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Community

The Magazine of Wright State University

FALL 1996

VOLUME 2 NO. 1

A photograph of a scientist with a beard and mustache, wearing a white lab coat, working in a laboratory. He is holding a petri dish with a green substance (blue-green algae) in his right hand and a pipette in his left hand. The background is dark, and several other petri dishes are visible, some containing the same green substance. The lighting is dramatic, highlighting the scientist and the petri dishes.

The Power of Blue-Green Algae

FALL FACTS

- Total enrollment is 15,697
- 65 percent are full time
- 55 percent are women
- 12 percent are minority students
- 2,130 live in student housing
- 2,904 degrees were granted during 1995-96
- Undergraduate grade point average is 2.814
- Average age of all students is 26.4 years
- 59 percent of all students come from Montgomery, Greene, Clark, and Miami Counties
- 10 percent of undergraduates have all of their classes after 4 P.M.



Community

The Magazine of Wright State University

FALL 1996

VOLUME 2 NO. 1

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Cyanobacteria, more commonly known as blue-green algae, have been linked to deaths in farm animals and humans. WSU's Wayne Carmichael is researching how this ubiquitous bacteria have the potential to harm and to heal. (Cover photo: Scott Kissell)

12 BUILDING DREAMS

WSU's Habitat for Humanity Club: Students Lend a Helping Hand

18 TROUBLE IN HAITI: A CARIBBEAN NATION ON THE BRINK

WSU history professor John Sherman traveled to Haiti last summer to study a small nation trying to overcome a legacy of oppression and violence. For his students, it's a lesson in the struggle for democracy.

20 HELPING PARALYMPIC ATHLETES GO FOR THE GLORY

Roger Glaser's research into the electrical stimulation of paralyzed muscles helped one WSU alumna earn a bronze medal in last summer's paralympics.

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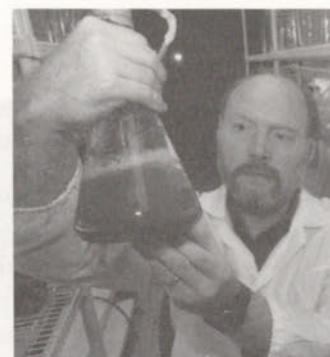
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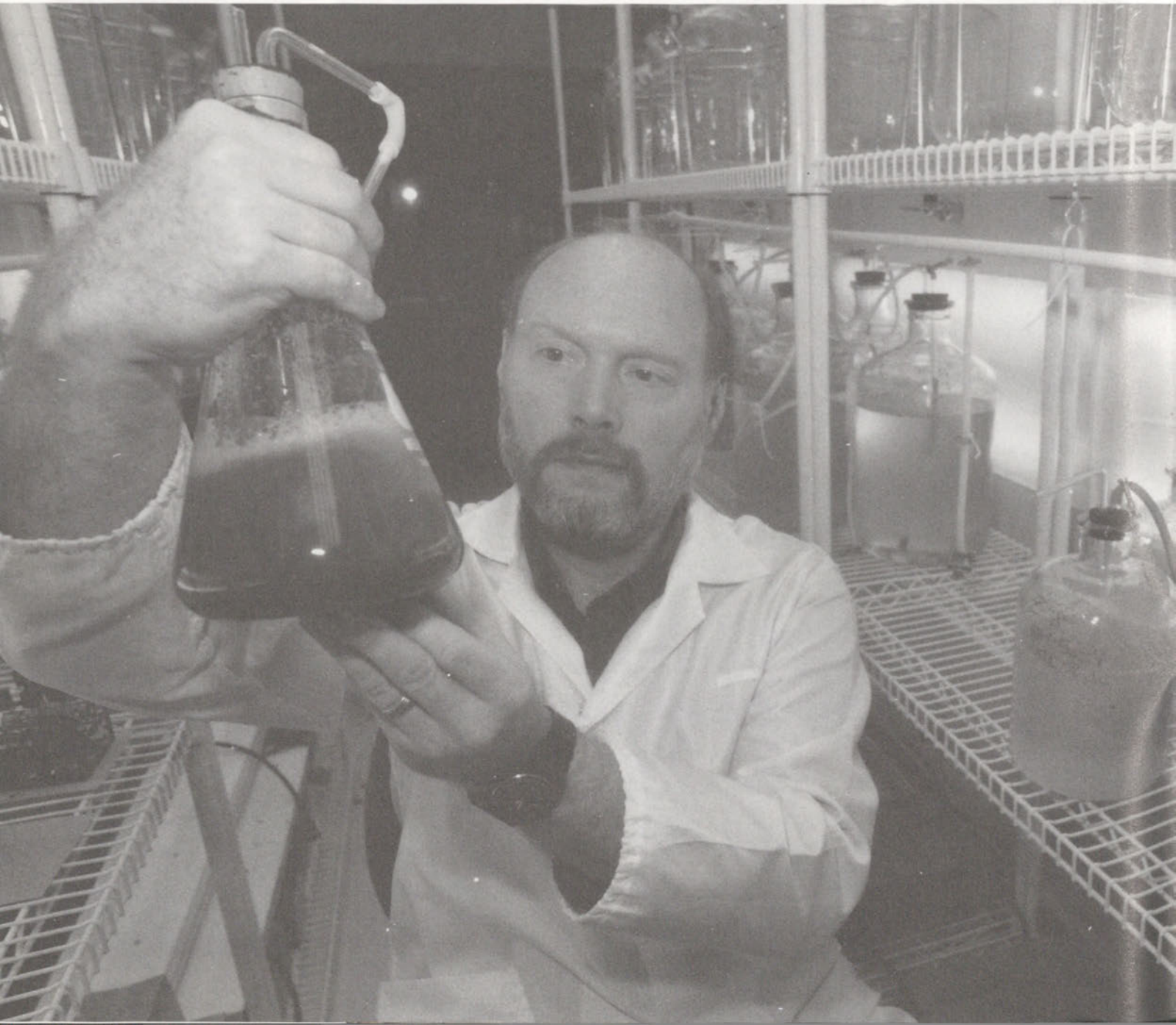
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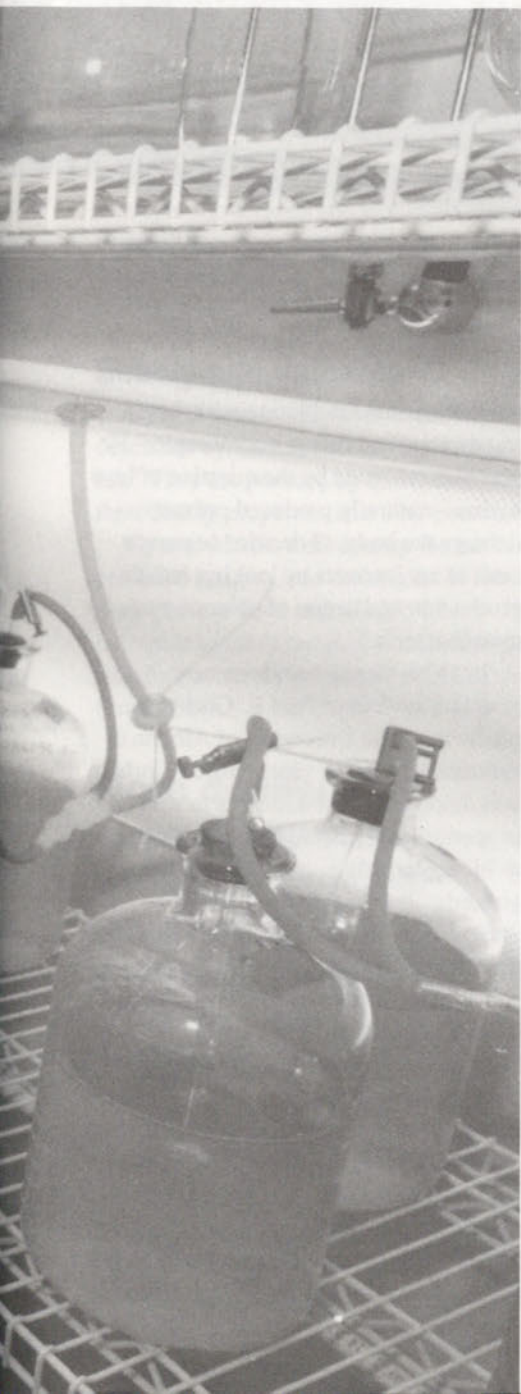
Worrisome &

**WSU's Wayne Carmichael, Ph.D., Explores
Blue-Green Algae's Power to Harm and to Heal**



Wonderful

By Stephanie James Ely



“Nature will tell you a lie, if she can.”

—Charles Darwin

THE DEATHS OF 55 hemodialysis patients in less than six months panicked residents in the Brazilian town of Caruaru. Across the state of Pernambuco, Brazilians had heard of the poor farmers from the rural,

agricultural town who had died of liver disease, seizures, or acute hemorrhaging after receiving government subsidized dialysis treatment. Headlines carried news of the outbreak throughout the country. Of the 131 patients receiving routine treatment, 84 percent had experienced symptoms of visual disturbances, nausea, and vomiting within a three-day period last February. In the months following, half of the patients died.

Health officials urgently requested help and information through the Internet. A self-proclaimed “witch” prescribed an herbal tea. National media noted that a key health secretary was unavailable, vacationing in Europe at the time. The situation became hotly political, and accusations mushroomed.

Carnival time was ending in Rio de Janeiro as Sandra Azevedo watched television reports and pieced together details of the tragedy to the north. Early finger pointing at water chlorination

processes did not match with what she had learned under Wayne Carmichael’s tutelage at Wright State University. The Federal University professor recognized the symptoms of cyanobacteria toxin poisoning and contacted state health officials with her suspicions.

With the government’s support, she tested samples taken from the reservoir that supplied Caruaru’s water. Brazilian authorities enlisted aid from the Centers for Disease Control (CDC) in Atlanta. Samples sent to Carmichael, professor of biological sciences and a leading expert on blue-green algae (known to scientists as cyanobacteria), at his Wright State lab confirmed Azevedo’s suspicions. Patterns identical to those found in previous laboratory animal experiments were found as Carmichael unraveled the cause of the first known human deaths attributable to the toxins found in cyanobacteria. At the request of the Brazilian federal government, Carmichael hurried from Ohio to the small town, 75 miles from Recife, capital of the state of Pernambuco.

In Caruaru, Carmichael drove over the narrow, hilly, cobblestone streets which locals traveled mostly on foot or in donkey carts. There, he toured the modern dialysis clinic, built to international standards. Without the benefit of piped-in water, the dialysis clinic, like many businesses and residences, relied on water collected at the city’s reservoir prior to the sand filtration system and transported by

Research on cyanobacteria is being carried out worldwide with toxins produced in Wayne Carmichael’s lab at Wright State University.



tanker truck where it was chlorinated. This water was to receive further, more specialized treatment, at the dialysis center's in-house facility.

"Without the full benefit of the water treatment plant, this water contained high levels of toxins which were not removed by the small, inadequately maintained, in-house treatment facility of one of the hemodialysis centers," explains Carmichael. Although two of the centers were new, and one had only been open a couple of months, the water treatment facility at the center where people died was in a state of neglect.

"This was not an ecological accident or stroke of misfortune as some have argued. It is possible to prevent contamination of this kind by taking steps to control water quality," Carmichael says. He and Azevedo continue to work on investigating committees with the Brazilian government and state officials. Carmichael is also organizing seminars on the problems of liver disease and hemodialysis in cooperation with the Centers for Disease Control in Atlanta, and the state health authorities of Pernambuco.

There are several lines of guilt in this tragedy. Were responsible monitoring procedures in place? If water was analyzed, it wasn't done on-site, but in the capital of Recife and involved significant

Headlines throughout Brazil carried the news of the deaths of 55 hemodialysis patients. "This is the worst accident ever to take place in a Brazilian clinic or hospital," said the cover story in *Veja*, a Brazilian news magazine. When the Brazilian federal government requested Carmichael's help in unraveling the cause of the deaths, newspapers throughout the state of Pernambuco carried the story with Carmichael's photo on the front page. It was a truck like the one pictured at right that delivered water to the hemodialysis clinic where patients died.

delay. Was water treatment inadequate? Did privately owned clinics have people with the appropriate training, background, and experience needed to operate them? Was there criminal neglect?

"Ultimately, the CDC stated, you have a first-world technology—dialysis—placed in a country that can't support it," says Carmichael. "It has brought the problem of blue-green algae to international awareness at the expense of a significant tragedy. It is unfortunate that information (about blue-green algae) was not known widely enough to prevent the problem in the first place."

A Fascination With Things Microscopic

The incident in Caruaru, Brazil, brought Carmichael's work at Wright State University full circle. For more than 25 years he has applied himself to the basic science and research of cyanobacteria and could now use his knowledge to solve a practical, albeit tragic, problem. As a botany major at Oregon State University in the late '60's, Carmichael said he had "the young

student's usual fascination with the microscope and things microscopic." He was also intrigued by the question of how toxins—naturally produced poisons—damage the body. "I decided to pursue both of my interests by looking into the production and action of poisons made by cyanobacteria."

