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Record

WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 18 No. 35 Aug. 4, 1994



"In Pasture" (1882), an oil on canvas by Julien Dupré, is one of 85 masterpieces that will be on display Aug. 15-Oct. 16 in the Gallery of Art. The exhibit, titled "A Gallery of Modern Art," highlights the University's permanent collection, considered by some art scholars to be among the best university collections in the country.

Exhibit showcases 85 masterpieces from Gallery of Art

Masterpieces from the Gallery of Art's permanent collection will be on display Aug. 15-Oct. 16. The first fully illustrated catalog in the collection's existence will accompany the exhibit. The catalog serves not only as a companion to the show, but also provides a record of St. Louis collecting tastes over nearly 150 years, said Joseph D. Ketner, gallery director.

A reception, which is free and open to the public, will be held from 7 to 9 p.m. Sept. 9 in the gallery.

Titled "A Gallery of Modern Art," the exhibit is organized and curated by Ketner. The show features 85 works by such masters of 19th- and 20th-century art as George Caleb Bingham, Pablo Picasso, Henri Matisse, Jackson Pollock, Max Beckmann and Willem de Kooning, and sculptures by Alexander Calder, Jean Dubuffet, Henry Moore and Jacques Lipchitz. The exhibit will include such well-known and important 20th-century works as Matisse's "Still Life With Oranges," de Kooning's "Saturday Night" and Picasso's "Glass and Bottle of Suze."

In addition, one of the most important historical paintings in American art, Bingham's "Daniel Boone Leading Settlers Through the Cumberland Gap," will be on display.

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Information superhighway

School of Engineering and Applied Science offers roadmap to the world

Washington University is a treasure trove of information on the Internet, the fast lane of the famed "information superhighway." The School of Engineering and Applied Science's wuarchive, a scintillating hodgepodge of intriguing data, equal to 20,000-plus floppy disks, is the greatest data domain on the Internet, the worldwide computing network that draws an estimated one million new users each month. Created in 1989 by Martin Dubetz, Ph.D., director of Academic Computing and Networking, and software engineer Chris Myers, wuarchive handles an average of 25,000 Internet users each day; during peak times, as many as 50,000 Internet devotees worldwide are turned away from wuarchive because the network cannot handle all the traffic. Those turned away miss the chance to browse electronic bulletin boards, government publications, video demonstrations, weather reports, newspaper articles, software packages and computer games, among the endless data jewels available on wuarchive.

Washington University students, faculty and staff are richer for being in the very lap of this information data luxury, yet many do not know how to take advantage of the resources. To get on the highway, said Dubetz, you need a map. One map to Internet is called a "gopher." Worldwide, there are nearly as many gophers as can be found in the Texas plains. At Washington University, the "root" gopher goes by "gopher.wustl.edu" in Internet lingo.

But a gopher by any other name is really a menuing system, said Dubetz.

"A gopher is basically an interactive index that helps you navigate your way through the information superhighway," he explained. "Before the term was coined by the Internet community in the early '90s, we had one in place here in 1988, a primitive precursor to the large one now."

"It's my office's responsibility to organize our root gopher so that it's convenient for

people coming in from the outside world to find information provided by our departments and campus organizations. At the same time, the root gopher helps our faculty, staff and students find information from other campuses and institutions. We try to include the gophers of other places on our gopher. That way, it's easy for others to get here, easy for us to get out."

There are gophers within gophers. For instance, there are 18 departmental gophers on the root Washington University gopher.

**By the year's end
every student in
every Washington
University residence
hall will have access
to Internet via a
special jack installed
in each room.**

Each one has data of interest to the particular department. Biology, for instance, has listings of seminars, research papers, course offerings and arcane biological data bases. What's on a gopher largely reflects a department's needs and taste, Dubetz said.

"You can find listings of top 40 songs, sports scores and all sorts of fun trivia," he said. "There's a place in Michigan that puts all weather information on its gopher. Any time I want to know what the weather is, I just get into it, and the data are updated regularly, every four hours or so."

Closer to home, the College of Arts and Sciences has class listings, course sched-

ules, exam schedules and summer school information on its gopher. A test file of the Washington University Record is on the root gopher. System programmers are in the process of installing current issues.

"The gopher is an excellent medium for displaying texts, but it doesn't do a visual production like the Record justice," Dubetz said. "We've recently been working with another application, funded by the National Science Foundation, that is a fancy gopher that lets us do things like the Record very well. It's called 'Mosaic,' and you might call it 'Son of Gopher.'"

Mosaic was developed by the National Center for Supercomputer Applications at the University of Illinois, Urbana-Champaign, one of the nationally designated supercomputer centers. It is a much more versatile tool that not only carries text, but also video and even audio data. Released in late November 1993, Mosaic drew immediate interest from Washington University, which was one of the earlier campuses worldwide to go online.

"Mosaic is one of the first Internet innovations that has sparked the interest of the arts and humanities as well as the sciences," said Dubetz. "As soon as Mosaic was introduced, we created an electronic version of the Washington University Facts brochure. By digitizing the photographs and entering the text in a special file, Washington University was one of the first universities to offer a preview of its campus on the Internet with Mosaic."

Mosaic allows the world an intimate glimpse of Washington University in an "electronic magazine" format. Dubetz said that some Washington University students, with assistance from Kathy Atnip, associate director of Academic Computing and Networking, have developed their own experimental "page" which gives a sampling of Washington University life, from the minutes of the last Congress of the South Forty

Continued on page 6

Piper gift supports Olin business school

Washington University Chancellor William H. Danforth has announced a \$1 million gift from Vernon W. Piper, retired president of the A.C.L. Hasse Co. and a 1935 graduate of the John M. Olin School of Business.

The gift will serve as a challenge grant to encourage alumni and friends to support



Vernon W. Piper

the business school. The directorship of executive programs, the Grand Hall and the Executive Programs Suite in Simon Hall will be named for Piper to recognize his generosity.

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Two School of Medicine physicians helped spur a national AIDS public health campaign

Staunch advocate 3

Stephen H. Legomsky fights stereotypes linked to immigrants, pushes for liberalized policies

Olympic overview Insert

Washington University was home to 3,000 young athletes during the 1994 U.S. Olympic Festival July 1-10

Medical Update



William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, recently spoke at the White House on behalf of members of the Association of American Medical Colleges in support of comprehensive healthcare reform and universal coverage.

David Kipnis receives George Kober Medal

David M. Kipnis, M.D., Distinguished University Professor and head of the Department of Medicine from 1973 to 1992, has received the George M. Kober Medal from the Association of American Physicians (AAP). At the annual AAP meeting, William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine, presented Kipnis with the award.

In its 70-year history, the Kober Medal has become one of the most recognized and lauded awards in medicine. It is presented annually to an AAP member who has made significant achievements in the medical sciences and whose efforts have helped advance the field of medical science as a whole. Past recipients of the medal include 10 Nobel laureates.

Regarded as a pioneer in endocrinology and metabolism, Kipnis' research has helped to delineate the mechanisms of sugar and amino acid transport, the regulation of insulin release within the pancreas and the molecular mechanisms

underlying the metabolic effects of various hormones. His research has been cited for numerous awards, including the Endocrine Society's Ernest Oppenheimer Award, the American Diabetes Association's Lilly Award, the Charles Best Award and the Banting Medal.

Kipnis' involvement in basic and clinical research established him as a staunch advocate for the scientific basis of medicine and for the critical link between fundamental research and innovative patient care. Research and training collaborations he established between the Department of Medicine and the school's basic science departments became a model for clinical departments at medical schools nationwide. Under his guidance, many young physicians also opted to pursue Ph.D.s and went on to launch successful careers as physician-scientists in academic medicine.

As head of the Department of Medicine and chief of medicine at Barnes Hospital for nearly two decades, Kipnis

propelled the department through a period of unprecedented growth. During his tenure, the number of full-time faculty in the department increased from 46 to 160, the operating budget rose from \$4.5 million to \$110 million, and the departmental research enterprise grew to comprise 25 percent of Washington University's total research budget. Kipnis was a driving force behind the conceptualization of the \$100 million Washington University/Monsanto Biomedical Research Agreement — the largest research collaboration between an American company and an American university.

Kipnis devotes most of his time to his continuing research and his work with foundations and corporations. He is chair of the Scholar Advisory Committee of the Lucille P. Markey Charitable Trust, serves on several corporate boards, and is a highly sought adviser both within and outside Washington University.

Kipnis is a member of the National Academy of Sciences, the Institute of Medicine and the American Academy of Arts and Sciences. Throughout his career, he has been an active member in a variety of professional societies, some of which include the Association of American Physicians, the American Society for Clinical Investigation and the American College of Physicians.

