which provides financial institutions with software to service their ATM networks. Clients include such banking heavyweights as Keybank, Bank One, Firststar, Bank of America, and Chase Manhattan Bank. Gasper's system detects cash shortages, jams, and other ATM machine problems and dispatches a service technician to make the repairs.

Consumer concerns about Y2K "have been blown well out of proportion," according to Gasper. "The psychology of Y2K is probably the most important thing to worry about, because people are changing their habits in anticipation that something will go wrong."

Gasper's first job after graduating from WSU was with NCR Corporation, writing software for automatic teller machines. The machines were coming into wider use, and Gasper wanted to explore their potential. In 1983, with a \$500 investment, he started Gasper Corporation.

"I saw that ATMs were going to start becoming much more popular," Gasper says. "We saw a need for a tracking and management system to manage the servicing of those machines."

Gasper's former employer noticed his success. Last September, NCR announced it had purchased Gasper Corporation for an undisclosed amount. The deal combines NCR, a leading ATM manufacturer, with Gasper Corporation, a leader in ATM service. The company will operate as a subsidiary of NCR, with its headquarters and management remaining in place.

Gasper was one of a handful of students at WSU majoring in quantitative business analysis during the late 1970s. He enjoyed the combination of business, math, and computer courses. Gasper recalled the rigors of calculus, as taught by Professor Tapas Mazumdar.

"He really pushed us to excel," Gasper says. "It wasn't the calculus experience as much as the life experience of being pushed. A lot of what I learned at Wright State helped me in making this business very, very successful."

Another professor, Michael Cleary, introduced Gasper to the Demming management philosophies that Gasper later embraced. Some of the principles include:

- Be very close to your customers. Listen to what they have to say.
- Always strive to get better. Never be satisfied with where you are.
- Measure, measure, measure. Measure everything you get. What gets measured gets done.

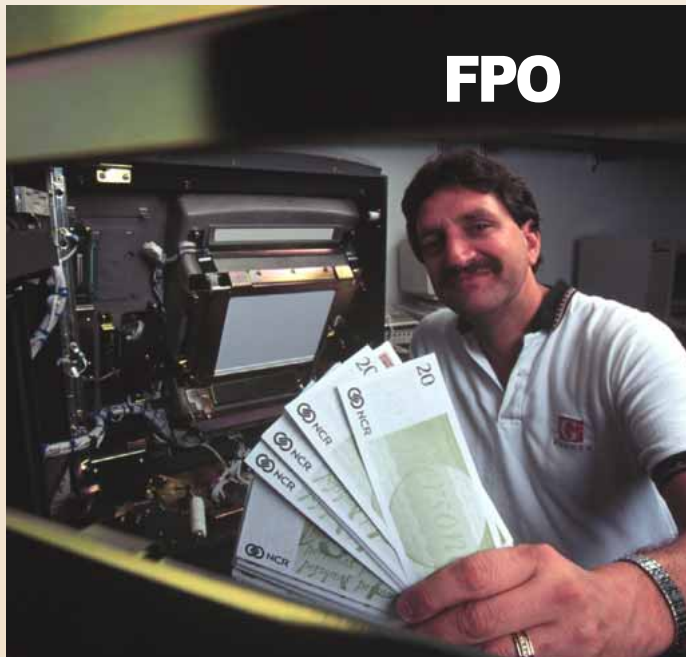
Gasper Corporation has grown to 80 employees overall—70 in the Dayton area. There's room for more, but Gasper says, "there's a worldwide shortage of software developers." Gasper believes WSU is training good people, but wishes more students were choosing information technology careers.

Gasper sits on the board of the IT Alliance, which promotes the information technology industry in the Dayton area and encourages young students to pursue information technology careers. He's also chaired the Dayton Area Chamber of Commerce CEO development course. Gasper believes to succeed in business, one must understand why businesses fail. He advises would-be entrepreneurs to "pursue your dreams, but do your homework." □

— John Bennett

David Gasper tests out his ATM software using NCR play money. NCR gave him plenty of the real thing when it purchased his company this fall.

Photo by Scott Kissell



**Kathleen McDermott (B.A.)** has joined the Baltimore office of Blank Rome Cornisky & McCauley LLP as a member of the firm's health care department where she will concentrate on fraud and abuse. McDermott was previously the first affirmative civil enforcement coordinator for the



U.S. Attorney's Office, where she established the office's civil fraud program.

**Chris Johnson (B.S.)** was selected as a recipient of the 1999 Governor's Medal for Science and Technology Award. Michael O. Leavitt, the governor of Utah, presented Johnson with the award. The National Computational Science Alliance also published a story about the award.

### CLASS 1983

**Erin O'Brien (B.A.)** became an account manager in direct marketing for Northlich Stolley LaWarre last April. O'Brien previously served as an account executive for Creative Source International in Boise, ID.