In 1970, Carmichael became a graduate student of Paul R. Gorham, a professor at the University of Alberta in Edmonton. Twenty years earlier, Gorham was among the first scientists to study the properties of cyanobacteria, then known as blue-green algae, and had laid the groundwork for research that was underway in South Africa, Australia, and the United States.

"When I joined Gorham's group, cyanobacteria were typically referred to as blue-green algae because of the turquoise coloring of most blooms and the similarity between the microbes and true algae (both carry out photosynthesis)," Carmichael says. "But since then, we have established that what we called blue-green algae actually belong to a variety of cells called prokaryotic—those bearing the character-

istics of bacteria. They have no membrane enveloping their nuclear material and usually lack membrane-bound material in their interior. Blue-green algae is now recognized as a major group of bacteria."

Today, there is not only international recognition of the problems of cyanobacteria, there is international recognition of Carmichael's work in the area. Wright State's 1995 Brage Golding Distinguished Professor of Research, Carmichael can effortlessly name 18 countries that have sent scientists to study with him in his lab. "There are about 30 labs in the world studying cyanobacteria. Of those, the labs in Brazil, Japan, China, and several European countries all got their start here at Wright State," he says.

The arrangements are reciprocal and Carmichael has done field work in most of the countries he names. He has held visiting faculty appointments at universities in Scotland, Norway, Finland, China, the former USSR, Portugal, and Brazil. In October he attended a symposium at the University of Tokyo to commemorate the Toyo Suisan Endowed Chair in Marine Biotechnology, an honor he held in 1993.

If the scientific community interested in the blue-greens seems far-reaching, it is because cyanobacteria themselves live almost everywhere. They can be found in waters from the equator to the arctic, in snow fields and in hot sulfurous pools, and in soil, wet or dry. "The toxins produced by cyanobacteria have been implicated in incidents occurring in virtually every corner of the earth," says Carmichael.

Deadly and Valuable

Cyanobacteria, responsible for the deaths of 55 Brazilians, are described by Carmichael as "toxins both worrisome and wonderful." They are pursued by researchers worldwide because of both their deadly properties and their potential power.

Cyanobacteria were among the earliest life forms and have provided insights into the origins of life. Fossil records show them present three and a half billion years ago. The first organisms able to carry out photosynthesis, "they undoubtedly played a major part in the oxygenation of the atmosphere," says Carmichael.

Both deadly and potentially valuable, the poisons produced by cyanobacteria fall into two groups defined by the symptoms they produce in animals.

these chemicals," says Carmichael, who provides assistance to other labs and public health agencies in the isolation and culturing of the organisms. Scientists hope to apply what they learn from

The secondary chemicals produced by cyanobacteria, unlike those of any others produced by plants or animals, have anti-bacterial, anti-fungal, and anti-algal properties, and are deadly to mammals. It is these properties that hold the interest of Carmichael and other researchers. "Ours is one of the main labs for the isolation and growth of

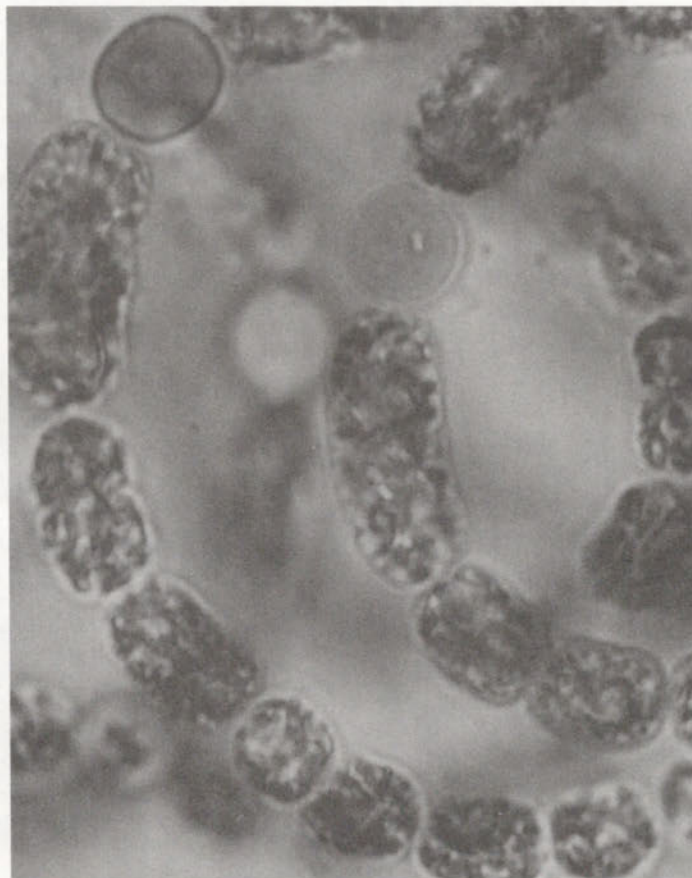
cyanobacteria and its secondary chemicals to the production of new drugs to treat cancer, liver disease, and Alzheimer's disease. Research is also being done into ways of channeling the power of the chemicals into safer pesticides and fertilizers.

Both deadly and potentially valuable, the poisons produced by cyanobacteria fall into two groups, defined by the symptoms they produce in animals.

The neurotoxins disrupt communication between neurons and muscle groups. This interference with the functioning of the nervous system can lead to paralysis of the respiratory muscles and death within minutes. They account for the poisoning of some livestock in the United States, and Carmichael suspects that outbreaks of human gastroenteritis have resulted from blue-green toxins in drinking water.

Among the neurotoxins are anatoxin-a and anatoxin-a(s), both of which are unique to cyanobacteria. Researchers are exploring anatoxin-a with hope that a modified version might one day be administered to slow the mental degeneration of Alzheimer's disease. Anatoxin a(s) could, in theory, form the basis for more biodegradable and safer pesticides. Investigators seek to design a compound that would minimize accumulation in tissues of vertebrates but continue to kill agricultural pests. "Cyanobacterial neurotoxins, then," says Carmichael, "are both deadly and potentially valuable, but they are not as ubiquitous as the other major class of cyanobacterial poisons, the hepatotoxins.

Photomicrograph of *Anabaena* x2600 by Hilda Canter-Lund, Ph.D., Freshwater Biological Association. *Anabaena* is a major producer of neurotoxins, poisons that interfere with the functioning of the nervous system, which are unique to cyanobacteria.



Hepatotoxins have been implicated in incidents occurring in virtually every corner of the earth." Research on hepatotoxins is being carried out worldwide with toxins grown and supplied by Wright State. Studies are directed primarily at understanding how the compounds affect the body and have uncovered disturbing evidence that human exposure to nonlethal doses of the hepatotoxins might contribute to the development of cancer.

Carmichael and a group of scientific colleagues just completed a three-year study of people in China who are repeatedly exposed to the toxins in their drinking water. "We suspect that the extraordinarily high rates of liver cancer in parts of China may be tied to the cyanobacterial hepatotoxins in the water.

"It seems reasonable to guess that repeated low-level exposure to the toxins could favor the development of chronic disorders of the gastrointestinal tract and liver. If cancer and other chronic illnesses are indeed a danger, then drinking water supplies may need closer monitoring in many places," he says.

The American Water Works Association Research Foundation has given Carmichael a two-year grant to test selected water samples for toxins. Samples from North American water treatment plants serving communities of 5,000 to several million people are sent to Wright State in a study of algae-related toxin taste and odor problems. The foundation will correlate their water treatment programs with Carmichael's findings.

Carmichael recently became involved in a two-year study originated by the Lake

Eating blue-green algae from natural lakes and cultured algae farms is increasingly popular among health food devotees.

Erie Protection Fund. The sale of Ohio's specialty license plates with lighthouses funds the project, which is investigating the impact of cyanobacteria on the food chain in Lake Erie. Some believe the recent proliferation of cyanobacteria, which began two years ago, may be the result of the introduction of zebra mussels to Lake Erie. The mussels may have altered the food chain, creating conditions conducive to the blue-greens.

Cyanobacteria, which are not a good food source and which produce toxins, are considered a nuisance because of the surface scum they create. "Both times we tested blue-green algae in Lake Erie, they

were toxic," says Carmichael. They may prove fatal to fish, waterfowl, and livestock in the area.

Despite the toxicity of the chemicals produced by cyanobacteria, eating blue-green algae from natural lakes and cultured algae farms is increasingly popular among health food devotees because of its high protein content. Carmichael expresses concern that the products be monitored to ensure that they are nontoxic. "Because cyanobacteria are often collected from the surface of an open body of water and because neither sellers nor buyers can distinguish toxic from nontoxic strains without applying sophisticated biochemical tests, the safety of these items is questionable," says Carmichael, who does quality-control testing of blue-green algae when it is harvested for the commercial algae industry. The state-funded research lab at Wright State has occasionally been retained by the industry to present independent confirmation that their algae products are nontoxic.

"All told, cyanobacteria constitute a small group of perhaps 500 to 1,500 species," he said. "But their power to harm and to help animals and humankind is great. Investigated and exploited responsibly, they can provide valuable tools for basic research in the life sciences and may one day participate in the treatment of disease." ☐

Wayne Carmichael's field work has taken him around the globe. "Cyanobacteria can live almost anywhere, and the toxins they produce have been implicated in incidents occurring in virtually every corner of the earth," he said. Far left: Collecting samples of cyanobacteria in China for a three-year study of toxic algae for the National Science Foundation. Center: Underwater field work for drug discovery research in Lesser Antilles for the National Institutes of Health (N.I.H.). Right: University of North Carolina marine biologist Hans Pearl, with Carmichael, on the island of San Salvador, Bahamas, where they did drug discovery research for the N.I.H.





University News

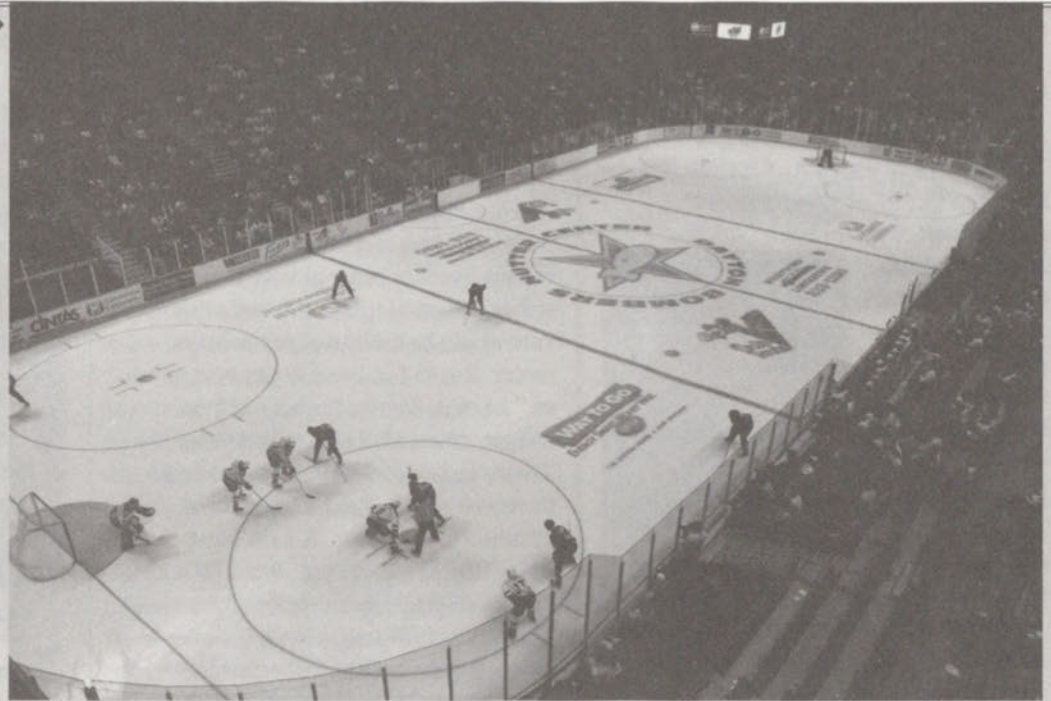
WSU Earns Reaccreditation

A TWO-YEAR-LONG self-evaluation process ended in November when the North Central Association of Colleges and Schools reaccredited the university and its programs for a 10-year period, the longest term possible. The NCA's reaccreditation is a comprehensive approval of Wright State's ability to offer its full range of programs and activities. The approval came after the NCA's on-site evaluation last May.

The accreditation process evaluates more than the formal educational activities of an institution; it also assesses characteristics such as governance and administration, financial stability, admission and student personnel services, institutional resources, student academic achievement, institutional effectiveness, and relationships with constituencies outside the institution.

"This represents a significant accomplishment for Wright State and is a strong indication that we are accomplishing our mission of providing high-quality academic programs and services to the Miami Valley," says President Harley Flack.