The Kober Medal is named for George M. Kober, who many physicians feel was the epitome of the "physician-scientist."

Grants now available for cancer research

Applications now are being accepted for the Washington University Institutional Research Grant from the American Cancer Society. These applications, which are accepted twice a year, are due by Sept. 15.

The purpose of the awards is to support a project for which other support is not available. The proposals must have some direct or indirect relevance to clinical or laboratory aspects of cancer.

Only instructors and assistant professors are eligible. Awards may not exceed \$15,000 for one year by the American Cancer Society, and renewals of funding are not permitted.

For application forms and guidelines, call Kristi Bullock at 362-5210.

Local researchers help spur national SIDS public health campaign

Research conducted by two School of Medicine physicians, Bradley T. Thach, M.D., professor of pediatrics, and James S. Kemp, M.D., assistant professor of pediatrics, helped spur a national public health campaign that kicked off this summer.

The health campaign, named "Back to Sleep," is aimed at reducing Sudden Infant Death Syndrome (SIDS), the leading cause of death in babies 1 month to 1 year old in the United States. The campaign emphasizes placing infants to sleep on their backs or sides instead of stomachs.

The American Academy of Pediatrics, the National Institute of Child Health and Human Development, the Sudden Infant Death Syndrome Alliance and the Association of SIDS Program Professionals announced the joint effort.

This campaign, designed to educate the public and healthcare professionals, also urges placing infants to sleep on firm surfaces.

Findings from studies conducted by Thach and Kemp suggest that soft bedding may be responsible for up to 25 percent of deaths from SIDS. They found that soft bedding forms a pocket around the face and may cause an infant to re-breathe exhaled air, which can lead to death from carbon dioxide poisoning.

"We are hopeful, with our campaign in the United States, that we will be able to reduce the risk of SIDS and the number of cases we see annually. We think that by avoiding the prone position and soft bedding, we have a very good chance of achieving this goal," said Thach. "We don't know how much we can reduce the number of deaths, but in the other countries that have had similar campaigns, they have reduced death rates by 50 percent."

Volunteers needed

The Section of Applied Physiology is seeking volunteers for research studies investigating the health benefits associated with growth hormone replacement therapy and strength training exercise. Volunteers should be 65-75 years of age, non-smokers, free of medications for coronary artery disease, hypertension, diabetes and neuromuscular disease and able to participate in the study for 16 weeks. For more information, call Jill Campbell at 362-2396.

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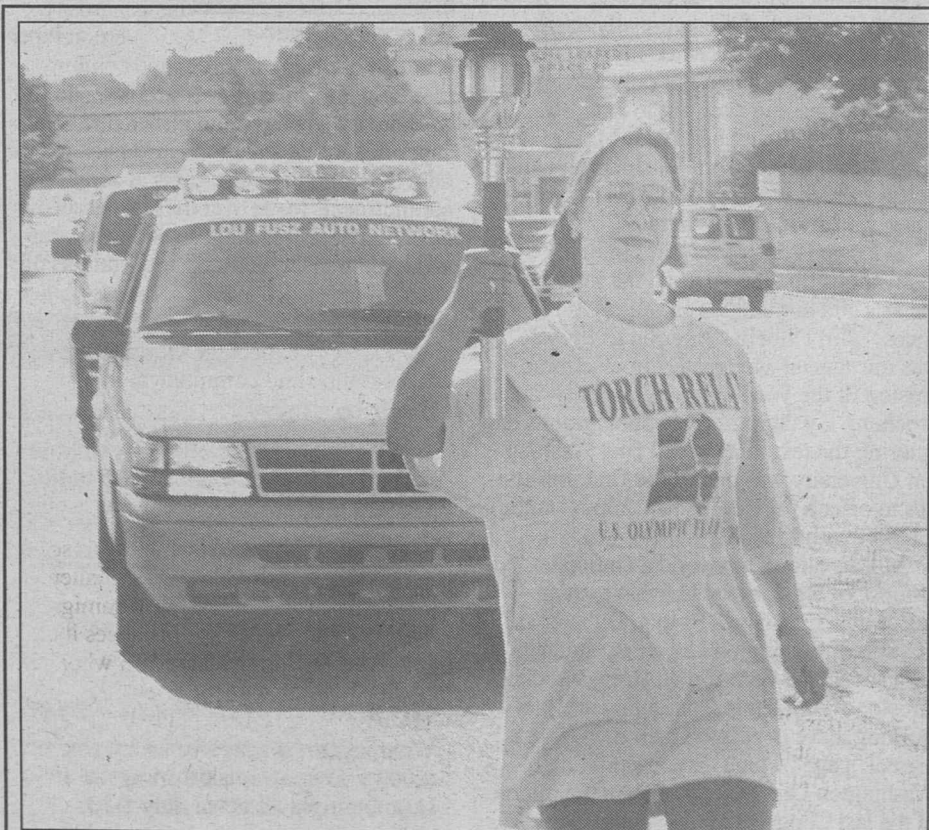
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Washington
WASHINGTON UNIVERSITY IN ST. LOUIS



Lindy Ketchens, a secretary in the Department of Molecular Biology and Pharmacology, carries the Olympic Festival torch on Oakland Avenue.

Washington People

Immigration expert sets record straight

Before immigration expert Stephen H. Legomsky, J.D., D. Phil., enrolled in law school, he spent five years as an insurance actuary — developing mathematical theories, figuring probabilities, reducing whole nations of living, breathing people into neat statistical categories for cancer risk, mortality rate and life span.

Now, nearly 20 years later, the Walter D. Cole's Professor of Law asks people to look beyond the numbers, to see individual human beings worthy of compassion among the huddled masses of the tired, the poor and the homeless, both abroad and in our own communities.

"The message I really want to get across is that we shouldn't be too quick to prejudge the impact of immigrants on the United States," Legomsky said. "We should base our impressions on facts, rather than rumors, and there is a great deal of misinformation out there about immigrants."

Legomsky's image of immigrants is a personal one. All four of his Jewish grandparents passed through Ellis Island around the year 1900 as they fled persecution in their Latvian and Lithuanian homelands. A staunch advocate of liberalized immigration policies, Legomsky wants to set the record straight on immigration and he's taking his message well beyond Washington University.

In 1989, Legomsky tutored former St. Louis County Executive Gene McNary for hearings in his successful nomination as commissioner of the U.S. Immigration and Naturalization Service (INS). McNary gave his teacher high marks, and from 1990 to 1992, Legomsky chaired the commissioner's immigration policy advisory committee.

Following President Bill Clinton's election in 1992, Legomsky was called upon to serve as an immigration adviser to Clinton's transition team. And, in 1993, Legomsky traveled to Geneva and Moscow to advise the Russian government on immigration policies. This year he was invited to Kazakhstan to advise that country's government on citizenship legislation, but other obligations forced him to decline.

Legomsky has testified before the U.S. Congress on immigration matters. He has chaired both the Law Teachers Committee of the American Immigration Lawyers Association and the immigration law section of the Association of American Law Schools. And he has been immigration adviser to the Administrative Conference of the United States.

He also is the author of *Immigration Law and Policy*, which has become one of the nation's leading course books on immigration law since its publication in 1992. Legomsky spent much of July finishing a 1994 supplement to the textbook, which is now used in more than 60 law schools.

Other recent books include *Specialized Justice* and *Immigration and the Judiciary: Law and Politics in Britain and America*, both published by the Oxford University Press.

Although frequently called to lend expertise on national and international issues, Legomsky has not forgotten his home base. He is warmly regarded among students as an intense and inspiring teacher who brings out the best in students, and as a friend and counselor in times of need.

"A teacher needs to be very demanding on matters of substance, and at the same time, respectful of a student's dignity in the classroom. A good teacher can do both," he said.

Legomsky's goal is to help students develop permanent thinking skills and a broad understanding of legal and ethical frameworks that will serve them throughout their careers as lawyers. Merely providing information is not enough, he stressed, because "information is transient and what's important changes."

Legomsky first began working with immigrants at the University of San Diego, where during his first two years of law school he volunteered about 20 hours a week at an immigration legal aid clinic. He went on to become student director of the clinic, as well as comments editor of the San Diego Law Review, before graduating first in his class in 1977.

After law school, Legomsky spent two years in Oxford University's doctoral program, followed by two years at the 9th U.S. Circuit Court of Appeals in San Francisco. At the court, he began as a law clerk and finished as the chief of one of the three divisions of the court's legal staff.