### CLASS OF 1984

**Phyllis Brzozowska (B.A.)** was named the new executive director of the Dayton Contemporary Dance Company last May. Previously, Brzozowska served as executive director of Cityfolk, a folk and ethnic arts organization which she co-founded in 1981.

**Mary L. Pirozok (M.S.)** teaches personal growth classes and is a member of Counseling Services at Clark State Community College.



## CLASS OF 1986

**Brenda Cooper (B.A.)** is director of women's studies at Utah State University and assistant professor in the Department of Communication. She has recent publications in *Critical Studies in Mass Communication*, *Quarterly Journal of Speech*, and *Howard Journal of Communication*.

## CLASS OF 1987

**Robert Daniel Cowley (Psy.D.)** has been providing house calls to the elderly in the Carolinas for the past 30 years. The psychological evaluations provided by Cowley allow for the diagnosis and treatment of depression, Alzheimer's-type dementias, stroke-related dementias, mental problems related to disease, anxiety, agitation, and other disorders.

**Cathy Morrow (M.B.A.)** was promoted to director of business analysis for the southern California market area of Unisource.

## CLASS OF 1988



**Anthony A. Cloud (B.S.B.)** was promoted to senior manager at the Dayton office of Deloitte & Touche.

**Mark Lehar (B.A.)** is geologist and owner of Millennium E/RS. He is married and has two children, Alex, 8, and Danielle, 6.

## CLASS OF 1989

**Jill J. Jay Couch (B.S.Ed.)**, attorney, is now practicing law at her own firm, the Law Offices of Jill J. Jay Couch. Prior to earning her Juris Doctorate from Capital University, Couch was a teacher at Wayne High School in Huber Heights.



**Patrick H. Buchenroth (B.S.B.)** was promoted to senior manager at the Dayton office of Deloitte & Touche.

**Martin Fahrer (B.F.A.)** is part of the design team that received an Emmy nomination for their work on the NBC daytime drama *Another World*. The nomination was in the Art Direction/Set Direction/Scenic Design category for a drama series. Fahrer's previous television work includes a PBS production, a Nickelodean pilot and program, several music videos and commercials, *Politically Incorrect with Bill Maher*, and *The RuPaul Show*.



**Marlena A. Jent (B.S.B.; 97 M.B.A.)** has joined the Dayton office of Deloitte & Touche as a manager in its international tax practice.

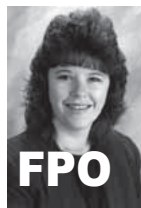
◆ **Gary F. Lynch (B.S.)** received his M.B.A. from Webster University in the spring of 1998. Lynch is a financial analyst for the U.S.A.F. at Wright-Patterson AFB.

**Danny Voris (B.Mus.)** and his band, The Danny Voris Project, are in the process of recording a CD. The Danny Voris Project, which features the Festive Skeletons, plays locally at the Oregon Express and features original music by Voris. In addition, Voris also teaches classical guitar to more than 40 students.

## CLASS OF 1990

◆ **Suzanne L. Frawley (B.S.)** has been promoted to U.S. training manager for Pharmacia & Upjohn Animal Health. She and her family have relocated to Richland, MI.

**Yma Frison (B.Mus.)** made her debut with the Oshawa-Durham Symphony Orchestra last December, singing Mozart's "Exultate Jubilate." Frison sang as a guest performer for the Northern Opera Theatre in 1992 and 1993. She was later offered the role of Musetta in G. Puccini's opera "La Bohème" by Opera Midi, as well as the title role in Puccini's "Suor Angelica." Frison, who resides in Oshawa, Ontario, has been a featured soloist in a variety of oratorio engagements, including Handel's *Messiah*, Mendelson's "Elijah," Mozart's "Motette," and J. S. Bach's "Magnificat."



**Joette M. Funderburg (B.S.B.)** was promoted to manager at the Dayton office of Deloitte & Touche.

## CLASS OF 1991



**Kathy Franck (B.S.B.)** has been named project manager for the Advanced Integrated Manufacturing Center at Sinclair Community College. Franck is responsible for developing proposals based on client needs, including budgets, milestone schedules, and project staffing. Previously, Franck worked for the NCR Corporation as a services product manager of worldwide client/server products in Customer Support Services in Dayton.

◆ **Irene Knapp (B.S.)** recently graduated from Ohio Northern University's Pettit College of Law with the degree of Juris Doctor. While at Ohio Northern, Knapp was active in Moot Court, Legal Association of Women, and the Italian-American Legal Society.



**Claude Lane Nickerson (B.A.)** received a Master of Divinity degree from Cincinnati Bible College and Seminary last May. Nickerson presently serves in the Ohio National Guard as a chaplain's assistant and is employed by Champaign Residential Services. Nickerson previously served as a forward observer for the field artillery in the U.S. Army.

**Alice Passer (M.D.)** joined the Charles A. Dean Memorial Hospital and Nursing Home consulting medical staff in March.

## CLASS OF 1992

**Bryan J. Bucklew (B.A.)** was promoted to vice president of government affairs for the Dayton Area Chamber of Commerce.