Individual academic programs are also accredited by numerous specialized agencies, such as the Ohio Department of Education, the American Assembly of Collegiate Schools of Business, and the Accreditation Board for Engineering and Technology, to name a few. ■



Home Opener Breaks the Ice for Hockey Fans

IT WAS A RECORD-BREAKING CROWD that attended the Dayton Bombers home opener in the Ervin J. Nutter Center on October 20. Spirits were high, in spite of the Bombers 6-1 loss to the Peoria Rivermen before a crowd of 6,250 cheering fans. The Bombers financed the \$1.5 million project to retrofit the arena, which included installing 13 miles of tubing beneath the ice floor and pouring over one million pounds of concrete. Installing the Nutter Center ice is the first of a two-phase project that will increase recreational opportunities for students and the community. Phase two is the construction of a \$4 million ice facility, which will serve as the permanent practice site for the Bombers and provide recreational and club skating for students and the public. Planned completion date for phase two is spring 1997. ■

Research and Grants Top \$26 Million

THE NUMBERS ARE IN and Wright State University faculty and staff again set a record for external funding. During 1995-96, the university received \$26,104,256—an increase of nearly \$1 million—in funding from various sources.

Wright State's Office of Research and Sponsored Programs processed and

submitted 651 proposals from 210 faculty and staff. Of the proposals, 457 were funded, compared to 439 (out of 631 proposals) the preceding year. One hundred and forty-four faculty and staff, or 69 percent of the 210 sub-mitted proposals, received funding.

Federal agencies, primarily the National Institutes of Health, Department of Education, Department of

Defense, NASA, and the National Science Foundation, accounted for approximately \$14 million, or 54 percent, of the \$26 million. Another 12 percent, or about \$3.1 million, came from industrial firms.

Wright State continues to rank third among Ohio's state-assisted colleges and universities in external funding for research and scholarly activity. ■



Our Community

AIDS Educator Speaks

THE MEDICAL SCIENCES Auditorium was filled last October 16 with students, faculty, staff, and members of the community who attended a free public lecture featuring Rae Lewis-Thornton, who shared what it is like living as a young African American woman with AIDS.



Rae Lewis Thornton

Before she was diagnosed, the nationally known AIDS educator and motivational speaker was not considered at high risk for the disease, i.e., she never used drugs and was not promiscuous. As a result of her experience, she has made "getting to the truth about AIDS" her life's mission. She has told her story to more than 70,000 high school students, and has been featured in *Ebony* magazine, the *Chicago Tribune*, the *Washington Post*, and the *Dayton Daily News*, and she recently won an Emmy for her series about living with AIDS that aired on CBS. "I want to make a difference and if, by going public about the disease, I can save even one life, then it has all been worth it." □

Tony Hall Guest Lecturer

U.S. REPRESENTATIVE TONY P. HALL was the guest speaker on October 22 for the



Tony Hall

annual Piediscalzi Lecture Series, sponsored by the Department of Religion. The topic of Hall's lecture was the "Role of Religion in American Politics." In his talk, Hall

drew upon his 18 years serving Ohio's Third Congressional District in the U.S. House of Representatives. The Democrat told of times when he went against his party's, and his constituents', stand on certain issues in order to vote his conscience. "Several times, I thought that the vote would be the end of my political career. But so far, it has not proven to be so," he said. Known for his work on hunger issues, Hall also talked about his 22-day fast in 1993, which helped gain increased national and international attention to the issue. "It's the most powerful thing I've ever done," he said. The Piediscalzi Lecture series was founded in 1989 to honor the founder and long-time chair of the Department of Religion, Nicholas Piediscalzi, who retired in 1988. The lectures are free and open to the public. □

Teaching American Indian Style

K-12 TEACHERS from around the region gathered on campus October 16 to learn about American Indian issues as they relate to the classroom. The conference, part of the Western Ohio Education Association's in-service day, offered continuing education units for participants. Activities included an American Indian marketplace and book sale that included American Indian folk tales, authors, and classroom guides.



Marketplace featured at WOEa conference

Opening and closing plenary sessions were free and open to the public and featured Suzan Harjo, lecturer, curator, and policy analyst, who spoke about how Native American issues are communicated from a non-Native viewpoint; and Joseph Hesbrook, Ph.D., director of the Bureau of Land Management's national Native American Program and faculty member at Santa Fe Community College. He talked about the principles and values of Indian living, teaching methods, and learning styles. □

Clarence Page, Ellis Cose Host Affirmative Action Forum

CLARENCE PAGE, a nationally syndicated columnist for the *Chicago Tribune*, and Ellis Cose, contributing editor for *Newsweek*, hosted a "Town Hall" public forum on affirmative action issues as part of a two-day conference on October 17 and 18.

The columnists were part of the W.E.B. Du Bois Conference on "Conservatism, Affirmative Action, Gender, and Public Policy Issues: The New Political Scene," hosted by the College of Liberal Arts. Organized by Marlese Durr, assistant professor of sociology, the conference featured nationally known scholars offering their analysis of the social, economic, and political climate of the U.S. and how it is affected by the issues of race, immigration, gender, and public policy.

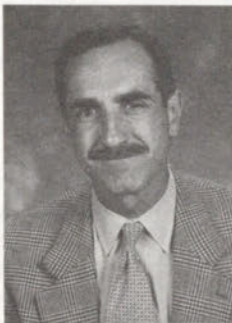
Symposium topics included: "Political Change and Affirmative Action," "Urban Politics, Segregation and Race Relations," "The American Population 2000," "Welfare Reform, Immigration and Proposition 187," "The Politics of Race/Ethnicity," and "Race and Entrepreneurship in Center Cities." □



Appointments

DAN ABRAHAMOWICZ, Vice President, Student Affairs and Enrollment Services

—as of August 1996. The newest member of President Harley Flack's cabinet, Abrahamowicz also serves as a member of the provost's administrative team and oversees the offices and functions dealing with student life and support services. He came to Wright State from The University of Toledo (UT), where he served as dean of students for eight years. Abrahamowicz joined UT in 1976 as assistant director of the Student Union, was named international student adviser and orientation director in 1977, and was appointed assistant dean of students in 1981.



Abrahamowicz earned a Ph.D. in counseling and human services from UT, a master of arts in student personnel administration from The Ohio State University, and a bachelor of arts *magna cum laude* in economics from Cleveland State University.

ROGER K. GILPIN, Dean, College of Science and Mathematics

—effective July 1, 1996. Prior to his appointment, Gilpin served as chair and professor in Kent State University's Department of Chemistry. As dean, Gilpin oversees all of the activities of the college, which includes 11 academic departments and the Center for Ground Water Manage-



ment, the Institute for Environmental Quality, and the Statistical Consulting Center.

"One of the things I like about Wright State is the way science and mathematics are organized into one college," he says. "I am interested in getting academics more involved in the industrial base in Ohio and helping to revitalize the economy. There are opportunities for a lot of collaborative interaction within the state. I think Dayton is a very strong area from which to promote them."

GREGORY R. BERNHARDT, Dean, College of Education and Human Services

—after serving one year as the college's interim dean. Bernhardt came to Wright State from the University of Northern Colorado in 1979. While at Wright State, he has served as chair of the Department of Human Services, clinical assistant professor in the School of Professional Psychology, and associate professor of counselor education. He has been awarded numerous WSU teaching excellence awards from the college and the WSU Alumni Association, and one presidential award. In addition, he has served as faculty president and chaired numerous campus committees, task forces, and boards.



"I am very pleased with the appointment of Dr. Bernhardt," says John F. Fleischauer, provost. "He has already developed productive relationships with area school systems. He should be able to move rapidly to enhance Wright State's partnerships with Miami Valley educators." ■

Honorable Mentions

MARY ELLEN MAZEY, professor of urban affairs and geography, has been invited to serve a one-year intergovernmental personnel appointment as director of the Office of University Partnerships for the U.S. Department of Housing and Urban Development. Her term begins in December.

The Office of University Partnerships helps higher education institutions fulfill their urban missions in a number of ways, including funding of the following programs: Community Outreach Partnership Centers, Joint Community Development, Community Development Work Study, Community Renaissance Fellows, and Doctoral Dissertation Research grants.

RODNEY HAMMOND, associate professor of psychology, has been named director of Violence Prevention, a division of the Centers for Disease Control and Prevention.

In this position, he will be responsible for directing policy regarding homicide, suicide, family, and intimate violence. Hammond also will oversee a multidisciplinary staff of public health physicians, psychologists, anthropologists, sociologists, and epidemiologists.

"This division was one of the first federal agencies that fostered the notion that violence prevention is a public health concern," he says.

While at Wright State, Hammond also served as project director for the Positive Adolescent Choices Training (PACT) project. The Ohio Commission of Minority Health praised PACT as "one of the foremost violence prevention programs in the nation." ■



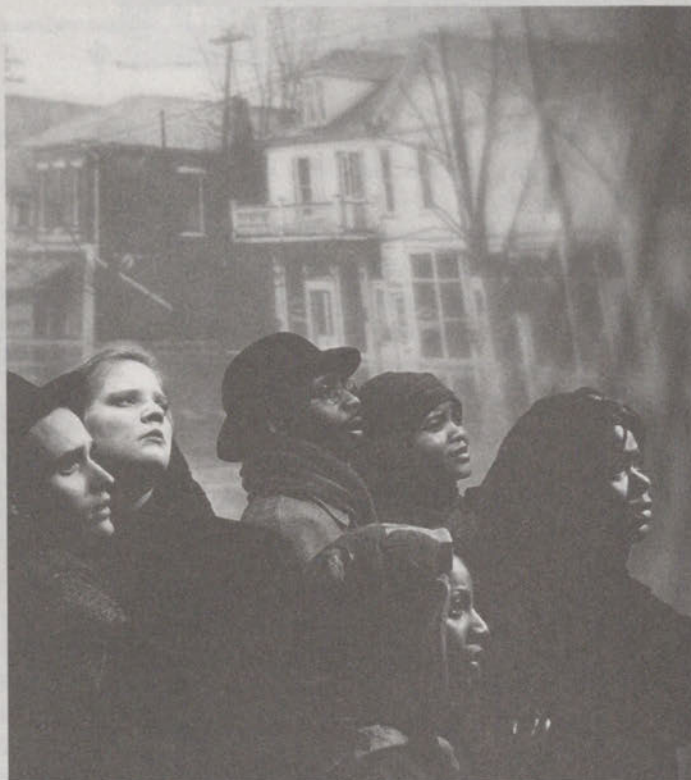
Board of Regents Approves Ph.D. in Engineering

A BENCHMARK in collaboration to provide advanced engineering education in the Miami Valley was reached in September when the Ohio Board of Regents approved a consortial Ph.D. program in engineering at Wright State University.

Wright State will offer the degree in collaboration with its Dayton Area Graduate Studies Institute (DAGSI) partners: the Air Force Institute of Technology, the University of Dayton, The Ohio State University, and the University of Cincinnati. DAGSI was founded in the fall of 1995 that assist advanced engineering programs in aerospace, automotive, and other related high-technology industrial sectors.

DAGSI competitive scholarships are available to students entering the new Ph.D. engineering program, with classes starting in the fall of 1997, according to Frank Moore, DAGSI director.

The decision was applauded by area business leaders, who view the program as a valuable resource for increasing the number of engineers who hold doctorates. Officials also see the program as a valuable tool in attracting high-tech industries to the Miami Valley and in providing continuing education for the existing high-tech workforce, considered vital to an area where more engineers live per capita than any other metropolitan area in the state, according to Moore. ■



Theatre Department Stages World Premiere of *1913: The Great Dayton Flood*

ONE OF THE WORST NATURAL DISASTERS IN DAYTON'S HISTORY was brought to the stage in November when the Department of Theatre Arts presented the world premiere of *1913: The Great Dayton Flood*, an original play co-authored by department chair W. Stuart McDowell and senior theatre student Tim Nevits. In staging the production, the playwrights drew upon the creative resources and talents of the university and beyond, with music by the WSU GOSPEL CHOIR and recorded narration by actors Ossie Davis, Ruby Dee, and Dayton native Martin Sheen. Based on the Pulitzer Prize-nominated book, *Time of Terror: The Great Dayton Flood* by Allan Eckert, the play featured scenic projections of actual film footage and photos taken during those seven days in March 1913 when the city's four converging rivers overflowed into the streets of Dayton, killing 300. In writing the script, the playwrights incorporated accounts from interviews with flood survivors as well as information gleaned from NCR archives.

The play, which was funded in part by the Frank M. Tait Foundation and the Mary E. Gunderson Endowment Fund of the Dayton Foundation, was Wright State's contribution to Celebration Dayton '96, Dayton's 200th anniversary celebration. ■

Academic Budgets Receive \$1.1 Million

BECAUSE OF A POSITIVE year-end balance for FY 95-96 and fall enrollment figures only slightly lower than projections, President Harley Flack authorized in October the release of \$1.075 million to academic units.

Of the total, \$700,000 in one-time funds were allocated to assist with the increasing costs of operations and supplies in each of the colleges and schools. The Lake Campus received \$46,876 of this amount. The remaining \$375,000 restored the depleted academic initiative funds in the Office of the Provost.