He joined the Washington University law faculty in 1981 and earned a Doctor of Philosophy degree from Oxford University in 1984. Recent honors include election to the American Law Institute and receipt of Washington University's Distinguished Faculty Award.

Legomsky has taught a long list of courses, but the 1993-94 school year was the first time he taught a course

on international human rights. He said that all nations must do more to respect human rights and to provide safe haven for soaring refugee populations worldwide.

"Most nations of the world could admit more immigrants than they do, especially the wealthier, industrialized nations," he said. "Those nations that can afford to — in terms of geographic, economic and cultural restraints — should be taking in more of the world's refugees."

"The United States is one of the most generous nations in terms of accepting immigrants," said Legomsky. "Open borders are not practical here now, but the nation would benefit from admitting more immigrants than we now do."

Legomsky acknowledges legitimate concerns about immigration, but he argues that the benefits of liberal

bobbing off our shores, Legomsky points out that the vast bulk of immigration into the United States is through legal channels. The number granted legal entry is quite limited — only those immigrants who fit into certain specific pigeonholes are admitted.

His estimates show that 60 percent of immigrants who gain legal admission are coming here to be reunited with close family members who are lawful U.S. citizens or permanent residents. Nearly 20 percent of legal immigrants are persons of "extraordinary" prominence or those who have special skills employers need and cannot otherwise obtain. Only about 15 percent are refugees fleeing persecution. The United States admits only about 100,000 refugees each year, much less than 1 percent of the world's displaced people.

Legomsky also has a long list of the benefits that immigrants provide. By taking jobs that many Americans refuse, immigrants allow marginal industries here to stay afloat, thus creating jobs for Americans who manage and do business with these companies. As consumers, immigrants also create jobs for companies that provide them with goods and services.

As they are younger than average, immigrants tend to contribute more to Social Security than they draw from the system, and they pay more in federal income taxes than they receive in federal government services. Most important, said Legomsky, is the contribution immigrants make to the nation's diversity, enriching us both culturally and spiritually.

Legomsky, in turn, enjoys his opportunities to work in foreign countries. He has spent summers as a visiting professor at the University of San Diego in Mexico City and Webster University (St. Louis) in Geneva. In 1988, he spent eight months doing research at Victoria University in Wellington, New Zealand, where he wrote a book on the theory and practice of specialized courts.

He also has worked to bring a global perspective home to his community. He is very involved in the University City School District, where his two daughters are enrolled.

Shortly after his election to a three-year term on the University City Board of Education in 1993, Legomsky drafted and gained approval for a proposal that will make University City the first school district in St.

Louis, and possibly the first in Missouri, to provide foreign language instruction to every elementary school child.

"Learning a new language comes so easily for children that success is almost guaranteed. For that reason, it's a great confidence builder," he said. "Foreign language study also helps children develop skills they will use in other courses and in a global society."

Legomsky also started a large-scale volunteer tutoring program for the Brittany Woods Middle School in University City.

Another top priority for Legomsky is finding ways to help the school district close the gap between African-American and white students in measures of educational achievement. He calls the gap "demoralizing and unacceptable."

"The most outstanding characteristic of University City is that it tends to attract a lot of people who move here out of an affirmative desire to live in a racially integrated community," he said. "Residents here are committed to establishing productive, harmonious relationships, but naturally, when it comes to schools, there are bound to be differences of opinion."

He sees the issues raised by diversity within his school district as similar to those he faces in his work on global immigration.

"We need to consider the world that today's first-graders will be competing in," he said. "Already, it is clear that knowing a second language is an important advantage. In the next 50 years, we can only expect the world to grow smaller as both transportation and communications improve."

Legomsky is scheduled for a sabbatical next spring and he is considering writing a book on the moral theory of immigration restrictions. He wants the book to be accessible to a wide range of people — not just lawyers.

He envisions the book as a continuing Socratic discussion in which a teacher and a group of students challenge each other about traditionally held concepts of immigration. The book would address under what circumstances it is moral to have immigration restrictions based on what amounts to an accident of birth.

"Should your freedom of movement really be legally constrained by such accidents as where you were born and who your parents are?" asked Legomsky. "Why is it, for example, that we prohibit race and gender discrimination, yet we don't think twice about passing citizenship and immigration laws that define a person's rights by reference to place of birth and identity of parents?"

— Gerry Everding



Law Professor Stephen H. Legomsky, J.D., D.Phil. (second from left), talks with law students (left to right) Jessica Zeldin, Thayer Weaver and Amy Sneirson.

"A teacher needs to be very demanding on matters of substance, and at the same time, respectful of a student's dignity in the classroom. A good teacher can do both."

immigration policies far outweigh perceived problems. In a recent St. Louis Post-Dispatch commentary, he contended that most Americans have a distorted view of immigrants.

"Those of us who have worked with immigrants know the power of their accomplishments and the inspiration of their examples," wrote Legomsky. "Yet opinion polls consistently show negative public attitudes toward immigration. Why the disparity between the positive reality that firsthand observers see and the negative perception that the opinion polls reflect? The answer is sad but simple: When it comes to immigration, image is everything. And the image of immigrants is at an all-time low."

He blames much of the current paranoia about immigration on sensationalist news media coverage. "The media tend to publicize and to exaggerate the negative aspects of immigration, while the positives tend to be neglected," he said.

Politicians, he adds, too often provide ill-informed and contradictory messages about the impact of immigration on the nation. "The people who complain loudest about immigrants taking all the jobs are often the same people who complain about immigrants being on welfare."

Legomsky simply wants people to look at the facts before they make up their minds on immigration. He concedes that some immigrants end up on welfare, but he's quick to add that as a group, immigrants pay far more in taxes than they receive in social welfare benefits.

While the news media focus on hordes of Mexicans rushing our southern border and boatloads of Haitians

Calendar

Aug. 4-27



Exhibitions

"A Gallery of Modern Art." Features 85 works by masters of 19th- and 20th-century art. It is the first time the collection of paintings has been shown together. Aug. 15 through Oct. 16. Gallery of Art, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 935-5490.

"Herb Weitman: Quintessential Campus Photographer." The work of renowned Washington University photographer Herb Weitman will feature 50 black and white and color photographs of the University's campus, students and professors. Aug. 15 through Sept. 11. Gallery of Art, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 935-5490.

"Posters of Leonetto Caprello." Aug. 19 through Sept. 11. Bixby Gallery, Bixby Hall. 935-4643.



Performances

Monday, Aug. 22

10 a.m. Performing Arts Dance Division audition. A placement audition for first-year and other students wishing to enter upper-level dance courses without the prerequisite classes. Dance Studio, Room 207 Mallinckrodt Center. 935-4475.



Films

Tuesday, Aug. 9

7:30 p.m. Summer School Foreign Film Series. "Blow-Up" (1966), in Italian with English subtitles. Room 219 Ridgley Hall. 935-6720.

Wednesday, Aug. 10

7:30 p.m. Summer School Classic Film Series. "My Left Foot" (1989). Room 219 Ridgley Hall. 935-6720.

Tuesday, Aug. 16

7:30 p.m. Summer School Foreign Film Series. "The Troubadours" (1988), in Chinese with English subtitles. Room 219 Ridgley Hall. 935-6720.

Calendar guidelines

Events sponsored by the University — its departments, schools, centers, organizations and its recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.

Calendar submissions should state time, date, place, sponsor, title of event, name of speaker(s) and affiliation, and admission cost. Quality promotional photographs with descriptions are welcome. Send items to Judy Ruhland at Box 1070 (or via fax: 935-4259). Submission forms are available by calling 935-4926.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline, holiday schedule, or any other information, please call 935-4926.

Wednesday, Aug. 17

7:30 p.m. Summer School Classic Film Series. "The Silence of the Lambs" (1991). Room 219 Ridgley Hall. 935-6720.



Music

Thursday, Aug. 25

Dept. of Music vocal auditions. Vocal Jazz Choir, 1-4 p.m., Room B-10 Blewett Hall; Chamber Choir, 4-7 p.m., Tietjens Hall. Auditions continue Aug. 26 for University Chorus, Vocal Jazz and Black-Composer Repertory Chorus from 1-4 p.m. in Room B-10 Blewett Hall. Call 935-7405 to schedule specific times.

Saturday, Aug. 27

Dept. of Music instrumental audition. Wind Ensemble, 1-4 p.m., Tietjens Hall. Call 935-7405 to schedule specific times.



Miscellany

Wednesday, Aug. 10

5:30 p.m. University College workshop. "Returning to Learning," Ellen Krout Levine, coordinator, Career Programs. Room 30 January Hall. 935-6700.