**Christopher E. Dosland (B.S.B.)** was promoted to manager at the Dayton office of Deloitte & Touche.

**Rainer Effenhauser (M.S.)**, one of the leading physicians for NASA at the Johnson Space Center in Houston, was in charge of the crew of the shuttle that carried first female commander Eileen Collins into space last July. Throughout Collins's training, Effenhauser often flew with her in a T-38 jet trainer.



**Daniel W. Koors (B.S.B.)** was promoted to manager at the Dayton office of Deloitte & Touche.

## CLASS OF 1993

◆ **Linda Ann Rudzinski (B.A.)** is the president of the Dayton Piano Teachers Study Club.

◆ **Michael E. Vanderburgh (B.A.)** began as director of Planned Giving for Clarke College in Dubuque, IA, last July. Vanderburgh, his wife, Ann Marie, and their first child, Leo Xavier, relocated to northwest Illinois in January.

## CLASS OF 1994

**Georganna M. (Silverwood) Blevins (B.S.)** achieved the designation of Certified Purchasing Manager (C.P.M.) in June 1998.

**Jane M. (Suhr) Peterson (M.Ed.)** received National Board Certification last spring, bringing the current number of National Board Certified teachers in Ohio to 339—ranking Ohio second in the nation. To gain national certification, teachers must complete an extensive series of rigorous performance-based assessments, including portfolios of student work, videotapes, and other documentation to test their knowledge of their content area and their ability to manage and measure student learning.

**Ronald D. Wine (M.B.A.)** has been named president and chief executive of the Miami Valley Economic Development Coalition. The Coalition is a non-profit organization that works on retaining and adding jobs in Miami Valley's core industries, such as technology, tool and die, aerospace defense, and auto manufacturing.

**David Yu (B.A.)** is chief executive of a \$16 million family-owned computer company that he operates with his father, mother, and brother. UCR Computers sells computer hardware, software, and services to small- and medium-sized businesses and performs government contract work.

### CLASS OF 1995

**1st Lt. Gerald T. Campbell (B.A.)**, of the Air Force, was recently designated an electronic warfare officer upon graduating from the Joint Aviation Electronic Warfare Course at the Naval Technical Training Center. During the eight-week course, Campbell received instruction on intercepting, identifying, and disseminating information generated by airborne electronic warfare systems.

**Dave Fisher (B.S.Ed.)** began his first season as the varsity baseball coach for Fairmont High School last spring. Fisher, a government instructor, has been part of the baseball program for three years and the basketball program for five. During the past two seasons Fisher also served as a reserve baseball coach and compiled a 26-2 record in Western Ohio League games.

**Diane E. Latimer (PsyD.)**, a full partner with Insight Counseling Center in Wilmington, NC, opened a second office in Southport, NC, last July.

**David M. Waltz (B.A.; 97 M.A.)** began as first municipal administrator of Silverton in Hamilton County last August.

### CLASS OF 1996

**Ryan Abshear (B.A.)** recently graduated from Ohio Northern University's Pettit College of Law with the degree of Juris Doctor. While at Ohio Northern, Abshear was active in the Street Law Program.

**Melissa Twarek (B.S.)** graduated with a master of science degree in computational mathematics from Clemson University last May.



**Jeff Warman (B.A.)** has joined Northlich Stolley LaWarre, the region's largest integrated marketing communications firm, as copywriter.

Warman previously worked as an associate producer for CBS News in New York.

**Jennifer Whitestone (M.S.Egr.)** founded Total Contact Inc., a company that uses three-dimensional technology to create comfortable masks that minimize scarring in burn victims. Previously, Whitestone was a biomedical engineer at Wright-Patterson Air Force Base where she used the same technology to design better oxygen masks for fighter pilots and chemical warfare gear for soldiers. Total Contact provides the software and hardware to make burn masks and is also a key distributor of the scanning systems used to measure the patients for the masks.

## What's Up? Alumni Association Calendar of Events

[www.wright.edu/alumni/calendar.html](http://www.wright.edu/alumni/calendar.html)

Following is a list of confirmed Alumni Association-supported events. Many more are in the planning stages. Events, dates, and times are subject to change, so please call Alumni Relations at (937) 775-2620 or check our web site for the latest information.

#### Saturday, December 4

WSU Commencement and New Graduate Reception at the Nutter Center.

#### Thursday, December 30

WSUAA Annual Beer Tasting. Join us in the Berry Room of the Nutter Center after the men's basketball game vs. Michigan State.

### CLASS OF 1997

**Mike Mathile (97 B.S.B.)**, former Chaminade-Julienne, Wright State, and Indianapolis Indians pitcher, coached his first-year of baseball for Chaminade-Julienne High School, leading them to a 12-15 finish. Mathile has been praised by his players for his motivation and enthusiasm, and for "restoring the baseball tradition at C-J."