"The budgets in our academic units have not been increased in several years, and the NCA accreditation team cited this as one of its concerns," President Flack says. "Returning most of the money to the colleges and schools was the best way to share the funds." ■

Gift Certificates Offered

HOLIDAY GIFT GIVING is easier with WSU's new gift certificates. Available in denominations of \$25, \$50, and \$100, the certificates can be purchased at the Cashier Windows of the Bursar's Office at both the main and Lake campuses. Certificates can be applied to tuition and fees and toward the purchase of any item in the bookstores at both campuses. For more information, call the Bursar's Office at (937) 775-5650. ■



On the Arts

WSU Has a New Number

THE UNIVERSITY'S AREA CODE and three-digit prefix has changed. Wright State's area code, along with the rest of the Dayton area, changed from 513 to 937 in September. In addition, the university's three-digit prefix changed from 873 to 775. However, all four-digit extensions remain the same. For example, the new number for the university's information desk is (937) 775-5740.

The university's telecommunications center will intercept calls to the 873 exchange through January 30, 1997. Callers from outside the area will be able to dial either 513 or 937 until June 13, 1997. Cell phones and pagers will not be affected. ☐



Project Chile Wins Award

THE COLLEGE OF BUSINESS and Administration's Project Chile program won an Innovation in Leadership in Business Education Award from the Mid-Continent East Business Administration Association of the American Collegiate Schools of Business, a regional national accreditation organization.

Created in 1994 to promote world trade, global awareness, and foreign language skills, Project Chile is an internship program that sends students to Chile, where they research the needs of and develop an international trade plan for their assigned company.

Graduates of Project Chile have received Fulbright Scholarships, bilingual teaching positions, and internships in international trade graduate programs. ☐

ARTIST SERIES

Cavani String Quartet

(An all-female string quartet)
Sunday, January 12, 1997
4 P.M., WSU Creative Arts Center



Baaba Maal

(Senegal's most spiritual pop singer)
Friday, February 28, 1997
8 P.M., WSU Student Union

Anonymous 4

(An a cappella group)
Sunday, April 27, 1997
7 P.M., WSU Creative Arts Center

For more information, call the WSU Student Union Box Office, 775-5544.

WSU THEATRE

Hay Fever

By Noel Coward
Jan. 23-26, Jan. 30-Feb. 1 at 8 P.M.; Jan. 26, Feb. 1-2 at 3 P.M.

A Midsummer Night's Dream

By William Shakespeare
Feb. 20-23, Feb. 27-Mar. 1 at 8 P.M.; Feb. 23, Mar. 1-2 at 3 P.M.

Guys and Dolls

Music and lyrics by Frank Loesser
Based on a story and characters by Damon Runyon
May 8-11, 15-17, 22-24 at 8 P.M.; May 11, 17, 18, and 25 at 3 P.M.

For more information, call the theatre box office at 775-2500.

CONCERT SERIES

All concerts begin at 8:00 P.M. except for the 4:00 P.M. concert on June 8, 1997.

La Perichole

By Jacques Offenbach
The highly entertaining comic opera hit by the 19th century master of the Parisian style
February 21 and 22, 1997
Creative Arts Center Concert Hall

Chamber Orchestra

March 6, 1997
Creative Arts Center Concert Hall

Wind Symphony

March 11, 1997
Creative Arts Center Concert Hall
Also appearing: University Concert Band and Chamber Wind Ensemble

Madrigal Singers

March 14, 1997
Creative Arts Center Concert Hall
Also appearing: Women's Chorale

Chamber Orchestra

May 29, 1997
Creative Arts Center Concert Hall

Wind Symphony

May 30, 1997
Creative Arts Center Concert Hall
Also appearing: University Concert Band and Chamber Wind Ensemble

Bon Voyage Concert— Madrigal Singers

June 8, 1997
St. Anthony's Church
Also appearing: Women's Chorale and Choral Union

For more information, call the Department of Music at 775-2346. ☐

WSU's Habitat for Humanity Club

Students Lend a Helping Hand

By Connie Steele

BUILDING Dreams

ALTHOUGH RACHEL CLINE'S PREVIOUS CARPENTRY experience had consisted primarily of "handing nails to my Dad," one overcast Saturday morning in October the freshman nursing student found herself pounding nails into panels of aluminum siding. She was working on a house in Xenia, along with seven other enthusiastic volunteers from WSU's Habitat for Humanity Club. The group was hoping to finish the east and south walls of the house before the impending rain set in.

"This is a great opportunity to get involved and help someone," she says. "And what else would I be doing on a Saturday morning, besides sleeping?"

Habitat for Humanity is an international organization that builds homes for low-income families. Other than the electrical and plumbing work, volunteers provide the muscle and sweat to build the house, which is then sold to a qualified buyer for a lower price than for a comparable home on the market.

WSU's chapter was chartered in the fall of 1995 and has sent volunteers to sites in Greene and Montgomery Counties.

"We try to schedule a work day every other weekend," says Matt Garay, a senior human factors engineering major and club president. "It hasn't been hard to get volunteers—we have a phone list of over 100 students."

Because the home buyers are required to contribute 500 hours of "sweat equity" to the construction of their and other Habitat homes, volunteers get the chance to work alongside those they are helping. "They are all very appreciative, which makes it even more rewarding," adds Garay.

Garay became interested in starting a WSU Habitat Chapter after participating in a Spring Break Alternative trip in 1995, sponsored by the Campus Ministry Center. Eleven WSU

students traveled to Florida to help rebuild after Hurricane Andrew devastated the area.

"It was a great experience," he says. "Instead of partying every night, we worked on several houses and helped with an after school program and a soup kitchen."

Last year's spring break alternative took students to West Virginia, and a work project in Alabama is planned for the 1997 spring break.

Another member of that first alternative spring break trip is Brad Platzer, a junior communications major and fundraising chair for the club.

"It was the first time I had ever experienced anything like that. I met all types of people," he says. "I'm glad I stuck with the group, and I'm excited to see how the club has grown." Platzer spearheads fundraising efforts that help buy construction materials and subsidize the spring break trips. Last year, a raffle that featured items autographed by several celebrities—such as Richard Petty, Alan Jackson, Garth Brooks, and Robert Redford—raised \$300.

Garay says he hopes to get other groups from the Wright State community involved as well, especially alumni. "We're

"This is a great opportunity to get involved and help someone."

not just for students. Anyone who is interested should call the Campus Ministry Center. We'd be glad to have them."

For more information about volunteering, interested persons can contact Bev Jenkins, Campus Ministry Center, at 426-1836. ☐

Matt Garay and Brent Kuhlman get ready to nail another panel of siding



Tom Cooper



Harley Mack

WRIGHT STATE UNIVERSITY

**PRESIDENT'S
R E P O R T**

1 9 9 5 — 9 6

TO THE WSU FAMILY

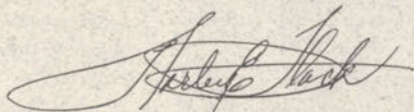
We accomplished a lot during 1995-96.

We took significant steps toward identifying the Wright State University of the 21st century, developing a strategic plan that will provide the road map to get us there; redefining how we allocate scarce resources within the academic and administrative units; and solidifying our reputation as one of Ohio's best public higher education institutions.

- We earned an additional 10-year accreditation—the longest term possible—from the North Central Association of Colleges and Schools. The positive report—a significant accomplishment—was a strong indication that we are providing high-quality academic programs and services to the Miami Valley.
- The Ohio Board of Regents (OBR) approved our consortial Ph.D. in engineering. The degree, to be offered in collaboration with our Dayton Area Graduate Studies Institute (DAGSI) partners, will help meet the Miami Valley's need for additional science and engineering education.
- We initiated DAGSI with the Air Force Institute of Technology and the University of Dayton. The Ohio State University and the University of Cincinnati were added when the OBR approved the Ph.D. in engineering.
- The campus reviewed the *Vision 2020* document. The final document will go to the Board of Trustees for approval in December.
- We made significant progress on the *Strategic Plan*.
- Faculty and staff received across-the-board and merit/equity salary increases.
- The Board of Trustees approved a new campus master plan, which will lay the groundwork for improved campus aesthetics, parking, recreation space, and pedestrian and vehicle traffic patterns.
- The faculty and staff had a greater voice in responding to the issues facing the university.
- The women's studies program became a reality. We hired a director for the program this year.
- The budgeting process was open to the entire university community for the first time.
- Our athletic programs were certified by the National Collegiate Athletic Association. The certification is similar to the reaccreditation earned by our academic programs.
- Our Office of Disability Services received \$218,000 of the \$1 million the state appropriated to support disabled students.
- We implemented most of the Campus Climate recommendations identified for the 1995-96 school year.
- Our external funding of \$26 million exceeded last year's record by nearly \$1 million.
- Private support increased to \$2.7 million—16 percent higher than our goal of \$2.3 million.
- We were successful in securing the Dayton Bombers as an anchor tenant for the Ervin J. Nutter Center.

This year was also extremely challenging, with the most visible example being this year's budget process. We had to internally reallocate budgets in order to provide additional funding for academic units where enrollment was increasing. With our current decline in enrollment and state subsidy, we know that we will not see a significant amount of additional funding in the near future. The process was difficult, but necessary. By reallocating funds internally, our ability to address critical funding issues will not be as dependent upon the level of state funding we receive.

I firmly believe that Wright State University is stronger—academically and financially—because of what we accomplished this year. The faculty and staff worked hard and deserve the credit for the university's success. It is because of their commitment and dedication that I look forward to an even better 1996-97.



Harley E. Flack
President, Wright State University

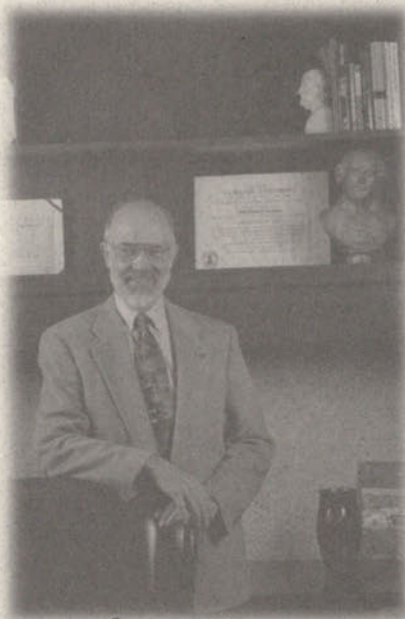
ACADEMIC AFFAIRS

John F. Fleischauer • Provost

The Office of the Provost consists of the 10 colleges and schools, including the Lake Campus; University Libraries; the Office of Campus Climate; the Academic Affairs support units; and Computing and Telecommunications, the Television Center, and Media Services. It thus forms the academic core of the university and is the primary vehicle through which the university carries out its educational mission. Also reporting to the provost is the vice president for Student Affairs and Enrollment Services.

A TRADITION OF ACADEMIC EXCELLENCE CONTINUES

This past year has brought unprecedented change, growth, and increasing focus on continued academic excellence within Wright State's learning community: a highly successful accreditation visit from the North Central Association of Colleges and Schools (NCA) resulted in a recommendation for reaccreditation of the university through the year 2005–2006. At the college/school level, specialized accreditation has been earned by or reaffirmed for the school counseling and community counseling master's programs in the College of Education and Human Services; the bachelor of science degree program in computer science in the College of



John Fleischauer

Engineering and Computer Science; the music program and the social work program in the College of Liberal Arts; and the Institute for Environmental Quality in the College of Science and Mathematics.

New academic programs include a recently approved Writing Across the Curriculum Program, which requires that all undergraduate students complete eight writing intensive courses—six in general education and two in the major; and a recently approved Ph.D. in engineering, which, as a collaborative degree, will link the resources of Wright State University with those of The Ohio State University,

University of Dayton, University of Cincinnati, and the Air Force Institute of Technology, all of which, with Wright State, form the Dayton Area Graduate Studies Institute (DAGSI). DAGSI recently completed its first year of operation with widely acclaimed success as a leader in collaborative resource sharing in graduate engineering education. Other university doctoral programs fared extremely well in the recent Ohio Board of Regents review of doctoral programs. Wright State programs in clinical psychology (Psy.D.; School of Professional Psychology), biomedical sciences (Ph.D.), and computer science and engineering (Ph.D.) all received positive reviews. As a result, Wright State was the only doctoral degree-granting public institution in Ohio to avoid loss of subsidy, enrollment, or viability.

Excellence in teaching and learning receives priority at Wright State as exemplified in consistently high student performance against national standards: design/technology students won first place among graduates and undergraduates at the Technology Olympics at the U.S. Institute of Theatre Technology National Conference in Las Vegas in 1995; two motion picture student films were accepted into the Sundance Film Institute; each year, 90 percent of social work graduates pass the Ohio Social Work licensure exam; the Model United Nations

DEANS



Gregory R. Bernhardt • College of Education and Human Services



James E. Brandeberry • College of Engineering and Computer Science



Dan L. Evans • Wright State University—Lake Campus



Roger K. Gilpin • College of Science and Mathematics



Kim Goldenberg • School of Medicine

student delegation won another top prize for the 16th consecutive year; **all graduates of the Family Nurse Practitioner Program** passed the National Certification Test on the first attempt (the national pass rate is 80 percent); **a student team in accountancy** was one of four finalists in the Institute of Management Accountants National Student Case Competition for the third time; **99 percent of all students in the School of Medicine** passed USMLE, the national license exam, and 95 percent of our M.D.'s are rated by their employer supervisors in residency programs as better than or equal to peers from other schools; **eight students in Army ROTC** attended and graduated from the U.S. Army Parachutist School/Airborne Training.