Thursday, Aug. 18

8 p.m. Office of Continuing Medical Education seminar. "Alzheimer's and Family Issues for the Professional." Lodge of the Four Seasons, Lake of the Ozarks, Mo. Through Aug. 20. Presented in conjunction with St. Louis Chapter of Alzheimer's Association and St. Louis University Division of Geriatric Psychiatry. For credit and cost info., call 362-6893.

Wednesday, Aug. 24

First day of classes.

Holiday schedules set

The following holiday schedules have been approved for the 1994-95 fiscal year for all employees on the Hilltop and School of Medicine campuses other than those represented by union contracts.

Hilltop Campus

Holiday	Date	Date(s) of Recognition
Labor Day	Sept. 5	Sept. 5
Thanksgiving	Nov. 24	Nov. 24, 25
Christmas Day	Dec. 25	Dec. 26
New Year's Day	Jan. 1	Jan. 2
Martin Luther King Jr.	Jan. 15	Jan. 16
Memorial Day	May 30	May 29

School of Medicine

Holiday	Date	Date(s) of Recognition
Labor Day	Sept. 5	Sept. 5
Thanksgiving	Nov. 24	Nov. 24
Christmas Day	Dec. 25	Dec. 26
New Year's Day	Jan. 1	Jan. 2
Martin Luther King Jr.	Jan. 15	Jan. 16
Memorial Day	May 30	May 29

Orientation theme transports new students to 1904 World's Fair

Organizers of the 1994 New Student Orientation hope to rekindle the excitement of the 1904 St. Louis World's Fair Aug. 19-Sept. 1.

The orientation theme, "Meet Me in St. Louis: 1904-1994," marks the 90th anniversary of the fair, which celebrated the Louisiana Purchase. With a little imagination, Washington's 1,304 new students may find themselves temporarily transported in time.

New students can test their skill at ballroom dancing, go on tours highlighting Washington University's involvement in the fair, or attend an Olin Library exhibit on campus structures built or under construction in 1904. The exhibit will be displayed on Olin's third floor from approximately Aug. 15-Sept. 1.

Orientation also will reflect the flavor of the fair. Commonly served foods, such as hot dogs and ice cream, will be offered at several orientation programs, said Marcia Hayes-Harris, assistant director for orientation and resident student services. "That Fabulous Summer," a St. Louis-produced movie focusing on the fair, will be shown continuously at the student check-in site as well. Laclede Gas Co. owns the movie.

The World's Fair theme will be part of a program formerly called "The Frenzy," which featured students playing fast-paced games. The activities remain the same, but the program's name has been changed to "The Pangea," which was the term used to describe the original land mass before the formation of continents. The students will be divided into small groups, or continents, and will play games that relate to their areas. Hayes-Harris said the program's format is patterned after the fair, when the sites were divided by continents.

To further promote the theme, cardboard placards will be placed on the front of nine University buildings that were leased to the Louisiana Purchase Exposition Co. for the fair. The placards detail the buildings' history and will be placed on Busch, Brookings, Cupples I and Cupples II, Eads, Lee (now Umrath Hall), Liggett (now Prince Hall), Ridgley, and Francis Gymnasium and Francis Field. In addition, the Office of Residential Life has incorporated facts and pictures from the fair into FACES, the office's annual directory of new students.

This year's orientation program includes a new event called "The Gathering." During "The Gathering," a panel of upperclass students will speak on topics ranging from making friends to time management. The event will be held in Graham Chapel.

During another new program, titled "Kaleidoscope 1904-1994," faculty will offer new students an exciting look at the changing world since the fair. Programs, both on- and off-campus, will cover a host of fascinating topics and will introduce

students to faculty in an informal learning environment.

For the first time, the Gallery of Art will host a parents reception during orientation. The Aug. 19 event at Steinberg Hall will feature "A Gallery of Modern Art," an exhibit of 19th- and 20th-century American and European paintings and sculptures. Gallery Director Joseph D. Ketner organized and curated the show, which runs from Aug. 15-Oct. 16.

To help transfer and international students who are searching for an apartment, the housing and transportation offices will provide a shuttle service through the nearby neighborhoods, such as Clayton, the Moorlands and the Delmar Loop areas, said Hayes-Harris. This will give students a glimpse of surrounding locations before they make a decision where to rent, she added. The shuttle will leave from Stix International House at 10 a.m. and will run for two hours Aug. 8-18.

Besides the new activities, the traditional orientation events also are scheduled, some with a new twist. Chancellor William H. Danforth will deliver his final bedtime stories. "St. Louis Live," usually an evening of food and music at Brookings Quadrangle, will include a student talent show and will be held in the Millbrook parking facility. Other events include a dean's meeting for students and a meeting for parents, a coffeehouse, sessions on computer technology, a barbecue and football game between first-year and upperclass students, and "Choices," a program featuring upperclass students performing vignettes about making the transition from high school to college.

Wayne Fields, Ph.D., professor of English and dean of University College, will deliver the faculty lecture at 3 p.m. Aug. 19 in Edison Theatre. His talk is titled "The River of Heart: The Mississippi and the American Culture." In addition, during an Aug. 20 session for parents titled "Letting Go," Karen Levin Coburn, associate dean of students for student development, and two upperclass students will give an inside look at what life is like for first-year students and their families. At the same session, Justin X. Carroll, dean of student affairs, will provide an overview of student services. Coburn also will deliver a session on handling transition for the parents of Washington's approximately 80 new transfer students.

"I've received full cooperation from the University," said Hayes-Harris about orientation planning. "People have really been responsive. New people are calling me all the time, asking 'How can I help?'" She said 94 student volunteers, along with approximately 15 student organizations and various staff members, are involved in the effort.

For more information, call Hayes-Harris at 935-6679.

—Carolyn Sanford

Auditions begin for 'Black Swan' premiere

Auditions are being held for actors and actresses between the ages of 45 and 55 to perform in the world premiere of "The Black Swan," a new play by Richard Selzer.

The play, which is part of Edison Theatre's "Stage Left" series, will be held Oct. 20-23 and 27-30. "Stage Left" presents more adventurous events in the intimacy of the Drama Studio, Room 208 Mallinckrodt Center.

This world premiere marks the first time Edison Theatre will produce a show. The theatre's primary mission is to present world renowned theatre, dance and music events to the general public.

The Black Swan, based on a Thomas Mann novella by the same name, is about a German widow in her mid-50s who falls in love with a young American. Under the influence of her extraordinary passion, she grows young and beautiful again. But, the

audience wonders, what is the cause of this magical transformation that has reversed the biological clock?

The roles being auditioned are for the widow, Rosalie von Tummler, and Johannes Hahn, Rosalie's doctor and friend.

Selzer, a surgeon who turned to writing at age 40, has received accolades for his essays and fiction. The New York Times Book Review wrote that Selzer "is one of our most persuasive writers of essays, fiction and autobiography springing from the practice of medicine." His two works of fiction, *Down From Troy: A Doctor Comes of Age* and *Raising the Dead*, have received critical acclaim. "The Black Swan" is his first play.

Those interested in auditioning should send a photograph and resume to Carrie Houk Casting, 6300 Northwood, Clayton, Mo., 63105. The submission deadline is Aug. 12. Phone calls are not accepted.



Festival hailed most successful in recent history

The on-site operations center of the 1994 U.S. Olympic Festival at Washington University was remarkably unimpressive. A card table and folding chair were sandwiched in a narrow space between rows of mailboxes in Wohl Center. There was no computer, no fax machine, not even a telephone to mark the spot as the hub of the activity that enveloped Washington University for the first 10 days in July.

The real operations center was a single person, Margaret Stroup, Washington University's official festival organizer, who was too busy to spend much time in her makeshift office. Housing, registration, food, entertainment, security, credentialing, parking, transportation and a myriad of other

issues and questions fell to her — the answers often found on scraps of paper in her fanny pack.

"I was so tired of my name by the end of the festival," Stroup said. "I was the only one with the big picture so I'd have 10 people

calling 'Margaret' at the same time. I never got a complete meal. As soon as I would sit down my beeper would go off or my portable phone would ring. You're tired, you get a little ragged around the edges, but it's amazing how much your body can do on adrenaline and three hours sleep a night."

Now in her temporary off-site office in Simon Hall, a few abandoned hockey sticks propped in the corner and thank-you notes taped to the walls are the sole indicators of the earlier hoopla. Almost a month after the festival, she can look back and laugh at the only notable logistical glitch, which became known as the "Great Towel Crisis."

In the course of the festival, mention of an alleged towel shortage was the only negative press generated from the village. Ironically, the temporary towel shortage was born out of generosity. Fieldcrest-Cannon donated 7,000 towels for the athletes to use while in the village and, as an extra measure of kindness, emblazoned each with the colorful Olympic Festival logo.