◆ **Erika Maxwell (B.S.N.),**

◆ **Valerie Ragland (B.S.N.),**

◆ **Rhonda Williams (B.S.N.)** held a grand opening for the First Steps Child Care Center on May 17. The center has a staff of 17 employees and will serve children from the ages of six weeks to 12 years.

**John Smith (97 B.S.Ed.)**, a sixth grade teacher for Parkwood Elementary school and an Air Force Reserve technical sergeant, began his spring break early when he took part in a mission supporting the NATO bombing attack on Yugoslavia last March by serving as loadmaster for the C-141 Starlifter airplane. Smith, who had experience flying a couple of previous missions, was part of the squadron that carried military assets from the U.S. to a European staging area.

### CLASS OF 1998

◆ **John Stanley (B.S.Ed.)** began teaching at Northmont Middle School last year and coached the eighth-grade girls' basketball team, which took the Greater Miami Valley Conference tournament title in February.

### BIRTHS

**Joseph Apone (77 M.S.)** and his wife, Catherine, celebrated the birth of their son, Jacob Joseph Alexander, last March. Joseph also recently became an applied analyst with EDS in Dayton.

**Lora Connelly (82 B.A.)** and her husband, Bernie, announce the birth of their son Brian Patrick in April 1999. Brian joins sisters Lisa Annemarie, 7, and Lara Dawn, 4.

◆ **Thomas F. Saylor (B.S.Ed.)**, a teacher at Kettering City Schools, celebrated the birth of a son in August 1999. Saylor was married in August 1996 and welcomed the birth of a daughter in May 1998.

### DEATHS

**Daniel H. Brown (90 A.A.B.)** died last March at the age of 34. Brown attended the Salvation Army, N.W. Corps.

**Jill Leigh Schmidt (73 B.A.)**, newly appointed assistant director of education at the Boonshoft Museum of Discovery, died unexpectedly last July of a brain aneurysm.

**Dale C. Stamps (80 B.A.)** died in November 1998.

### OUTSTANDING SERVICE AWARD

◆ **Shirley Ivory (95 M.Ed.)**, assistant professor of Computer Information Systems at Sinclair Community College, has received an Outstanding Service Award from the Dayton chapter of the Black Data Processing Associates (BDPA).



Ivory received the award for contributions she made to the Black Data Professionals Computer Camp sponsored by Sinclair for inner city youth in grades 9-12.

The annual computer camp consists of training in computer programming, database design, web page development, professional development, and business ethics. Each year the students involved in the camp compete nationally by showing their progress and their contributions to the team project during the 14-week program. Ivory has been an assistant professor at Sinclair since 1992.



## EDUCATORS HONORED FOR EXCELLENCE

**Linda DeVelvis (86 M.Ed.)**, currently 10th and 11th grade history teacher at Sidney High School, was named Middle School Teacher of the Year by the Ohio Council for Social Studies for her work as an eighth grade social studies teacher at Bridgeview. She was nominated by Sidney High School teacher Bill Ross and was recognized at the organization's spring conference in Columbus. DeVelvis was recognized in 1997 with the Ashland Teacher of Achievement award for Ohio.

**Ginny Dowd (87 B.S.Ed.)**, first grade teacher at Kyle Elementary School in Troy, has been selected as a winner of the 1999 Jennings Master Teacher Award presented by the Martha Holden Jennings Foundation. The award includes a grant of \$6,000 for use at her school and is among the highest awards the foundation gives to an educator. Dowd plans to use the grant to fund student field trips and for purchase of computer software for an accelerated reading program.

**Sandy Hayes, RN, (88 B.S.N.; 99 M.S.)** won the National Nursing Staff Development Organization (NNSDO) award for Excellence in Educational Technology last February for her work as a registered nurse and a corporate education trainer/educator for The Children's Medical Center in Dayton. Hayes' Computer Assisted Instructional (CAI) module, which she completed for her master's degree, provides education about bicycle safety and injury prevention techniques to health care professionals. The module, available on The Children's Medical Center Web site, offers continuing education credits to RNs upon completion of the module requirements.

Currently, Hayes is working as a pharmaceutical sales specialist with Pharmacia & Upjohn. She has recently started her own educational consulting company entitled "Tools for Trainers" and presents at many National Nursing Staff Development Conferences across the country.

**April L. Green Holst (75 B.S.Ed.)**, first grade teacher at Pearl Stephens Elementary in Warner Robins, GA, was voted the 1998-99 Teacher of the Year. She was also chosen as one of only 19 educators from Houston County to attend the International Reading Association Convention in San Diego, CA.

**Jean Long (74 M.Ed.)**, former teacher and administrator for Dayton Public Schools, was recognized last March by former students, co-workers, family members, and friends during a luncheon. Long, who retired last November, was employed at Dayton Public Schools for more than four decades, teaching students in every grade except kindergarten and seventh grade. In 1974, she became part of the administration at Whittier Elementary, where she remained until her retirement. Long also taught at Sinclair Community College and Wright State University.