Student academic achievement is balanced with a strong commitment to service, which includes collaborative efforts of undergraduate nursing students, working with **College of Nursing and Health** faculty, to reduce readmissions of congestive heart failure patients at Miami Valley Hospital. Similar community efforts working with schools, industry, and businesses involve students in the **University Honors Program**, the **School of Medicine**, the **College of Business and Administration**, the **College of Education and Human Services**, and the **College of Liberal Arts**. Other university service outreach activities include chemistry

demonstrations for over 7,000 K-12 students from the Miami Valley, **Saturday Enrichment, summer camps**, and an **InCahoots Safety Arts Program** offered by the **Office of Pre-College Programs**, with funding for **InCahoots** provided by a \$50,000 grant from the Dayton Police Department. Programs that bridge K-12 with the university experience to ensure student academic success include the **WRIGHT STEPP Program** in the **College of Engineering and Computer Science**; **WRIGHT MATH** in the **College of Science and Mathematics**; and the university's **WRIGHT TRACK Summer Bridge Program**. These activities are augmented by many others provided by faculty and staff for and in partnership with the Dayton metropolitan community.

University **faculty and staff** have regularly assisted students in achieving the distinctions above and have set fine examples as achievers in their own right. Faculty have published over 800 articles and books in their fields in the past year and received more than 450 separate awards, bringing **more than \$26 million in external funding to support research, instruction, and other institutional initiatives**. Their talents have been engaged and recognized in over 175 artistic performances, hundreds of presentations at scholarly conferences, applied research and professional service, technological and pedagogical trans-

formation of the curriculum, and have brought national and international recognition of their work.

In the ever-expanding area of technology, the **TURNPIKE** infrastructure project is now more than 50 percent complete; the **College of Liberal Arts** has completed renovation of two computer labs, one in technical writing, the other in music, and plans soon to teach freshman composition exclusively via computers; more than 100 university faculty regularly utilize multimedia technology in their teaching, thanks to training provided by the **Instructional Technology Lab of the Center for Teaching and Learning**; **Media Services** is experimenting with a multimedia lab that will allow *students* to prepare multimedia presentations for class; the **Center for Ground Water Management** in the **College of Science and Mathematics** offers 10 interactive distance learning courses which attract students from throughout the nation and the world; the **Lake Campus** hosts a Bachelor of Science in Nursing (B.S.N.) completion program and a Master of Business Administration (M.B.A.) program through electronic hookup with the Dayton campus; and through OhioLINK, the **University Libraries** have initiated full-text, online access to articles in 175 scholarly journals published by Academic Press and have made available to users 14 new databases encompassing a broad range of disciplines.



Rishi Kumar • College of Business and Administration



Perry D. Moore • College of Liberal Arts



Jane C. Swart • College of Nursing and Health



Joseph F. Thomas Jr. • School of Graduate Studies



Leon D. VandeCreek • School of Professional Psychology

STUDENT AFFAIRS AND ENROLLMENT SERVICES

Dan Abrahamowicz • Vice President for Student Affairs

The Division of Student Affairs and Enrollment Services is composed of 14 offices that touch upon every facet of a student's experience at Wright State. Concerned with total student development, the divisional departments provide important services and educationally valuable programs that advance the educational mission of the university.

The division had a very productive year in programming and the delivery of services—processing more admissions and financial aid applications, housing more students on campus, and serving more students in all units. **Undergraduate Admissions** added a staff member to recruit in the Cleveland/Akron area. The office also worked on collaborative recruitment efforts with alumni groups in a number of cities and sponsored the largest articulation workshop in Ohio history. At a time when Ohio high school graduates are declining, WSU saw an increase of 100 new freshmen in fall 1995.

Financial Aid completed the successful installation of a 15-station PC network to facilitate processing and record keeping for governmental programs. In collaboration with the Bursar, the Short-Term Loan Program was streamlined and consolidated. Consequently, loan processing is more responsive to student needs, providing more flexible eligibility and repayment criteria.

International Student Programs increased international student enrollment by 13 percent and began communication with alumni in Thailand and India to start WSU alumni chapters there. The office also initiated a chapter of Phi Beta Delta, an honor society for international scholars, and successfully developed programming for exchange students from Brazil and Japan.

Residence Services implemented a Living-Learning Center in Hamil-



ton Hall, which includes study groups, tutoring, and special courses.

Psychological Services expanded services to offer six free counseling sessions to students, 24-hour mental health coverage, and extended outreach to students with learning disabilities.

The Student Union continued to achieve high levels of participation in the Fitness Center and recreation areas, with memberships exceeding 3,800 during 1995 and average monthly attendance in the recreation areas totaling nearly 19,000. Student Union meeting rooms were used by nearly 170,000 students, faculty, staff, and community members during 1995, averaging 200 scheduled events each month.

Campus Activities and Orientation gave campus tours to 8,211 prospective students and families interested in Wright State. The summer orientation program was attended by 1,691 students and 1,269 parents. The department, in collaboration with **Student Health Ser-**

vices, completed the final year of a FIPSE grant for wellness education and institutionalized the position of health educator. The office also registered 125 student clubs and organizations in 1995–96, with 6,454 people or groups receiving services provided by student organizations.

Intramural and Recreational Sports assumed responsibility for the Adapted Recreation Program for students with disabilities, and acquired \$15,000 through grants and gifts to support the program. Intramural participation has tripled in the past three years, with over 6,000 participants and 40 activities quarterly.

Public Safety established a community-based policing office in a student-oriented location and staffed the office with a crime prevention officer.

Disability Services received a grant to establish an "Accessible Arts Consortium" in collaboration with several arts and human services organizations. The office also collaborated with Wright-Patterson Air Force Base to offer a career-related summer employment program for students with disabilities.

Intercollegiate Athletics placed third in the Midwestern Collegiate Conference McCafferty award standings (for all-around athletic program). Three WSU athletes were named academic all-Americans, and WSU won the conference championships in men's and women's swimming, diving, and golf.

Career Services referred 2,144 resumes to employers seeking candidates for full-time positions (a 56 percent increase over 1994–95), and placed 382 students in co-op positions (a 17.5 percent increase). Also, the office held a Job and Graduate School Fair with 136 recruiters participating and an Education Recruitment Fair with 36 school districts conducting 468 interviews.

BUSINESS AND FISCAL AFFAIRS

Janet G. Achterman • Vice President for Business and Fiscal Affairs

There have been many highlights and accomplishments within the Division of Business and Fiscal Affairs during the last year, and we are very proud of our contribution to Wright State University's success!

One of the division's most visible accomplishments was securing the Dayton Bombers to play at the **Ervin J. Nutter Center**, adding 40 new revenue-producing event dates to the facility. Finalizing this agreement was difficult because the Nutter Center did not have ice capabilities prior to our negotiations. Through the agreement with the Bombers, the university received \$1.5 million of improvements to its facilities, without any state money being used.

Our new **Internal Audit Department** developed ongoing internal control seminars, which are being presented to the campus community,

Because fiscal year 1996 was a financial success, the university was able to allocate \$700,000 to academic units.

and the department also collaborated with Dr. Joseph Petrick from the College of Business and Administration to develop Integrity and Ethics Training seminars for our division. Another successful collaborative effort with the College of Business and Administration resulted in the implementation of a program that utilizes accountancy students for WSU projects. This exciting program has added value to the classroom experience and provided WSU management with recommendations on operational issues.



Janet G. Achterman

The **Purchasing Department** negotiated to secure the university's new food service contractor, Sodexo. Several major changes were implemented, which increased the level of service to faculty, staff, and students and resulted in an increase in sales of approximately 5 percent. Included in the many new offerings are: expanded and enhanced made-to-order deli selections in the Depot; Brick Oven Pizza in the Rathskeller; Freddy's Vegetarian Specials; Express Yourself (homestyle entrees and accompaniments); and an in-house pizza delivery service.

The **Financial Services Department** has worked to streamline business processes in cooperation with other departments on campus. One of the changes resulted in the **Bursar's Office** revising student billing statements in order to make it easier for students to enroll in the student installment payment plan. Collaboration between **Payroll** and Human Resources has improved the processes surrounding hiring and paying

employees, as well as other peripheral issues involving employment.

The **Department of Human Resources**, in collaboration with the **Ad Hoc Committee on Health Benefits**, surveyed faculty and staff to determine preferences for health benefit coverages. With that information, Human Resources prepared and solicited proposals for employee group health care insurance, and United HealthCare of Ohio was selected. Their selection resulted in no increase in premiums for the 1996-97 fiscal year.

The **Office of Budget Planning** made several favorable changes in the university's budget process. One of the changes included the comprehensive budgeting of all university earnings accounts, and this was accomplished as a result of collaborative efforts with all university colleges and divisions. This, along with the alignment of the accounting and the budgeting systems, has resulted in an operating budget that more accurately reflects actual results. Also, because fiscal year 1996 was a financial success, the university was able to fully fund the Nutter Center and Student Union deficits and allocate \$700,000 to the university's academic units.

Physical Plant and Facilities Planning and Management also had their share of success in 1995-96. Physical Plant renegotiated the contract for the outsourcing of management, which resulted in annual cost savings of 20 percent. Facilities Planning and Management designed and continues to manage capital projects for the renovation of Oelman Hall, Fawcett Hall, and the new academic building. The department also completed the *Campus Master Plan*, which will help guide the university in its plans to upgrade the gateway to the institution, increase green and play space, and construct future buildings.

UNIVERSITY ADVANCEMENT

Jack B. Fistler • Vice President for University Advancement

This has been an active year for University Advancement in enhancing relations with the university's numerous constituents.

The division's four offices are responsible for communicating WSU's accomplishments, linking alumni and friends with university programs, and securing state and private financial support. The WSU Foundation and WSU Alumni Association are vital partners in these efforts.

University Development raised over \$2.7 million from 6,241 donors last year for scholarships and academic and student programs. The total surpassed the \$2.3 million goal by 16 percent. Alumni giving increased 11 percent, with over 400 new alumni donors. Major gifts included a \$1 million commitment from Mrs. Virginia Kettering and the Kettering Fund for geriatric medicine scholarships, three new endowed scholarships, and a gift for theatre renovation. A new volunteer group for performing arts, "Stage Wright Friends," was formed with 40 initial members. The 1996 Campus Scholarship Campaign reached a record annual level of \$125,000 from 622 faculty, staff, and retirees. The fourth Corporate Appeal, led by 100 community volunteers, raised \$510,000.

Membership in the Heritage Societies, recognizing cumulative donors of \$10,000 and more, grew to 134 individuals, and the Legacy Society, honoring planned gift donors, was formed. This past year initial planning began for conducting the first major WSU fundraising campaign.

With increased contributions and strong investment markets, Foundation assets reached a record of nearly \$25 million in market value. Endowment assets surpassed \$15 million.

Government and Military Relations worked last year with state offices and elected officials to secure state funding for student disability

services for Ohio public universities and communicate WSU's interest in legislative proposals. A quarterly newsletter highlighting academic achievements of WSU faculty and students was distributed to state and legislative officials.

An "Academic Outreach Day" at Wright-Patterson Air Force Base highlighted university programs, and a faculty briefing on Bosnia for WPAFB command staff was arranged in conjunction with the Bosnia peace talks. Government and Military Relations hosted "Fairborn Nite" at the Nutter Center for Fairborn civic leaders, and represented WSU at Chamber of Commerce events in the area. Advocacy activities were coordinated in support of the Dayton Area Graduate Studies Institute program and the proposed Ph.D. in engineering.

Public Relations accomplished an array of projects directed toward campus and community constituents. Over 260 university publications were produced, including this *President's Report* and the *WSU Foundation Annual Report*. Two new publications were initiated: *Community* and *Dialogue*. *Community* magazine, in partnership with the Alumni Association, was distributed to WSU alumni and friends and was the first publication for all alumni in several years. *Dialogue*, the completely redesigned newsletter for faculty and staff, was awarded a Silver Medal by the Council for Advancement and Support of Education. A television commercial for undergraduate admissions also merited an award.

In promoting university achievements, PR distributed more than 375 news releases, media advisories, and public service announcements. Numerous stories, including a *Dayton Daily News* feature on President Flack, appeared in print and electronic media. Plans were developed to coordinate the themes and design on the university's web pages.