"As soon as I opened the box I said, 'Oh no,'" recalled Stroup, a veteran planner on loan from Monsanto Corp. "Within a few days the towels had disappeared into the athletes' suitcases. Athletes were using the

small towels we had intended for the practice sites. But the community pitched in and we bought more plain white towels. Volunteers stayed up past midnight pumping quarters into washing machines, and a crisis was averted."

This is just one of hundreds of examples of the behind-the-scenes work that made this Olympic Festival the most successful

in recent history. Washington University's athletic venues, parking, transportation, security and media center, as well as the Athletes' Village, all were hailed by members of the U.S. Olympic Committee as well-run and efficient.

This logistical coup is due largely to a team of Washington University employees who, like Stroup, have been planning the

festival for months and met early every morning during the event to solve any problems and anticipate any looming crises. Phil Godfrey, associate athletic director and liaison between the University and the local festival organizing committee, Bill Taylor, Hilltop Campus police chief, Gary Sparks, director of transportation, Lea Ann Ruhlman, food service director for Marriott Corp., and Jamesetta "Tootie" Williams, director of conference and guest housing, are some of the core team who are quick to share the credit with other University personnel and 1,200 volunteers.

The Athletes' Village posed the most logistical problems (*see related story*). But the core of the festival — athletic competition — also required months of planning at Washington University. Volleyball, team handball and judo competitions were held in the Athletic Complex. The University also accommodated practices for baseball, water polo, synchronized swimming, competitive swimming, weightlifting, wrestling, soccer and track and field. The combination of overlapping practices and competitions, security issues, large crowds, maintenance concerns and sold-out events created a challenge of Olympic proportion.

"And I don't know how many impromptu practice and training sessions took place in and around our facilities," Godfrey said. One evening, for example, University staff waited to close the athletic facilities until members of a women's hearing-impaired basketball team finished an unscheduled work-out.

Godfrey said he had very high expectations for the festival and was not disappointed. All competitive events at Washington University drew large crowds. Volleyball competitions were sold out and standing room only crowds flocked to the Recreational Gymnasium to watch judo and the surprise hit of the festival — team handball.

"There were two main things the public saw here: the Athletes' Village and the volleyball competitions. So many things happened around here that people had no clue about," Godfrey said. "Everyone has heard how good the meals were a thousand times. What about the cleanliness? I've heard at least a dozen comments that ours was the cleanest facility the athletes had ever seen. How about the people who stayed up all night July 4th to transform the volleyball facility from a practice to competitive site? Or the people

Continued on back page



The 1994 Olympic Festival torch visits the site of the 1904 World Games.

South Forty serves as home for 3,000 Olympic athletes

For 10 days in July, it appeared that fall had arrived early at Washington University. Hundreds of young people milled around the Wohl Center, played Frisbee in The Swamp and listened to bands in JKL Plaza.

But a closer look revealed that this was not a typical school week. These young people carried water bottles instead of books, gym bags instead of backpacks. The gymnasium was full, but the classrooms and libraries were empty. People in the cafeteria line were more interested in "carbing up" on pasta than loading up on french fries.

From July 1-10, the South Forty became the U.S. Olympic Festival's Athletes' Village. More than 3,000 promising young athletes — most between the ages of 13 and 19 — were housed, fed and entertained at the village, which comprised 15 Washington University residence halls and buildings, four buildings in the Millbrook Apartments, a fraternity house and three buildings at Fontbonne College.

"This was the first Olympic Village since 1989 where the athletes were all housed in the same place and this one blew the others away — the convenience, the togetherness, the transportation, just the whole group-thing feeling," said Nicholas Wolaver, a logistics coordinator for the festival's local organizing committee. "The dorm rooms seemed to be working out, the athletes all had a good time. The only thing I heard was that the air conditioning was too cold, which was not too terrible a problem considering how hot it was."

In recent decades, festival athletes have been scattered throughout the host cities. Last year, athletes participating in the Olympic Festival in San Antonio were housed in four separate "villages." Next year, the athletes will be split among three sites in Colorado.

On a scale of one to 10, festival organizer Margaret Stroup, the village director, said the Athletes' Village ranked a 14.

"I've received so many compliments, mostly from people who have attended 10, 11, 13 festivals who said this village was far and away the best place the athletes have stayed in," Stroup said.

From the moment the athletes arrived, volunteers carried their luggage, led them to their rooms and pointed them in the direction of food and entertainment.

Before the athletes' arrival, some 1,200 volunteers assembled and made beds, decorated the residence halls and packed gifts for the athletes. Throughout the athletes' stay, they were on hand with directions, transportation, blankets, towels and good wishes.

"The volunteers are wonderful. They're going out of their way to take care of us," said Edie Boyer, a track and field competitor from Minneapolis, Minn.

The community pitched in as well. The U.S. Department of Defense donated about 800 beds from Scott Air Force Base in Belleville, Ill., and Fort Leonard Wood, outside of Rolla, Mo. After the festival, the beds were donated to area charities, including the Salvation Army, Catholic Charities

and Camp Wyman. In addition, Fieldcrest-Cannon donated 7,000 towels and the Angelica and Todd laundry companies in St. Louis donated their services.

Local companies donated food for the hospitality suites set up in the residence halls. Oranges, grapefruit, watermelon and more were brought in by the truckload. Edy's Ice Cream Co. held two ice cream socials and, according to Stroup, "gave away two truckloads of ice cream bars."

University hosts triple-header at festival

The usual blur of red and green gave way to flashes of red, green, blue and black as the Washington University Athletic Complex housed three of the 37 sports contested at the 1994 U.S. Olympic Festival.

Team handball kicked off the festivities on July 2. With standing room only crowds of more than 1,200 bulging the seams of the Washington University Recreational Gymnasium for four days and nights, a total of six Olympians and 31 players with National Team experience did battle. On the men's side, the East defeated the South 21-17 to claim the gold. The West toppled the North 19-14 for the bronze. The East also won the women's event, beating the West 23-20, while the North topped the South 28-21.

Volleyball commanded center stage in the Washington University Field House from July 5-9. With sell-outs at four of the

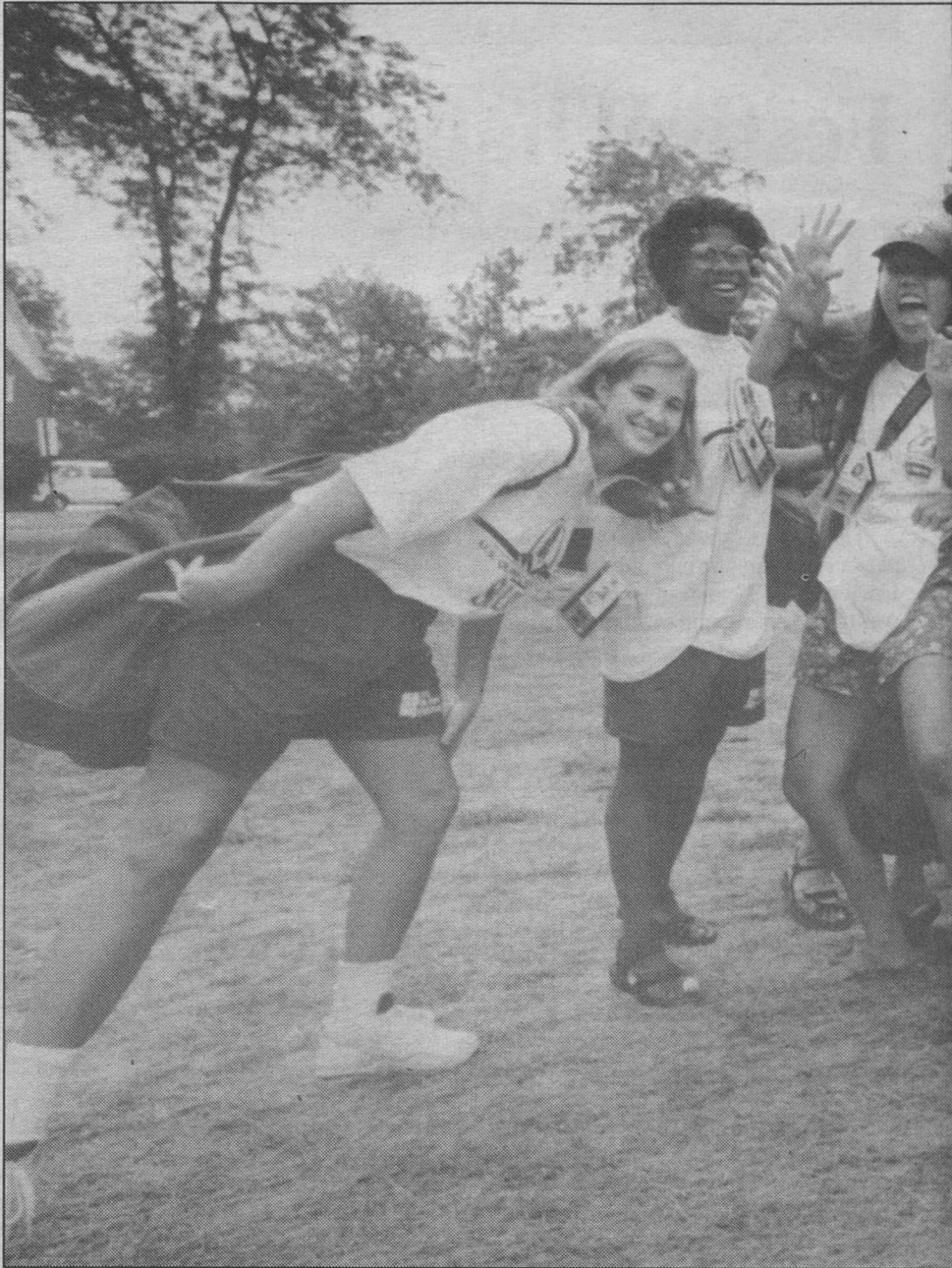
eight sessions, crowds as high as 3,400 gathered to see local favorites, such as Washington head volleyball coach Teri Clemens, senior Amy Albers and St. Louis standout Kristin Folkl. In the end, Albers' East team won the women's gold by beating the West 3-games-to-0. Clemens and Folkl joined forces to lead the North to the bronze with a 3-2 win over the South. On the men's side, the gold went to the North, who were 3-1 victors over the East, while the South took the bronze with a 3-0 white-wash of the West.