**Ann Niess (76 B.S.Ed.)**, first grade teacher at Kinder Elementary School in Miamisburg, was named the Sam's Club Teacher of the Year and received a \$500 grant last May for her work to get parents more involved in their children's education. Niess, who established the Family Room at Kinder so that parents have a comfortable area to come to when they visit the school, is also in charge of the Parent Involvement Program that promotes parents as volunteers at the school.

**Donald R. Nims (68 B.A.)** received the 1999 Faculty Award for Research and Creativity in the College of Education and Behavioral Sciences at Western Kentucky University.

**Of the 12 Miami Valley teachers** to receive the Excellence in Teaching Award last May from the Alliance for Education, three of the educators were Wright State alumni. These teachers were honored for compassion for their students, innovative teaching methods, passion for the profession, and community involvement.

## MIAMI VALLEY HOSPITAL RECOGNIZES NURSES

Five WSU College of Nursing and Health graduates received recognition by their peers during the Miami Valley Hospital 12th Annual Nurses' Recognition Program last May.

**June Litmer (82 B.S.N.)**, a clinical nurse in the PACU, was recognized in the area of education. Litmer chairs her unit council and the Professional Practice Committee.



**Cheri Waker (91 M.S.)** was recognized in the area of leadership. Waker is the author of the Miami Valley Hospital's TQ user manual and a member of the case management work group that redesigned the case management model.



**Cathy Trame (97 M.S.)** received recognition in the area of performance improvement/research. Trame works in the area of pain block and anesthesia where she interacts with patients to find a medication regime that will alleviate their pain. She is also responsible for the house-wide education of all RNs, PCTs, and physicians. Trame also created a video and self-learning packet that was instrumental in addressing global management.



**Jon Reichman (90 B.S.N.)** received recognition in the area of leadership. Reichman works in the ETC where he frequently acts as a preceptor.



**Nancy Sweet (99 B.S.N.)**, a CareFlight nurse, was recognized in the area of education. Sweet is the chairperson of a committee and responsible for community education.



**Anne Paulson (80 M.Ed.)**, eighth grade physical science teacher at Northmont Middle School.



**Barb Westendorf (76 B.S.Ed.)**, fourth grade teacher at Cline Elementary in Centerville.



**Dennis Wick (71 M.Ed.)**, 12th grade diversified cooperative training teacher at Centerville High School.

## Men's Basketball Outlook

By Robert Noss  
Assistant Athletic Director for Sports Information

**W**ith number two all-time scorer Keion Brooks gone from this year's roster, the Raiders will be looking to returning players Kevin Melson, Marcus May, and Israel Sheinfeld to take the helm in the starting line up.

Melson, last year's MCC Newcomer of the Year, opened some eyes around the nation last season when he averaged 14.6 points, led the team in rebounding at 6.7 boards a game, and blocked 29 shots. He also brought many intangibles such as a sense of quiet leadership to the young squad.

May, also a member of the MCC Newcomer Team, has just the opposite personality of Melson. "Bullet," as his teammates call him, will be looked to provide that energetic leadership style during games as well as during practices. The Indianapolis native led the Raiders in assists and did his share of scoring as well last year, posting a career-high 25 points at Northern Iowa.

Third leader could come from Sheinfeld who will enter his second season at WSU after spending three years in the Israeli army. He averaged 4.0 points while playing 27 games, starting once.

Others return with an eye on starting roles as well, such as center Bruno Petersons, lone senior Steve Yeagle, junior Onome Scott-Emuakpor, and sophomore Louis Holmes.

Petersons started the first 15 games of last year and has worked extremely hard on his strength in the off-season with new strength coach Matt Beckedal. Look forward to a battle when the Raiders match up with St. Mary's and their 7-3 center.

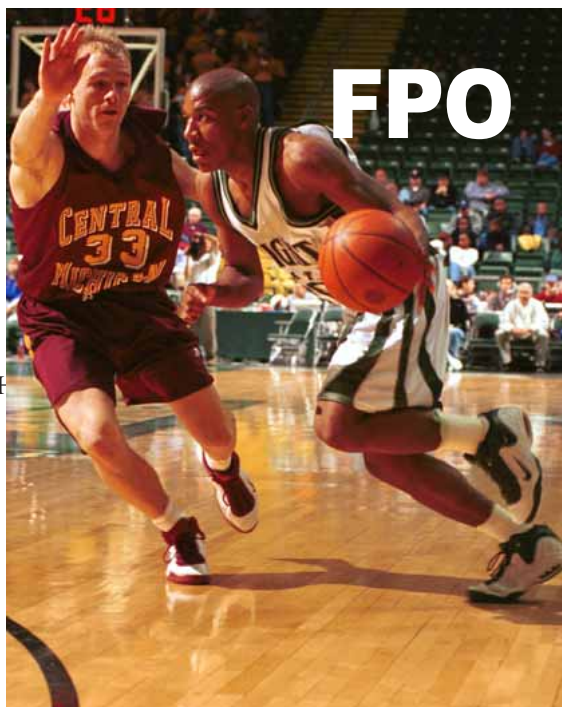
As the only fourth-year player, Yeagle's experience could prove to be valuable at both guard spots. The Ohio native started once last year but came off the bench to provide a three-point threat when needed.