Jack B. Fistler

Alumni Relations and WSU Alumni Association activities expanded during the past year, with 93 events involving over 1,300 graduates, many of whom are part of the growing association membership. Alumni groups met with WSU leaders in San Francisco, Tampa, Dallas, New York, and Washington, D.C. Alumni/admissions student recruitment events were held in six Ohio cities. Career Services seminars and consultations were provided, and publication of an alumni directory was initiated. Including a redesigned *Alumnews*, alumni communications and activities were enhanced by the publication of school, college, and department newsletters.

As a result of the first annual leadership forum for alumni leaders, the Alumni Association's second chapter—the Miami Valley Chapter—was formed; activities with the Washington, D.C., area chapter were expanded; and organizing efforts for alumni chapters in Cincinnati and Columbus began.

1995-96 WRIGHT STATE UNIVERSITY BOARD OF TRUSTEES

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Jane C. Swart, Dean, College of Nursing and Health
Joseph F. Thomas Jr., Dean, School of Graduate Studies
Leon D. VandeCreek, Dean, School of Professional Psychology

BOOKS PUBLISHED BY FACULTY THIS YEAR

SCHOOL OF PROFESSIONAL PSYCHOLOGY

VandeCreek, Leon D., Knapp, S., &
Jackson, T. (Eds.). *Innovations in
Clinical Practice: A Source Book*.
Sarasota, FL: Professional Resource
Press.

SCHOOL OF MEDICINE

Kapp, Marshall B. *Key Words in Ethics,
Law, and Aging: A Guide to Contem-
porary Usage*. Springer Publishing
Company, 1995.
Ledward, R.S., Cruikshank, Stephen H.
Drug Treatment in Gynaecol. 2nd edition.
Oxford, England: ISIS Medical Media
Ltd., 1995.
Roche, Alexander F., Heymsfield, S.B.,
Lohman, T.G. *Human Body Composi-
tion*. Champaign, IL: Human Kinetics,
1996.
Smyer, M., Schaie, K.W., Kapp,
Marshall B. *Older Adults' Decision-
Making and the Law*. Springer Publish-
ing Company, 1995.

COLLEGE OF LIBERAL ARTS

Ballantine, Jeanne, et al., eds. *Teaching
Sociology of Education*. American
Sociological Association, 1996.
Barr, David L. *New Testament Story: An
Introduction*. 2nd edition. Wadsworth,
1995.
Gabbert, Janice J. *Antigonus Gonatas:
A Political Biography*. Routledge, 1996.
Geibert, Ron. *Photography in the 1990s*
(CD-ROM). Wright State University Art
Galleries, 1995.
Hye, Allen. *The Moral Dilemma of the
Scientist in Modern Drama*. The Edwin
Mellen Press, 1996.
Kaschnitz, Marie Luise. *Long Shadows*
[*Lange Schatten*]. Tr. Annie Whissen.
Camden House, 1995.
Maner, Martin. *The Spiral Guide to
Research Writing*. Mayfield Publishing
Company, 1996.
Milligan, Barry. *Pleasures and Pains:
Opium and the Orient in Nineteenth-
Century British Culture*. University Press
of Virginia, 1995.

Sammons, Martha. *Multimedia
Presentations on the Go: An Introduction
and Buyer's Guide*. Libraries Unlimited,
1996.

Thomas, James, and Shapard, R., eds.
*Sudden Fiction Continued—60 New
Short-Short Stories*. W.W. Norton
Company, 1996.

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Chung, Soon M., ed. *Multimedia
Information Storage and Management*.
Kluwer Academic Publishers, 1996.
Kazimierczuk, Marian, and
Czarkowski, C. *Resonant Power
Converters*. John Wiley & Sons Inc.,
1996.
Dagli, C.H., Akay, M., Chen, C.L.
Philip, Fernandez, B.R., and Ghosh, J.
*Intelligent Engineering Systems Through
Artificial Neural Networks, Vol. 5, Fuzzy
Logic and Evolutionary Programming*.
New York: ASME Press, 1995.



Development News



Virginia Kettering

Kettering Fund Donates \$1 Million to SOM

VIRGINIA KETTERING and the Kettering Fund have endowed a \$1 million scholarship for geriatric medical education in the School of Medicine.

The E. W. Kettering Family Scholarship for Geriatric Medicine will encourage students to make a two-year commitment to practice medicine in a primary care discipline that provides health care for the geriatric population in the Dayton area.

"Over the years, the Ketterings have consistently identified community needs and initiated ways to meet them," says President Harley Flack. "Mrs. Kettering and the Kettering Fund, once again, have identified a critical issue in our community, and this \$1 million gift gives a sense of urgency to the issue and enables Wright State to provide leadership in medical education."

An initial \$100,000 from the endowment will provide \$25,000 scholarships to four students this fall. Each year thereafter, two \$25,000 scholarships will be awarded. ■

Private Gifts to WSU Exceed Goal for 1995-96 Fiscal Year

PRIVATE SUPPORT FOR WRIGHT STATE UNIVERSITY topped the \$2.7 million mark last year, surpassing the \$2.3 million goal by 16 percent.

"This reflects one of the stronger years for private support of the university over the past decade," says Dr. Jack B. Fistler, vice president for advancement and president of the WSU Foundation. "It represents an important endorsement of the university and its programs."

Private gifts help fund university scholarships, outreach programs, research, and academic and student programs often not supported by public funds. All private gifts to the university are channeled through the WSU Foundation.

"Last year's success is a result of a real partnership throughout the entire year," adds Fistler. "It reflects the efforts of a wide array of individuals: from the president; to the deans and directors across campus; to the volunteers who serve on the Board of Trustees, the Foundation and Alumni Association Boards; and to the faculty and staff."

Highlights of the year include an 11 percent increase in alumni giving, with over 400 new alumni added to the foundation's honor roll. Major gifts included the establishment of three new endowed scholarships and a \$78,000 gift will fund renovation of the Celebration Theatre in the Creative Arts Center. Corporate giving activities included the fourth annual Corporate Appeal, launched last April, in which more than 100 volunteers from the business community raised over \$500,000 in commitments by soliciting their peers to support Wright State University.

"The results of the 1995-96 year provide a sound platform to move forward in the future to increase private contributions and to plan a major capital campaign," says Fistler. "It reflects the confidence that our supporters have in Wright State and the prominent role it plays in the Miami Valley." ■

WSU Receives Gift From Schardt Estate for Scholarships

THE WRIGHT STATE UNIVERSITY Foundation received \$71,000 this fall from the estate of Truman Schardt, a native of Chicago who spent the last 30 years of his life in Dayton. Schardt, who died in 1995 at the age of 86, stipulated in his will that his bequest be used to provide scholarships for needy students.

The Truman O. Schardt Memorial Scholarship will award a minimum of two scholarships a year for the next ten years to continuing students who have documented financial need and are in good academic standing with the university. The first scholarships will be awarded in the fall of 1997. ■



J. Lance Cavanaugh

Cavanaugh Named AVP of Development

J. LANCE Cavanaugh was named assistant vice president of university development last August. In this post, Cavanaugh has primary management responsibility for the university's fundraising programs, overseeing major and planned gifts, annual giving, corporate and foundation relations, and fundraising efforts of the colleges, schools, intercollegiate athletics, and other departments. In addition, he works closely with the Wright State University Foundation Board of Trustees.

"I look forward to Lance's leadership of the development team," says Jack B. Fistler, vice president for advancement. "With his wealth of talent and 17 years of experience in institutional advancement, he plays a major role in laying the foundation for a major campaign."

Cavanaugh came to WSU from Beloit College in Wisconsin, where he was director of development and gift planning for four years. While he was there, Beloit received over \$50 million in gifts and pledges for the college's capital campaign. From 1984 to 1992, Cavanaugh was director of development at the University of Minnesota-Duluth. ■



Alumni Association News

Create a Legacy

TO ENCOURAGE the families of Alumni Association members to attend Wright State, the Alumni Association is very proud to sponsor the Alumni Association Legacy Scholarship Program. Children, stepchildren, or spouses of association members may apply for a one-year scholarship award of



Betsy Brown

\$1,000, with eligibility hinging on academic soundness rather than financial need. In the 1996-97 school year, we awarded \$21,000 in Legacy Scholarships to help achieve this goal. Our ambition is to help all eligible applicants.

Calendar Sales Help Sponsor Legacy Scholarships

The sale of the calendar pictured on the back cover is one way the association is funding the scholarship program. A critically impor-

tant friend of this calendar project, in fact, is the driving force behind it—Mrs. Mignon Flack.

Cathy Pearson, board member and chair of the Scholarship Committee, has worked with Mrs. Flack in shepherding this project from the beginning and has been key in its successful completion.

Scholarships: One of Many Benefits

Eligibility for family members to receive a Legacy Scholarship is just one reason

to join the Alumni Association. Membership provides a link—both professionally and personally—to other alumni in your area. In addition, membership provides many other benefits, which are listed on the opposite page. Please look them over carefully. Our hope is that you will join the association, the voice of WSU alumni everywhere. ☐

Betsy Brown

Betsy Brown, President,
WSU Alumni Association



Joe Barlage (center), a 1996 Legacy Scholarship recipient from Miller City, gets help from his family during Move-In Day on September 15. His mother, Susan (left), earned her M.A. in education from Wright State in 1993.

“A CALENDAR IS A WONDERFUL WAY TO CAPTURE MEMORIES. ALL OF THE PROCEEDS FROM THE SALE OF THE CALENDAR WILL BE PLACED IN THE LEGACY SCHOLARSHIP FUND. MR. FLACK AND I ARE THRILLED WITH THE OPPORTUNITY TO SHARE THIS PROJECT WITH THE ALUMNI ASSOCIATION. I HOPE YOU WILL BUY A CALENDAR AND DISPLAY IT PROUDLY.”

—MIGNON FLACK

Bennett Named Outstanding Alumna

DR. BARBARA A. BENNETT, D.O., was awarded the Alumni Association's 1996 Outstanding Alumni Achievement Award last June.

Chief of staff at Grandview Hospital and a successful family doctor, Dr. Bennett earned B.S. ('70) and M.S. ('72) degrees in biology from Wright State and her medical degree from Ohio University. She received the College of Osteopathic Medicine's Dean's Award for Excellence and an Achievement Award from the American Medical Women's Association.

Bennett has served as president of the Dayton District Academy of Osteopathic Medicine and chair of the United Way Agency of Montgomery County for Osteopathic Physicians. She has also served on the boards for the Special Olympics and STARFISH (Society Taking Active Responsibility for International Self-Help, Inc.). Last year she was tapped by *Dayton Daily News* as one of the Top 10 Women of the Year and earned the 1995 YWCA's Tribute to Mentor's Award. ☐

Announcing the 1997 Wright State Alumni Directory

This limited-edition directory lists all Wright State University graduates in four sections, including:

- Alphabetical listings
- Geographical listings
- Class listings
- Occupational listings

Also available on CD-ROM

To place an order, or if you have any questions regarding publication, please contact our publisher, Publishing Concepts, at: 1-800-982-1589 or e-mail pciservice@publishingconcepts.com Watch the mail for your survey!

The WSU Alumni Association—Your Professional and Personal Connection

Membership in the WSU Alumni Association provides a vital connection between you and your university. It provides a link—both professionally and personally—to other alumni in your area. Following are some of the benefits that membership provides. For more information, contact your alumni office at (937) 775-2620; or 1-800-535-0688.

University Facilities and Events

- Eligibility to purchase a photo I.D. for use of recreational facilities in the Student Union and Nutter Center and for discount memberships in the Student Union's fitness center
- Discounts at the University Bookstore
- Discounts for the popular Artist Series programs
- University Libraries borrowing privileges
- Discount for first-time basketball season ticket holders
- Buy one/get one free tickets for home basketball games (UD games excluded)

Privileges

- Priority mailings for Alumni Association travel programs
- Opportunity to join the Wright-Patt Credit Union
- Discounts for Cellular One phone service
- National City Mortgage discounts
- Discounts at Children's World Learning Center

Activities

- College-centered alumni activities and lectures
- Admission to Alumni Association pre- and post-game Raider basketball activities
- Invitations to special university and association events
- Special activities including receptions, dinners, beer/wine tastings, and annual golf outing
- Wright State theatre nights

Career Assistance and Recognition

- Professional Exchange Network (PEN), a career counseling and resume referral service
- Skillsearch, a national database employment assistance program
- Sponsorship of the Outstanding Alumni Achievement Award

Communication and Information Sharing

- *Alumnews*, a publication for Alumni Association members—learn about association events and news, and the professional and personal accomplishments of members
- Online newsletter updating members about the latest association events and news
- Online mailing list for members to discuss WSU issues

University, Alumni, and Student Support

- Sponsorship of the Teaching Excellence Award
- Sponsorship of legacy scholarships for Alumni Association family members
- Eligibility for Alumni Recognition Awards
- Assistance with student recruitment
- Advisory resource and mentors for alumni and students
- Automatic membership in Alumni Association chapters and college societies

Chosen National Role Model for Family Physicians

CROSSING

Dr. Gary LeRoy Bridges Communities to Bring Medical Care to East Dayton

BY KRISTIN KOPP

PATIENTS FILL THE WAITING ROOM of Gary LeRoy, M.D., their faces tattooed with poverty and pain. They wait for something they have seldom known in their lives—caring. The predominantly white Appalachian community, where LeRoy practices medicine, is one of the most medically underserved in the Miami Valley. For LeRoy, who is the medical director of the East Dayton Health Center, it was only logical for him to open his office where he felt “they needed me the most.”