Record crowds also were the legacy of the judo competition, held July 9-10 in the Recreational Gym. The 1,225 who packed in on Saturday saw Hillary Wolf — who plays MacCauley Culkin's sister in the "Home Alone" movies — win the gold medal in the 48-kilogram weight class.

— David Moessner



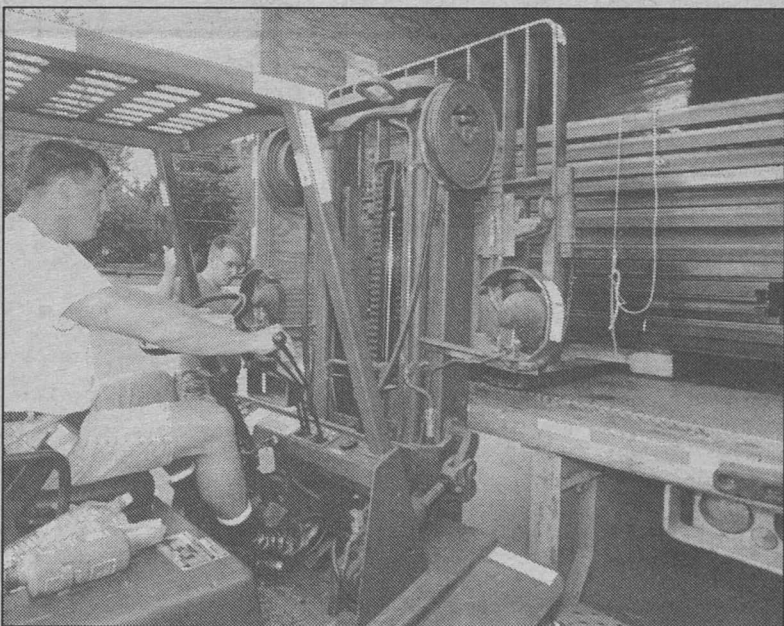
Laclede Gas Co. employee Joe Kirkpatrick lights the Olympic Festival torch.



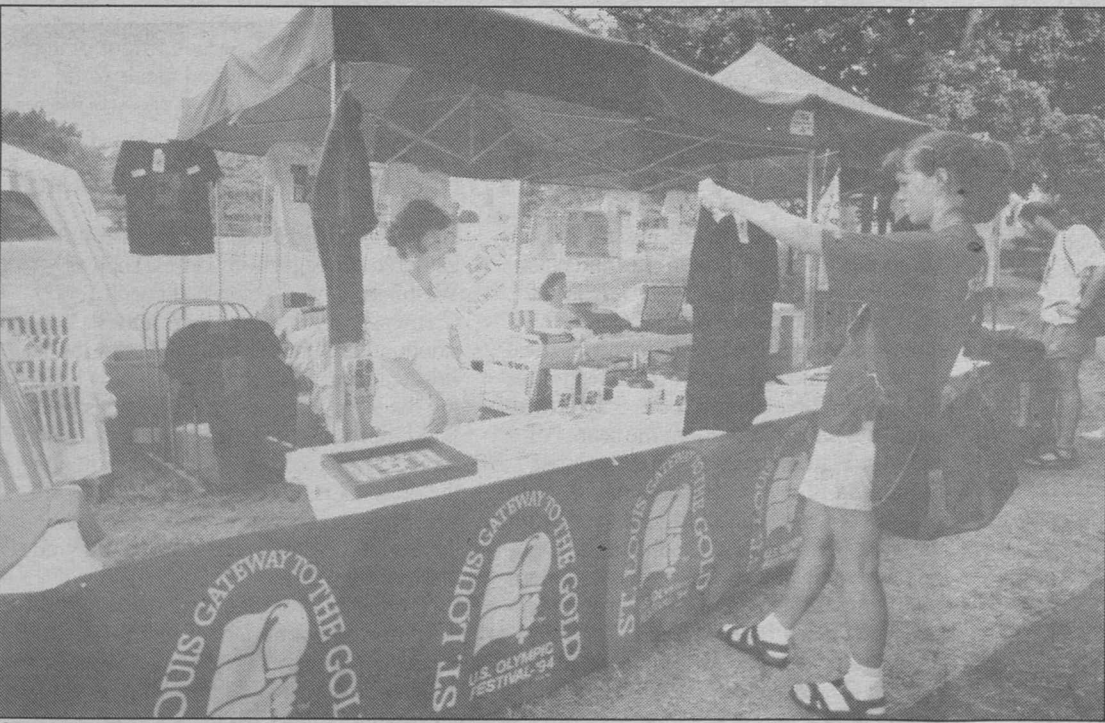
Tae Kwon Do athletes mug for the camera after their first day of competition.



An Olympic Festival volunteer directs athletes from the bus to Wohl Center where registration will take place.



Technical Sergeant Dave Rononmos uses a forklift to unload some 800 beds donated for the athletes by the U.S. Department of Defense. The beds were from Scott Air Force Base in Belleville, Ill., and Fort Leonard Wood near Rolla, Mo.