Scott-Emuakpor, nicknamed "O," provided sparks of his own last year, including the game-winning three pointer against UIC—his only three pointer of the season. He is one of the best pure athletes on the roster and has shown glimpses of brilliance during his first two campaigns.

A Cleveland-area native, Holmes also showed Raider fans how he averaged over 29 points a game as a high school senior. Hampered by injuries during his rookie season, he is convinced this is his year to break loose.

One of the best recruiting classes in the league, newcomers include commitments from Ohio, Indiana, and north of the border in Canada: Joe Bills (Zanesville, OH/Rosecrans), John Watkins (Waterloo, IN/DeKalb), and Thomas Hope (Waterloo, ONT/Bluevale).

Head coach Ed Schilling will also have two walk-ons that turned down scholarship offers from other schools—sophomores Emmanuel Stone (Wooster, OH) transferred last year from California (PA) and Tyson Freeman (Toledo, OH/Scott) sat out last season. ■



Sophomore Marcus May was named to the MCC All-Newcomer team last year, starting all but one game for the Raiders.

# Recruit

**#13 Joe Bills**  
**6-0 Guard Freshman**  
**Zanesville, OH/Rosecrans**



**Coach Schilling on Bills:** "Bills got a preview of playing in the Nutter Center when he helped Team Ohio to the championship of the Wendy's Classic last summer. He also brings an intangible—a winning attitude, which helped his high school team post an outstanding record over his four years."

**Notes:** Sleeper who looks to help the Raiders as a freshman and push for playing time...gym rat...consistent ball handler...hard worker on and off court. At Rosecrans: Averaged 21.9 points as a senior after averaging 28 points the year before...averaged three assists over the last two years...can play either guard spots...named to the Academic All-Ohio Team last year...*USA Today* and *Street & Smith* Honorable Mention All-America Teams...fourth in voting for Ohio's Mr. Basketball...participated in Ohio/Kentucky All-Star Game, North/South All-Star Game, Ohio/West Virginia All-Star Game...starred in the Wendy's Classic played at the Nutter Center...1,602 career points...shot 52% from the field last year...Division IV Player of the Year as a junior...team went 21-2 as a senior and 81-15 in four years...son of John and Joanne Bills...born on August 19, 1980...signed on April 8, 1999. ■



# Spotlight

**#20 Katie Bussan**  
**6-2 Forward Freshman**  
**Beloit, WI/Memorial**



**Coach Fitch on Bussan:** “I am very excited about having Katie Bussan join our program. This is one of the best classes we’ve ever had coming in and Katie highlights that group. She should make a significant contribution to our program right away with her abilities and also help in the building of our program.”

**Notes:** Signed with Wright State in the fall of 1998...lettered all four years in basketball for the Purple Knights...named All-Big Eight Conference all four years as well as all-city...team captain and MVP as a senior as she averaged 12.6 points, seven rebounds, three assists, and 2.4 steals per game... averaged 14 points per game as a junior while collecting 127 rebounds, 49 assists, 39 steals, and 38 blocks for the season...shot 50 percent from the field and 73 percent from the foul line in 1997–98...named honorable mention all-state as a junior as team won the league title and set a school record for wins in a season with 20...holds school record with 1025 points in her career...also lettered in volleyball, where she was a two-time all-conference selection and team MVP as a junior, and in softball as a short-stop...daughter of Merlin and Merla Bussan...has one brother. ☐

Photos by Scott Kissell

## Women's Basketball Outlook

By Matt Zircher  
 Associate Sports Information Director

**T**he Wright State women's basketball team launches its 1999–2000 campaign with eight letterwinners and all five starters returning.

“I am very excited about our prospects for this season,” said third-year head coach Lisa Fitch. “We have a solid group of returnees and our newcomers should be able to contribute right away.”

Leading the list of returnees is junior forward Reggen Stewart, the only Raider to start every game last season and who averaged 12.6 points and 6.3 rebounds per game last season. She was selected Second Team All-Midwestern Collegiate Conference.

Another key returnee is senior forward Jess Van Der Geest, who led the team in rebounding last season at 7.0 per game and set a Raider record by going 10 for 10 from the field in a win at Morehead State.

The other two returning seniors are forward Lenora Combs, who finished second in scoring at 10.7 points per game and in threes made with 32, and center Jeannine Andrews, who contributed significant minutes off the bench last season and was fifth on the squad in rebounding.

Along with Stewart, the Raiders return three other juniors, each of them guards with significant starting experience—Chanda Hollingsworth who with 188 three pointers in two seasons holds the third all time high slot; Mandy Jelinek, who looks to bounce back from a knee injury that cut her season short after just 14 games; and Amber Williams, who was named to the MCC's All-Defensive Team and led the Raiders in steals with 41 last year.