Because of his commitment and compassion, LeRoy was selected as one of “The 50 Most Positive Doctors in America” by the Positive Medicine project, a national initiative based in Philadelphia. The project was created to exemplify humanistic, patient-centered medical care to future generations of medical students.

LeRoy, who is African American and has been tearing down stereotypes since his graduation in 1988 from Wright State University’s School of Medicine, calls it “crossing the bridge.”

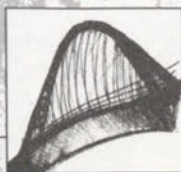
“It was an unspoken law that if you were African American, you stayed on the west side,” said LeRoy. “I was told **never** to go on the east side of Dayton. I couldn’t live with that. There are poor people on this side of town and that side of town, and my chal-

lenge is to bridge that gap and dispel those rumors that cross the river.”

His journey “across the river” almost didn’t occur. Coming from a poor, single parent family, LeRoy never considered college as an option. Instead, he hoped to find a job on an assembly line after graduation from Colonel White High School. But, one of his many “angels,” as LeRoy calls them, had other plans for him. Mr. Smith, his guidance counselor,

encouraged him to apply to Wright State University and study medical technology. In 1974, Gary LeRoy became the first member of his family to attend college.

“I didn’t think I could do it, but people like my high school teacher, David Leedy, believed I could make it



“It was an unspoken law that if you were African American, you stayed on the west side,” said LeRoy. “I was told never to go on the east side of Dayton. I couldn’t live with that.”



the BRIDGE

and encouraged me to reach higher," said LeRoy.

During a medical technology residency, others saw LeRoy's potential and urged him to apply to medical school. Two years later, with the support of Dr. Prem Batra of WSU's department of biochemistry

and Dr. Junius E. Cromartie Jr., LeRoy applied to five medical schools and was accepted at all of them. He decided to attend Wright State's newly built School of Medicine "because I wanted to give something back to the community that had given me so much."

And give he has. In addition to his work with the health center, LeRoy is an assistant professor in the department of family medicine at Wright State. He also is a volunteer physician with the Drew Health Center's Reach Out program; serves as a faculty member with the Miami Valley Hospital residency program; gives physicals to Dayton Public Schools students through the School Health Check program; participates in the National Youth Sports Program for inner-city children; and provides physicals every summer for 600 inner-city children. He is also an active supporter in the life of Wright State: he participates in the Science Apprenticeship Program and Horizons in Medicine, WSU programs that mentor junior and senior high school students to enter health care or science-related fields.

Being an African American physician serving white Appalachian patients has not been easy. "At first, they didn't feel comfortable with a black man taking care of them," said LeRoy. "But patience is like little drops of water that gradually wear away the stones of misconception. Now, I have patients that will tell family members, 'You go see Dr. LeRoy. I won't see anyone else.'" ■



JOHN SHERMAN, Wright State assistant professor of history, visited Haiti for two weeks in June as part of a human rights delegation. His trip, funded through a Professional Development Grant from WSU's Research Council, provided a firsthand look at the problems besetting an impoverished people struggling to establish meaningful democracy in the wake of a brutal dictatorship. This fall, Sherman's upper-division students in his Authoritarianism and Repression class are studying the Haitian political dynamics in-depth.

"Haiti could easily become the hemisphere's first so-called 'Failed Nation-State,'" he explains, referring to the euphemism adopted by the Pentagon for African nations that have collapsed into anarchy. "To understand why so much of the Third World is sliding into hopelessness and violence, we must understand Haiti."

TROUBLE IN HAITI

A CARIBBEAN

MY AIRPLANE LANDED on the lone runway of Port-au-Prince's International Airport in the sweltering heat of midday. A band greeted passengers with merengue as we walked the tarmac, stopped once we entered the terminal, then resumed its music when a second Airbus-300 from the States opened its doors. On the other side of a chaotic baggage claim waited throngs of begging street children, half-clothed and hungry, while grown men jockeyed for the opportunity to carry the bags of rich "blans" (whiteskins).

Though only three hours from Miami, I had entered an upside-down world where minority whites are suspect, and where consumerism gives way to hunger. I was here, as a Latin American scholar, to observe the insecurity of a people struggling to establish democracy after decades of dictatorship and repression. The eight-person Human Rights delegation to which I was attached, sponsored by the Mennonite and Brethren Churches, provided me opportunities that every student of the Third World longs for—intense, on-the-ground encounters with the world's poor as they struggle for

change in the face of the possible political disintegration of their society.

Sometimes the encounters were unanticipated. Housed at a dorm for street children in the slums of Port-au-Prince, I slept on the roof to escape the oppressive summer heat. One night I awoke to find a thief hovering over me. He had scaled the walls and was apparently reaching for the money bag around my neck, when my opened eyes startled him into a hasty retreat. I drifted back to sleep until machine gun fire erupted in the distance a few hours later, followed soon after by the morning calls of strutting roosters nearby.

The desperation of my unexpected visitor was understandable. Over 95 percent of Haitians live in extreme poverty. Ten thousand "lucky ones" toil in U.S.-owned sweatshops, like those contracted by the Disney Corporation. In the land where Spaniards vanquished the Indians, women sew *Pocahontas* pajamas for American kids—and earn 7 cents for each pair (then sold for \$11.97 at Wal-Mart). A visit to Cité Soleil was particularly revealing. Here, in squalor along the coast, one quarter of a million Haitians slowly starve in shanties. A modern hospital sits empty in the middle of the slum—closed by the U.S. Agency for International





Sherman (center) is interviewed on Radio Haiti by Station Director Michelle Montas, with his translator (Pierre Gingrich of Cornell University) in the background.

Development after ungrateful Haitians threw rocks at Tipper Gore's caravan in protest of the hospital's alleged connections to the "Macoute."

The "Macoute," of course, were the fearsome thugs of the hated Duvalier dictatorship (1957-1986), appropriately named after a bogeyman common to Haitian children's stories. Today they are being slowly displaced by the new, professional Haitian National Police [HNP], who patrol the streets of Cité Soleil

NATION ON THE BRINK

By John Sherman, Ph.D.



with respect for the people. We chatted with HNP officers and their Canadian U.N. advisors, who are still leery of the old Macoute.

So, too, are the people. "They still have arms caches," one Haitian told me, "and they do not keep them for hunting lions. We are the lions!" Indeed, since their final ouster in 1994 with the return of Jean Bertrand Aristide, former Duvalierists have stockpiled an estimated 200,000 weapons. Even while we were in Port-au-Prince, they held a downtown rally where they threatened to destabilize the nascent democratic government. The U.N. has failed to disarm the Macoute, who heavily outgun the HNP.

Haiti is a bomb that is ticking.

That's why it's so vital that social scientists study Haiti. It is the western hemisphere's most likely candidate for a "Failed Nation-State"—the Pentagon's euphemism for Third World anarchy. Early fissures are readily visible: one day I visited the murder site of an HNP Officer. Just an hour before, he had stepped off a bus on the main avenue of Delmas when someone—presumably a Macoute—blew off his head at close range with a high-caliber revolver. The young man was returning home from the funeral of the sixth slain officer in ten weeks. Now he was number seven.

The lines are drawn sharply in Haiti: former Macoute and Duvalier supporters, including the super-rich, long for a return to absolute power. The mass of poor, who voted the wildly popular Aristide into office in 1991, thirst for government accountability and change. A visitor can identify a Haitian's convictions in this highly politicized society by asking the critical question: "What do you think of Aristide?" "He's possessed by the devil," the famous Duvalier journalist and playboy Aubelin Jolicoeur (subject of Graham Greene's novel *The Comedians*) told me over a drink in the plush Grand Hotel Oloffson. Just blocks away, I visited the burned out shell of Aristide's church, where poor Christians still gather to pray. Here, in 1988, Macoutes hacked scores of worshippers to death with machetes while

they attempted to kill Aristide. "We must follow Jesus and Titid," a widow whispered to me as she tugged at my sleeve, using the nickname that refers to the former priest's small physical frame.

Some Haitians want change, others fear it, and the United States stands ambivalently in the middle. When the Macoute overthrew Aristide in September 1991, they established a reign of terror. The mastermind behind a wave of death squads, Emmanuel "Toto" Constant, claims to have been a paid informant of the CIA. When the U.S. restored Father Aristide in 1994, Marines carted off documents that would have revealed Constant's operatives and supporters. The Clinton administration has yet to return the files, and while I was in Haiti it released Constant from a U.S. prison, refusing Haitian demands for his extradition.

In Port-au-Prince, stifling humidity aggravated the smells of ubiquitous dirt and exposed sewage. Not far from our living quarters, the mangled corpse of a thief lynched by a mob began to rot in the street. We held a series of meetings with Haitian representatives and U.S. Embassy officials. One of the most candid was with a dozen congressmen, who expressed grave concern over the failure of the U.N. to fulfill its mandate and disarm the Macoute. "We are headed towards a Barundi-type disaster," one warned us, referring to the genocide in central Africa. "Impunity for past abusers threatens our new democracy," another Haitian told me—a position I echoed when interviewed about Constant's release by the Associated Press and quoted about it on National Public Radio.

This fall at Wright State, students in my Authoritarianism and Repression class are examining the historical roots and dynamics of Haiti's political tensions. "Studying this stuff is scary, really scary," reflects one senior. The class is also scrutinizing the media coverage accorded Haitian affairs here in the United States. Haitians have attempted to cast off the legacies of one of the world's most brutal dictatorships over the past decade, but their efforts are incomplete. The transition to democracy is threatened by the violence of the Macoute. Still, the nation is a laboratory for those of us analyzing Latin America's struggle for political equality and social change. ■

Residents gather in the squalor of Cité Soleil



Helping Paralympic Athletes

Pam Stuart Fontaine envisions a different type of Dream Team when she thinks about world-class basketball competition. It isn't the guys with the multimillion-dollar careers who got all the attention at the Atlanta Olympics. Her Dream Team is made up of women athletes, and they race up and down the court in wheelchairs.

Go for the Glory

By Mark Willis



Pam Stuart Fontaine With 1988 Gold Medal

Fontaine played guard on the U.S. Women's Wheelchair Basketball Team that won a bronze medal in the 1996 Paralympics, held in Atlanta this summer just after the Olympic Games. She's been a dedicated, hard-working athlete ever since she began to play intercollegiate wheelchair basketball at Wright State in 1983. After graduating with a degree in physical education (with a concentration in adaptive athletics), she won a gold medal at the 1988 Paralympics held in Seoul, Korea. She started the first women's wheelchair basketball team in Texas while working on a master's degree at Texas Women's University. When she tried out for Barcelona in 1992, she was six months pregnant with her first child.

"I didn't make the team, but I tried out—nose bleeds and all," she says matter of factly. "Athletics has been an essential part of my lifestyle ever since Wright State. I never gave it up. I played through both my pregnancies. It's been a huge commitment, training and being away from home so much, but it's been my salvation."

Fontaine has stuck to a training regimen—aerobic conditioning, weight lifting, and shooting endless baskets—long after most college athletes move on to kinder and gentler pursuits. She's motivated by a competitive drive and the conviction that physical fitness can help people with disabilities lead more independent lives.

"It's just like stand-up," according to Fontaine, now a mother of two. "People in wheelchairs also need to work out. The healthier you are, the better you feel."

Fontaine's conviction, as well as her muscles, were strengthened as a college athlete when she participated in a pioneering research program at Wright State University School of Medicine. Understanding the physiology of exercise for people with spinal-cord injuries (SCI), and designing new training techniques for improving their exercise potential, has been the goal of Dr. Roger Glaser's research for more than two decades. His work has had continuous funding from the U.S. Department of Veterans Affairs (VA) for just as long. His international reputation in exercise physiology for disabled people earned him an active role in the Atlanta Paralympics, too.

Glaser is professor of physiology and director of the Institute for Rehabilitation Research and Medicine (IRRM) at Wright State. His research has demonstrated that muscular, metabolic, and cardiopulmonary responses to exercise can differ greatly between disabled and nondisabled people. "Exercise activities for people with SCI need to be designed to reflect these differences," he says.