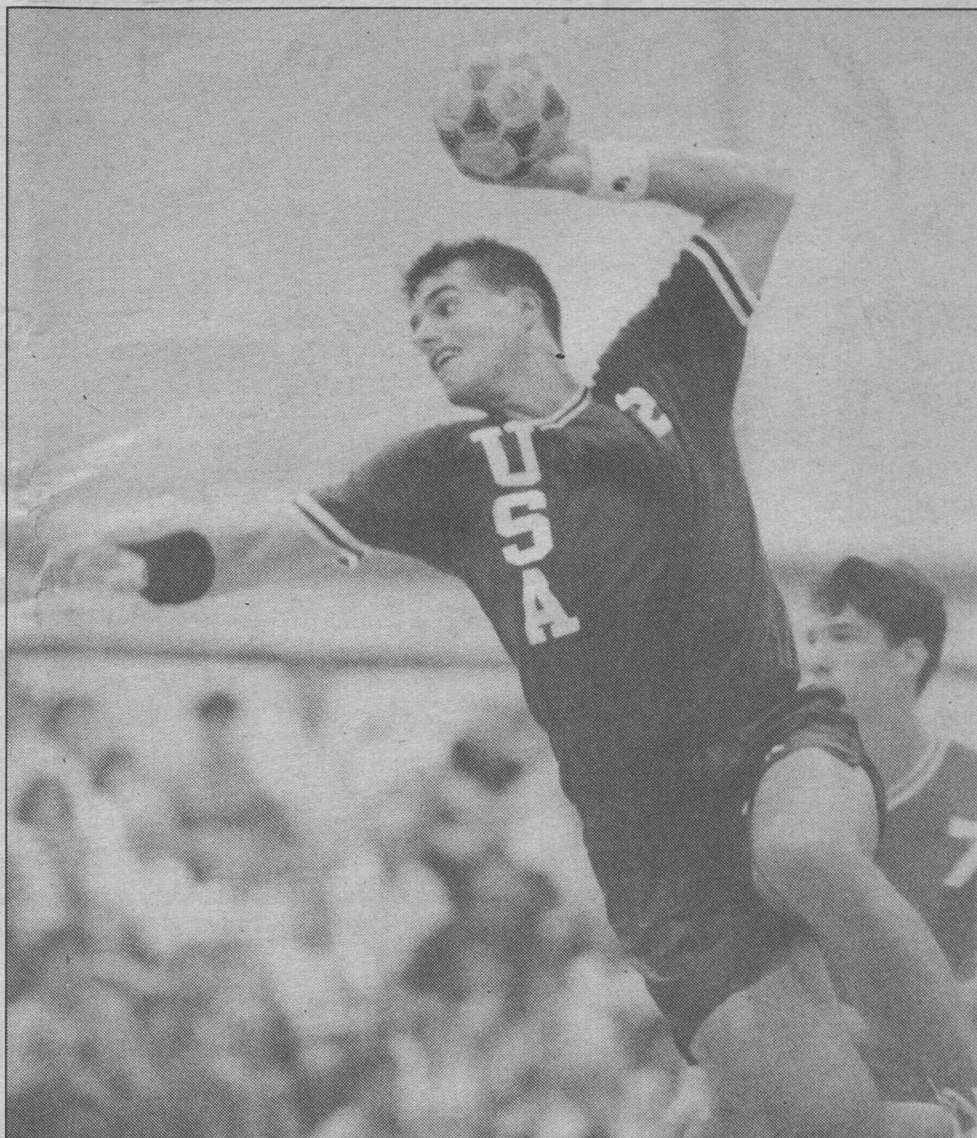
An athlete checks out Olympic Festival T-shirts at a souvenir stand in the South Forty.



Athletes gathered for pick-up games on the volleyball and basketball courts set up on the South Forty.

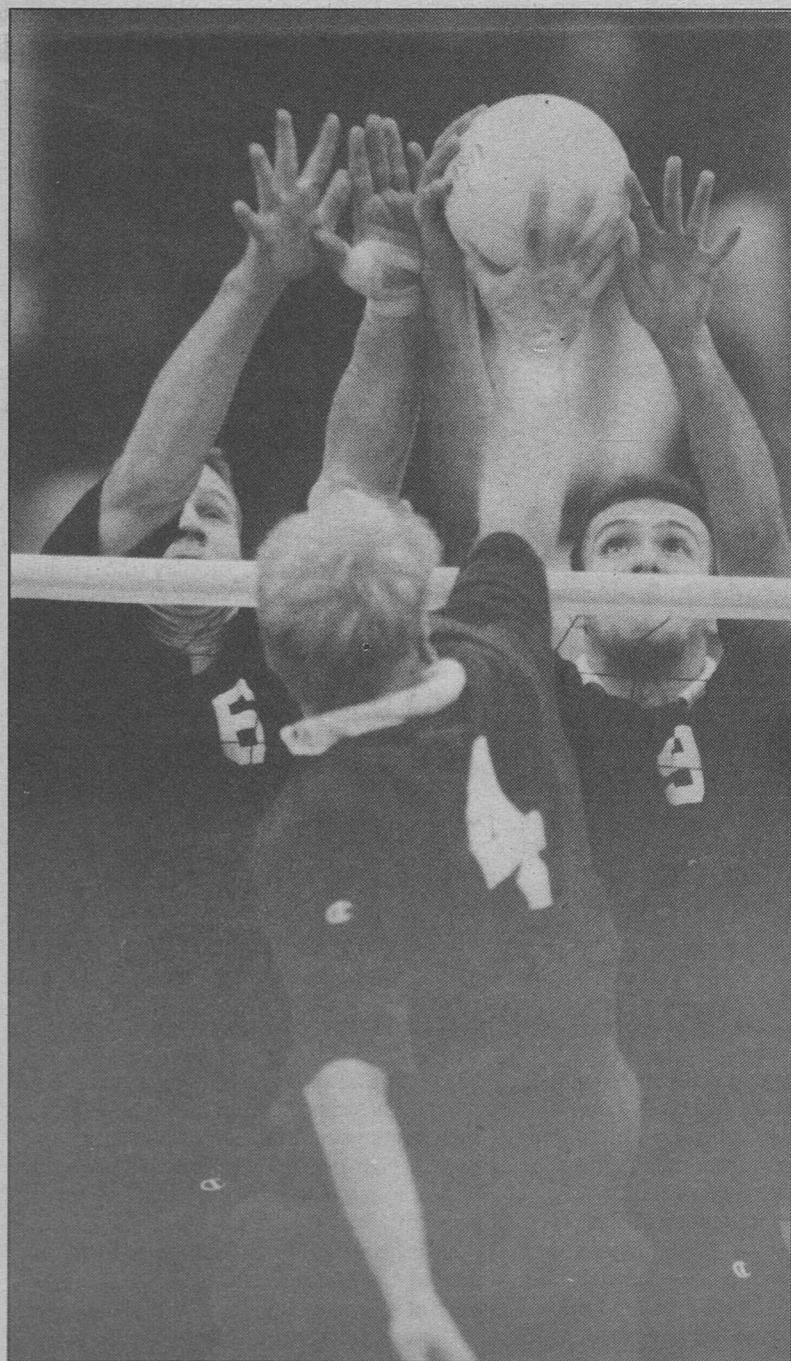


DAVID KILPER



JOE ANGELES

Michael Thornberry (#2) of the Men's Team Handball South squad takes a shot on goal. Team handball — the surprise hit of the festival — drew standing room only crowds to Washington University's Recreational Gymnasium for four days and nights.



JOE ANGELES

Russell Brock (#4) of the Men's Volleyball West team spikes the ball as Jason McEntee (#6) and Neil Mendel (#9) of the North team attempt to block. In the end the gold medal went to the North.



JOE ANGELES

Volunteers Teresa Plumley (left), 13, and Tiffany Hill, 12, wipe the floor during a break in the volleyball match between the Men's North and West teams.



Margaret Stroup, Washington University's official festival organizer, is interviewed by KMOV Channel 4 reporter Marc Cox. Some 1,200 members of the news media were in St. Louis covering the event.



Washington University head volleyball coach Teri Clemens and Bears senior standout Amy Albers enjoy a little friendly rivalry during a KMOX Olympic Festival broadcast. Albers, a member of the Women's East team, competed against Clemens, who commanded the North bench.

Labor of love

Volunteers put athletes first

Washington University volunteers earned a gold medal in schlepping during the 1994 U.S. Olympic Festival.

The 400 University volunteers showed strength, determination and versatility, toughing it out through high humidity and 90-degree temperatures to weightlift athletes' luggage, jump hurdles to find more blankets, make beds, do laundry and answer questions.

For many it was a labor of love. Pam Adkins, warehouse driver at Central Stores, worked as a meeter-greeter, ushered at the Athletic Complex, assembled and moved beds, collected blankets and helped with the sound equipment for synchronized swimming. She said, "It's been so much fun, it's a once-in-a-lifetime thing. I love helping people. The athletes seemed very pleased about how they're treated, but that's what we're here for. They come first."

The volunteers' stamina and positive attitude won Margaret Stroup's heart.

"It's fine to volunteer and get your (free volunteer) T-shirt," said Stroup, who organized the Athletes' Village, "but to get through the heat of the day — and a lot of the day was heavy logistical work, carrying things around — and to come back the next day and the next day and the next, that is the Olympic spirit."

"I have a funny picture in my mind of one older volunteer, a tiny woman, carrying the bags of this big male athlete, who followed her looking a little embarrassed," said Jamesetta "Tootie" Williams, director of conference and guest housing at the University. "But the athletes really appreciated the extra care and attention."

The volunteers made sure the athletes felt welcome the minute they arrived in St. Louis. There were volunteers at the airport greeting athletes, who were escorted onto buses that took them to the South Forty. Upon arrival, the athletes' luggage was scooped up by volunteers, who then escorted the athletes through the registration and credentialing procedure and to their dorm rooms. There was one volunteer for every arriving athlete.

With their jazzy Olympic Festival T-shirts, the volunteers were easy to pick out. Pat Steinmeyer stood out among all the other volunteers. Administrative assistant in the Department of Facilities Planning and Management for the last four years, Steinmeyer wore almost 100 buttons from all over the country and every sport. Anticipating that button trading would be hot, she had purchased 100 St. Louis area pins and then traded them to athletes for their pins.