Sophomore center Renada Springer and redshirt freshman center Kelli Morris round out the returnees to the Raider roster.

The Raiders will have five newcomers to this year's roster—forward Katie Bussan and guard Julie Christensen come from strong high school programs in Wisconsin; forward Danyelle Sawyer who played for Pickerington, the defending Division I state champion in Ohio and annually one of the top programs in the country; forward Brie Pennington, who hails from the Columbus area; and guard Leslie Weaver, who is the fifth Wright State player on this year's roster to come from Indiana.

WSU opens the home portion of its schedule on Tuesday, November 23, against Xavier, a team that advanced to the second round of the NCAA Tournament last season. ☐



Junior forward Reggen Stewart was a Second Team All-Midwestern Collegiate Conference performer last season as she led the Raiders in scoring.

# Swimming and Diving Outlook

By Matt Zircher  
Associate Sports Information Director

**T**he Wright State swimming and diving programs look to continue their winning ways this season. Last year, the women’s team won the Midwestern Collegiate Conference title and the men finished second. The women’s crown was the ninth won by either team in the last eight years under head coach Matt Liddy.

Key returners for the women include junior Chasi Riley—who was the conference champion in the 100 backstroke and holder of WSU’s best times in the 200 backstroke and 100 butterfly—and senior Sarah Green, who had the best times in the 50 and 100 freestyle. Also returning for the Raiders is sophomore Sheila Dalton, who had Wright State’s top scores in four diving events last season, and senior Sarah Wiseman, who had the top time in the 400 individual medley.

The top returners on the men’s side include senior Adam Cicora, who was the conference champion in the 200 freestyle last season, and fellow senior Mike Besco, who held Wright State’s top times in the 100 and 200 breaststroke and was part of the 200 and 400 medley relay team that set records in winning MCC titles. Sophomore Kristopher MacKinlay will be counted on in the breaststroke and individual medley competitions while sophomore Warrick Mann leads the way in diving.

The Raiders also have a strong incoming class led by Katy Colmenares on the women’s side and Leonard Ngoma on the men’s side.

“I am very excited about our incoming class,” said Liddy. “It is one of the best classes we’ve ever had and each should make a significant contribution to our program right away. We try to bring in top talent on the local, national, and international levels and this class is a good mixture of those two.”

Wright State again faces a tough schedule as the Raiders face LSU as well as Oakland, Miami, Bowling Green, and Western Kentucky. The season wraps up with the MCC Championship in Cleveland February 23–26.



This swimmer shows the form that helped the WSU women’s swimming and diving team bring home the MCC Championship last year in Chicago.

## 1999–2000 Swimming & Diving Schedule\*

DECEMBER			
10	Friday	at Tampa	TBA
JANUARY			
8	Saturday	XAVIER	1:00 p.m.
15	Saturday	WESTERN KENTUCKY	1:00 p.m.
21	Friday	at Wittenberg	5:00 p.m.
22	Saturday	LSU	11:00 a.m.
Parents and Alumni Weekend			
28	Friday	BUTLER	4:00 p.m.
29	Saturday	CLEVELAND STATE & ILLINOIS-CHICAGO	1:00 p.m.
FEBRUARY			
5	Saturday	at Cincinnati	11:00 a.m.
23-26	Wed.–Sat.	MCC Championship (Cleveland, OH)	All Day

### HOME MEETS IN BOLD CAPS

All Times Eastern  
\*Season started in October.  
Schedule reflects remaining season as of press time.

# Recruit Spotlight

**Katy Colmenares**  
**Backstroke/Freestyle**  
**Freshman**  
**Palm Harbor, FL/East Lake**



**C**olmenares finished second in the state in the 100 backstroke as a senior and set school records in the 50 and 100 freestyle, events that she will compete in at WSU.

**Leonard Ngoma**  
**Breaststroke/  
Individual Medley**  
**Freshman**  
**Mfulira, Zambia/  
Bolles(FL)**



**N**goma competed on the Zambian National Team and holds their national record for two breaststroke events.

ON THE WEB [www.wright.edu/athletics/](http://www.wright.edu/athletics/)





# HOMECOMING 2000

FEBRUARY 10-12, 2000

## FRIDAY, FEBRUARY 11

6:00 p.m. Alumni Recognition Dinner/Dance

## SATURDAY, FEBRUARY 12

10:30 a.m. College/School Brunches

Noon Spirit Rally

1:30 p.m. WSU men's basketball game vs. Detroit

# HOWL & PROWL



Call the Office of Alumni Relations at (937) 775-2620.

## 1999–2000 Men's Basketball Schedule

### November

6	Saturday	CARLETON U.-CANADA (Ex)	1:35 p.m.
15	Monday	ATHLETES IN ACTION (Ex)	7:05 p.m.
19	Friday	at Pittsburgh	7:30 p.m.
23	Tuesday	at Central Michigan	7:05 p.m.
27	Saturday	at Texas-Pan American	8:35 p.m.
30	Tuesday	<b>SOUTH ALABAMA</b>	7:05 p.m.