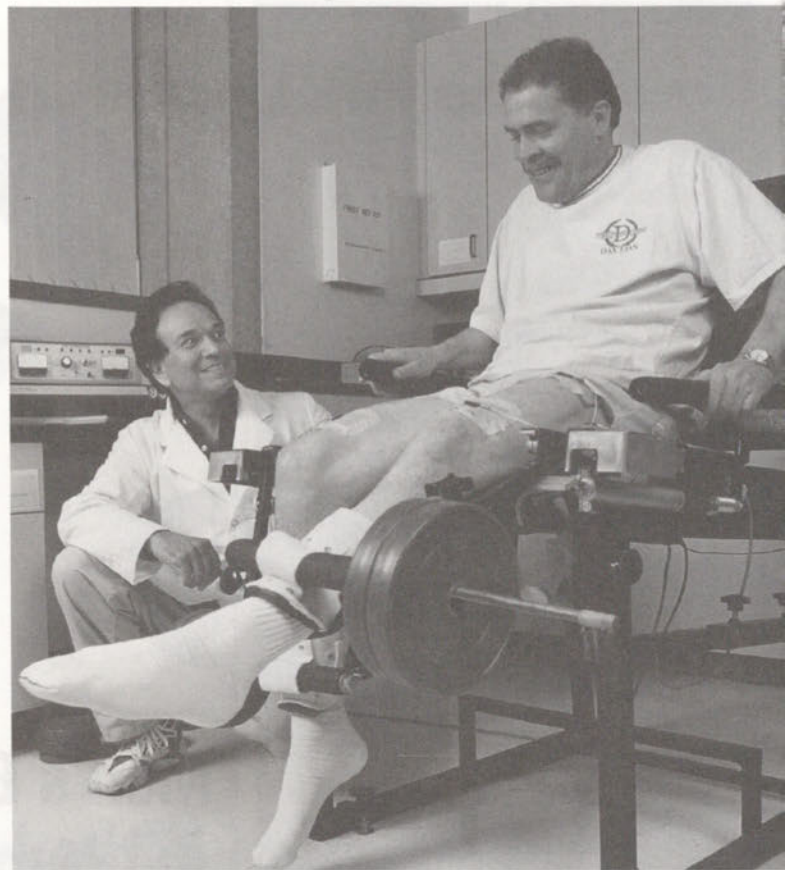
"Our research is aimed at improving the physical capability and physiologic responses to exercise of wheelchair users with SCI," Glaser explains. "We're studying the use of arm exercise techniques for physical fitness testing and training. We're also exploring the use of training techniques that incorporate functional electrical stimulation-induced exercise of paralyzed leg muscles."

Functional electrical stimulation (FES) involves the delivery of computer-controlled electrical impulses to paralyzed leg muscles. The FES induces contractions in the muscles, enabling a person to move paralyzed limbs for exercises such as leg lifts and peddling a stationary bicycle. Glaser's research at the IRRM, the Dayton VA Medical Center, and Miami Valley Hospital has found that therapeutic exercise programs using FES can provide paralyzed people with an aerobic work-out equivalent to jogging. The long-term health benefits of such exercise include improved aerobic capacity; increased size, strength, and endurance of paralyzed leg muscles; decreased rate of osteoporosis in leg bones; and improved blood circulation in the legs.

"Muscular weakness and the early onset of fatigue can discourage people with SCI from pursuing an active lifestyle," Glaser says. "Their activities of daily living become relatively more stressful to perform and limit the development of aerobic fitness. A sedentary lifestyle aggravates this situation, since muscle strength and aerobic fitness decrease progressively.

"Our studies on wheelchair users with SCI indicate that those who maintain a more active lifestyle by regularly participating in exercise and sports programs can increase their muscle strength, aerobic fitness, and physical performance to levels well above those of their inactive peers. In addition to fitness gains, habitual physical activity may also improve an individual's overall health, functional independence, and quality of life."

Glaser was asked to serve on the Paralympics Research Committee, which oversaw all research proposals involving the



Roger Glaser, Ph.D., works with a research subject at the Institute for Rehabilitation Research and Medicine

3,500 disabled athletes who competed in the Atlanta games. He also presented an overview of his Wright State research at the Third Paralympic Congress in Atlanta, a global forum on the latest developments in sports medicine, adaptive technology, and healthy lifestyles for people with disabilities. Furthermore, Glaser and a team of Wright State faculty wrote the lead chapter in *Physical Fitness: A Guide for People with Spinal Cord Injury*, a sports medicine handbook published in conjunction with the Paralympics. Coauthors were Thomas W. J. Janssen, Ph.D.; Agaram G. Suryaprasad, M.D.; Satyendra C. Gupta, M.D.; and Thomas Mathews, M.D.

Glaser believes the sports medicine developments showcased at the Paralympics can have an impact on the health and fitness of many people with disabilities. "You don't have to be a world-class athlete like Pam Fontaine," he says. "The right kinds of regular exercise can improve your overall health and quality of life."

Pam Fontaine believes the Paralympic movement provides valuable lessons for disabled and nondisabled people alike. "When able-bodied people see us compete as athletes at this level, maybe they'll learn to look past the disability and see what we can really do and accomplish," she says. Just as able-bodied kids look up to the Dream Team, "our disabled children need role models in wheelchairs so they'll say, 'Look what she can do! I want to do that.'" ■



RAIDER PROFILE

Keion Brooks

Sport/Position: Basketball/Guard

Year: Sophomore

Hometown: Fort Wayne, Indiana

Major: Business

Biggest sport thrill: Hitting the last-second shot to beat the fourth-ranked team in high school.

The person I most admire (and why): My cousin Mike Stevenson, because he's married with a child and is still in school. He takes care of his family to the fullest.

What I like most about Wright State: Everyone seems to be cool.

My favorite movie: *Menace II Society*

My favorite book: *Makes Me Wanna Holler* by Nathan McCall

The best advice I ever received: "Go to college."

What I do to relax: Play Sega.

If I were president, I would: Make sure any person who wanted to go to college was able to go.

If I could go back in time, I'd visit: The 1992 Olympic basketball games

RAIDER

Men's Basketball Gears Up for New Season, New Team

By Bob Noss
Sports Information Director



IT HAPPENS IN COLLEGE ATHLETICS EVERY YEAR—teams are without some key players from the year before. This holds true for the Wright State Raiders this year. With the departure of Vitaly Potapenko, who was drafted in the first round of the NBA by the Cleveland Cavaliers, and four-year starter Delme Herriman, it is a different team this year. However, the departures give opportunities for new players and new heroes to prove themselves.

Finishing with a 14-13 (8-8 in the MCC) last season, the Raiders return two veteran starting guards who dazzled the crowds in recent times and an important sixth man who would like to shed that title for a starting role this year. Senior Rob Welch lost much of last year to an ankle injury but came back to give a glimpse of his vital three-point shot and smart point play. Keion Brooks broke his way into the lineup early last year as a rookie and had people asking "Is this kid really just a freshman?" Senior Mike Conner has a chance to break the 100-games-played barrier and hopes for a bigger role this year.

Also back are juniors Steno Kos and Thad Burton, looking for playing times inside after each shared the starting role early last year.

Much focus will be on nine newcomers, including three guards—freshmen Mike Richardson and John Sivesind and junior redshirt Erik Ramsey. Newcomers to the front court include junior college transfer Mark Oliver and freshmen Ryan Grose, Steve Yeagle, Lequent Lewis, and De'Andre Shepard. ☐



HOOPLA

Women's Basketball Celebrates Two Milestones

By Matt Zircher

Assistant Sports Information Director

RETURNING WITH a 11-16, 5-11 MCC record from last season, the women's basketball team is looking to improve on that mark this season, even though last season's top scorer and rebounder, Timothea Clemmer, is gone. This year, Wright State returns eight letterwinners and two starters. Leading the list of returnees is sophomore forward Beth Bartram, named to the Midwestern Collegiate Conference's All-Newcomer Team last season. Also returning is junior guard Heather Massengale, who, in her first season last year started 10 of the last 13 games, averaging 5.3 points per game. Two seniors also return: guard Lori Blanchard and center Michele Dalbey. Blanchard shot over 45 percent from the three-point range, making 30 for the season. Dalbey started 14 times, averaging 4.7 points and 3.3 rebounds per game.

Besides Massengale, the only other returning junior on the squad is forward Amber Kirk, a spark plug off the bench last season, averaging 5.6 points and just over two rebounds per game. Along with Bartram, three more sophomores return: guard Carrie Bender, WSU's second leading returning scorer last season at 7.3 points per game; center Emily Curtis; and guard Demeka Brown.

Two juniors, a sophomore, and two freshmen make up the newcomer class for this season, including junior forward La'Tonia Stiner, who played her freshman year at Dayton; guard Tanya Bullhead, from Bismarck State College in North Dakota; and Carrie Day, who attended Wright State last year but did not play. ■

RAIDER PROFILE

Lori L. Blanchard

Sport/Position: Women's basketball/
Guard

Year: Senior

Hometown: Wooster, Ohio

Major: Elementary Education

Biggest sports thrill: Playing in the Division I high school championship game.

The person I most admire (and why): My parents, they have worked hard their whole lives and have always been there for me. They make a lot of sacrifices for my sister and me.

What I like most about Wright State: Its education program.

My favorite movie: *Grumpy Old Men*

My favorite book: *The Agony and the Ecstasy* by Irving Stone

The best advice I ever received: "Never be satisfied with mediocrity. You learn from the good and the bad things that happen."

What I do to relax: Listen to music and spend time with my friends and family.

If I were president, I would: Improve education, kids are the future.

If I could go back in time, I'd visit: The West when it was first being settled.



RAIDER SPLASH



RAIDER PROFILE

Christie Rieskamp

Sport/Position: Swimming/
Backstroke

Year: Junior

Hometown: Cincinnati, Ohio

Major: Nursing

Biggest sports thrill: Being named
High School All-American.

**The person I most admire (and
why):** My parents because of the
way they have raised our family
and the time they have given of
themselves for their kids.

**What I like most about Wright
State:** The close friends I have
made through school and swim-
ming.

My favorite movie: *The Cutting
Edge*

My favorite book: *Knight* by Julek
Heller

The best advice I ever received: "If
you want something, go get it."

What I do to relax: Go running.

If I were president, I would:
Resign.

If I could go back in time, I'd visit:
My friend, who was killed in a car
accident.

Swimmers and Divers Defend Conference Championship

By Matt Zircher
Assistant Sports Information Director

THE WRIGHT STATE MEN'S AND WOMEN'S swimming and diving squads are entering the 1996-97 season as defending conference champions. With the graduation of only three seniors from those two squads, expectations are high for this season. Fourteen letterwinners return for the men's team and 17 return for the women's.

Men's Swimming and Diving

THE MEN'S SQUAD will be defending its title without Darren Heidenreich, who was named as the MCC's Outstanding Performer of the Year.

Leading the list of returnees is junior Jason Schwartz, who was the MCC champion in the 100 back, 200 back, and 100 fly last season. He also holds WSU records in the 100 back and 100 fly and was part of the 200 medley relay team that set a new Raider pool record last season.

Also returning for his senior season is Stuart Wells, who won individual conference titles in the 200 breast and 200 IM. He was also part of the WSU pool record-setting 200 medley relay team.

Two other squad members who were part of WSU's conference champion relay teams also return: sophomore Greg Snyder and senior Ike Dryer.

Women's Swimming and Diving

THE WOMEN'S SQUAD is led by nine seniors who have contributed greatly to the Raiders' success the past few years. Amy Hutchinson returns after winning the MCC titles in both the one-meter and three-meter dives last season, with her three-meter-mark setting a new MCC meet record. Fellow senior Karen Lesh, who finished second to Hutchinson in each of the diving events at the conference meet last season, should continue her strong performance this season. Last year's Most Valuable Player, senior Lana Goodrich, also returns after winning an MCC title in the 200 back last season. Another senior who won a MCC title last season is Julia Gaynor, who was victorious in the 400 medley individual medley. ☐

RAIDER PROFILE

Jason Rieskamp

Sport/Position: Swimming

Year: Freshman

Hometown: Cincinnati, Ohio

Major: Pre-med.

Biggest sports thrill: Being
named High School All-Ameri-
can.

**The person I most admire
(and why):** My dad, he's a very
hard worker.

**What I like most about Wright
State:** The athletic program.

My favorite movie: *Menace II
Society*

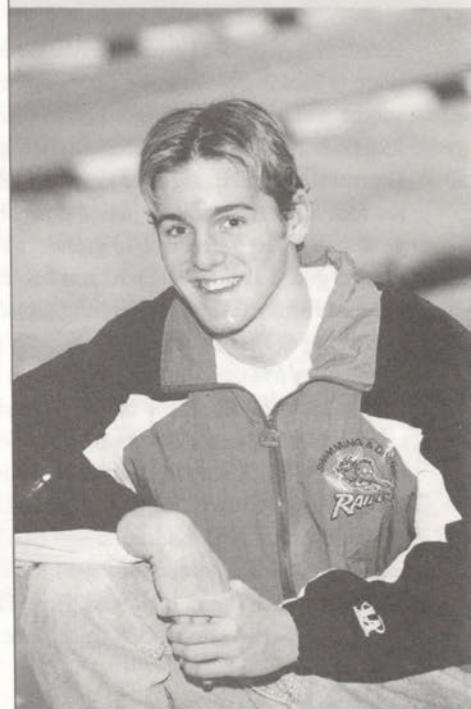
My favorite book: *The Count of
Monte Cristo* by Alexander
Dumas

The best advice I ever received:
"No pain, no gain."

What I do to relax: Sleep.

If I were president, I would:
Clean up the environment.

**If I could go back in time, I'd
visit:** My great grandfather.





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