### December

4	Saturday	<b>NORTHERN IOWA</b>	7:05 p.m.
7	Tuesday	at Morehead State	7:05 p.m.
13	Monday	at St. Mary's (CA)	10:35 p.m.
16	Thursday	<b>PRAIRIE VIEW A&amp;M</b>	7:05 p.m.
18	Saturday	at Miami (OH)	7:05 p.m.
21	Tuesday	<b>NORTHERN ILLINOIS</b>	7:05 p.m.
23	Thursday	<b>ST. MARY'S (CA)</b>	7:05 p.m.
30	Thursday	<b>MICHIGAN STATE</b>	7:05 p.m.

### January

3	Monday	<b>TENNESSEE STATE</b>	7:05 p.m.
8	Saturday	at Butler*	2:05 p.m.
13	Thursday	at Detroit*	7:05 p.m.
15	Saturday	at Cleveland State*	3:05 p.m.
20	Thursday	<b>WISCONSIN-MILWAUKEE*</b>	7:05 p.m.
22	Saturday	<b>WISCONSIN-GREEN BAY*</b>	1:35 p.m.
27	Thursday	at Loyola*	8:05 p.m.
29	Saturday	at Illinois-Chicago*	4:05 p.m.

### February

5	Saturday	<b>BUTLER*</b>	7:05 p.m.
10	Thursday	<b>CLEVELAND STATE*</b>	7:05 p.m.
12	Saturday	<b>DETROIT*</b>	1:30 p.m.
17	Thursday	at Wisconsin-Green Bay*	8:05 p.m.
19	Saturday	at Wisconsin-Milwaukee*	8:05 p.m.
24	Thursday	<b>ILLINOIS-CHICAGO*</b>	7:05 p.m.
26	Saturday	<b>LOYOLA*</b>	7:05 p.m.

### March

4–7	Sat.–Tues.	MCC Championship (Chicago, IL)	TBA
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\*Indicates an MCC game

#### HOME GAMES IN BOLD CAPS

All dates and times are subject to change.

All times are eastern

Games heard live on WONE (980 AM) and WIZE (1340 AM)

Each home game shown tape delayed at 10 p.m. on Time Warner Cable, Channel 30

## 1999–2000 Women's Basketball Schedule

### November

4	Thursday	FOREIGN TEAM (Exhibition)	7:00 p.m.
16	Tuesday	CINCINNATI ALL-STARS (Exhibition)	7:00 p.m.
20	Saturday	at Dayton	7:00 p.m.
23	Tuesday	<b>XAVIER</b>	7:00 p.m.

*Coors Classic (Boulder, CO)*

26	Friday	Washington State vs. Western Michigan	7:30 p.m.
		Wright State at Colorado	9:30 p.m.
27	Saturday	Consolation	7:30 p.m.
		Championship	9:30 p.m.

### December

1	Wednesday	<b>MIAMI</b>	7:00 p.m.
6	Monday	<b>MOREHEAD STATE</b>	7:00 p.m.
9	Thursday	at St. Bonaventure	7:00 p.m.
11	Saturday	at Canisius	5:00 p.m.
15	Wednesday	<b>DENVER</b>	7:00 p.m.
18	Saturday	<b>INDIANA STATE</b>	2:00 p.m.
20	Monday	at Ball State	7:00 p.m.
30	Thursday	<b>YOUNGSTOWN STATE</b>	5:00 p.m.

### January

13	Thursday	<b>ILLINOIS-CHICAGO*</b>	7:00 p.m.
15	Saturday	<b>LOYOLA*</b>	2:00 p.m.
22	Saturday	at Butler*	4:00 p.m.
27	Thursday	at Detroit*	7:00 p.m.
29	Saturday	at Cleveland State*	2:00 p.m.

### February

3	Thursday	<b>WISCONSIN-MILWAUKEE*</b>	7:00 p.m.
5	Saturday	<b>WISCONSIN-GREEN BAY*</b>	2:00 p.m.
10	Thursday	at Loyola*	5:30 p.m.
12	Saturday	at Illinois-Chicago*	5:30 p.m.
17	Thursday	<b>BUTLER*</b>	7:00 p.m.
24	Thursday	<b>CLEVELAND STATE*</b>	5:00 p.m.
26	Saturday	<b>DETROIT*</b>	2:00 p.m.

### March

2	Thursday	at Wisconsin-Green Bay*	8:00 p.m.
4	Saturday	at Wisconsin-Milwaukee*	3:00 p.m.
9–11	Thur.–Sat.	MCC Championship (Detroit, MI)	TBA

#### HOME GAMES IN BOLD CAPS

All Times Eastern

\*Midwestern Collegiate Conference games

Home games live on Time Warner, Channel 30



**WRIGHT STATE**  
UNIVERSITY

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