Steinmeyer used some vacation time to volunteer, working 20 hours a day throughout the festival.

"I'm going to crash Tuesday (the day the festival ended). I was up till 2 a.m. last night and woke up at 6 a.m., but I've had a ball," she said.

"The volunteers have a real sense of pride in St. Louis," Steinmeyer said of her experience. "It made me really proud of the city. There also was a real bonding with other Washington University staff members who volunteered. We were like a big family. This has been so much fun, I've already volunteered for Colorado (site of next year's scheduled U.S. Olympic Festival). Wait till my boss hears about that!" she exclaimed.

Volleyball 'Civil War' produces a pair of winners

It was billed as the Civil War of St. Louis volleyball. But in the end, both sides were winners.

Player battled coach on July 7 at the Washington University Field House. It was the third day of round-robin play at the U.S. Olympic Festival and Washington University mentor Teri Clemens commanded the North bench, while Bear senior standout Amy Albers peered through the net over on the East side.

Clemens' side won the battle, taking a 16-14, 12-15, 16-14, 15-7 decision, but Albers' contingent won the war as they went on to secure the festival's gold medal the next night. Clemens, too, was able to mine precious metal, eventually leading her squad to the bronze.

While the drama of the Albers-Clemens match was reduced by the fact that the medal-round pairings already had been determined, it was still an emotional experience for both principals. A brief, chance

meeting just an hour before the match gave both an opportunity to rein in those feelings.

"Coach Clemens definitely settled me down right beforehand," said Albers, who had seen limited court time in the previous two matches. "I felt some apprehension and some awkwardness, but she told me, 'You're going to get a chance to play — just show them what you can do.'"

Albers responded with her best match of the festival. Earning a starting berth, she notched six kills for a solid .294 hitting percentage and added a match-high 16 digs, four blocks and one service ace.

"Going into the match I didn't really think that I'd notice Amy on the court," said Clemens. "Generally, I get so involved with tactical adjustments and decisions that the six players become almost faceless."

"But I noticed everything Amy did. Every hit, every pass, every serve, every block. I was extremely proud of the way

she represented herself, Division III volleyball and Washington University throughout the course of the festival."

Albers, the first player from the Division III ranks to be invited to a festival, took more than just a gold medal away from the experience.

"Winning the gold was a great feeling — just behind winning two national championships here," she said. "The level of competition was thrilling, but it was also humbling to compete against the best of the best. It made me realize that I still have more to learn."

So now Clemens and Albers trade in their festival colors of black and blue for the more familiar red and green.

"Maybe my highlight of the festival came right after our head-to-head match," said Clemens. "Amy walked over and the first thing she said was 'I can't wait to play for you and Washington University again.'"

— David Moessner

Competitive events at University drew large crowds — from cover

who worked all night July 9th and 10th to prepare the facilities to accommodate the 250 basketball campers who arrived at 9 a.m. Monday? There was so much happening behind the scenes to no fanfare and that's really what made this such a success."

The parking staff was more visible than most. Posted at every entrance to the campus, employees directed visiting traffic into the Millbrook parking garage and checked employees' credentials before granting access to parking lots.

"The day it was 105 degrees, it was 180 on the asphalt," Sparks said. "The day it poured rain, we drowned. But overall, I think the parking went very smoothly."

Volunteers were asked to park in the West Campus lot and were shuttled to the Hilltop Campus. A shuttle service also ran from the parking lot of the First Congregational Church at 6501 Wydown Blvd. to transport volunteers and athletes from Washington University to the other venues scattered around the St. Louis metropolitan area.

Some visitors complained about the \$5 charge for visitor parking during the festival. The parking revenue helped offset the University's maintenance and other costs incurred during the 10-day event.

Security issues also posed logistical problems. The village was surrounded by an orange storm fence and uniformed officers guarded the entrances, checking people for proper credentials before granting access. The Clayton Police Department was assisted by the Hilltop Campus Police Department as well as 40 state troopers who lived in the village, surrounding municipal police departments and volunteer security personnel.

"Everything went very smoothly. I'd say the only problem was athletes in a rush jumping over the fence to get someplace rather than walking to the gate," Taylor said.

Media, volunteers and staff were issued their respective orange, green and red photo credentials in late June. Athletes and coaches received blue credentials upon their arrival. Volunteers and staff set up in Ike's Place in the Wohl Center snapped the photographs, entered information on a computer and presented the athletes with laminated credentials in minutes. Despite the onslaught of athletes, particularly in the middle of the festival, the line for credentials never exceeded 21 minutes, Stroup said.

'Village far and away the best place athletes have stayed in' — from cover

6 a.m. to 8 p.m. and sandwiches and snacks were available until midnight.

Security was tight at the Athletes' Village, as evidenced by the orange storm fence that enclosed the South Forty and uniformed police officers stationed throughout. Only people with the proper photo credentials were granted access to the village — blue for athletes and coaches, green for volunteers and red for staff. The orange-credentialed media were allowed in the village only if escorted by a staff member. Even then, the reporters were not allowed in the residence halls or dining hall. The athletes seemed to appreciate the precautions, taken in the wake of past attacks on figure skater Nancy Kerrigan and tennis player Monica Seles.

"We're having a fabulous time. The

people here are exceptionally nice and the security is great so we feel really comfortable," said Colleene Collegly, a weightlifter from Atlanta. "We're from the South so we're friendly with everyone. At first, I think people were nervous about their competitions and it was pretty intense but everyone's lightened up and is having fun."

It wasn't hard to find fun around the village. Bands ranging from alternative rock to reggae to bluegrass to bagpipers played in the JKL Plaza every afternoon and evening. The entertainment also included ice cream socials and karaoke contests.

"We wanted the athletes to have fun and feel at home here; we wanted them to remember the village as a highlight of this festival," Stroup said. "The athletes were really impressed with Washington Univer-

sity, with St. Louis and with the festival as a whole. I heard people say they had never seen a more beautiful campus or nicer dorms. They'd say, 'I wonder what it would be like to come to school here,' all with a sense of awe."

Most athletes took advantage of their free time to tour St. Louis and attend competitions at venues around the metropolitan area.

"I rode the Metrolink and went up in the Arch. I don't think I'll do that again, but St. Louis is cool," said Stacey Ketchum, a weightlifter from Austin, Texas.

The village also provided an opportunity for athletes from different sports to get together and make new friends, some of whom they hope to see again at the 1996 Olympic Games in Atlanta.

— Susannah Webb

Ketner continues collecting tradition

Joseph D. Ketner has continued the University tradition of collecting art of the time. Under his direction the gallery initiated an ambitious acquisition program that again enables the gallery to collect contemporary art.

The University museum experienced a collecting lull in the 1970s and Ketner's program was designed to bring the collection forward to the present.

"These acquisitions have introduced the art of the 1960s, 1970s and 1980s to the University collection, including conceptual art and post-modern works that deal with social, ecological, ethnic and gender issues," said Ketner, who has been affiliated with the gallery since 1982, and has been director since 1989.

Ketner is proud of several acquisitions, including Romare Bearden's 1969 collage



"Black Venus," Joseph Beuys' 1972 silkscreen "We Are the Revolution" and Arakawa's 1984 painting "Beneath Untitled." Other recent purchases include Barbara Kruger's 1990

screen painting titled "Don't Tempt, Don't Tread on Me," which the gallery bought in 1991, and Tim Rollins' 1993 painting "The Scarlet Letter," which was purchased the year it was completed.

Ketner purposely did not include these acquisitions in the current exhibit. "To avoid the self-indulgence of preserving in print the current administration's acquisitions, I leave these art works for posterity to judge," he writes in the introduction to the exhibit catalog.

Ketner also filled a gap in the collection when he purchased the Thomas Cole 1832 work "Aqueduct Near Rome" in 1987. Cole is considered the founder of American landscape painting and this is his only painting in the collection. "Aqueduct Near Rome" is the only work in the catalog that was purchased under Ketner's directorship.

In addition to acquiring important works of contemporary art, Ketner has mounted numerous successful exhibitions and overseen award-winning publications. In 1990, for example, Ketner conceived and organized a major exhibit titled "Carl F. Wimar: Chronicler of the Missouri River Frontier." The exhibit, mounted in conjunction with the renowned Amon Carter Museum in Fort Worth, Texas, received national attention.

Other important exhibits Ketner has curated or co-curated include the 1984 Jean Dubuffet retrospective, "The Columbus of the Woods: Daniel Boone and the Myth of Manifest Destiny," and "Bruce Nauman: Light Works."

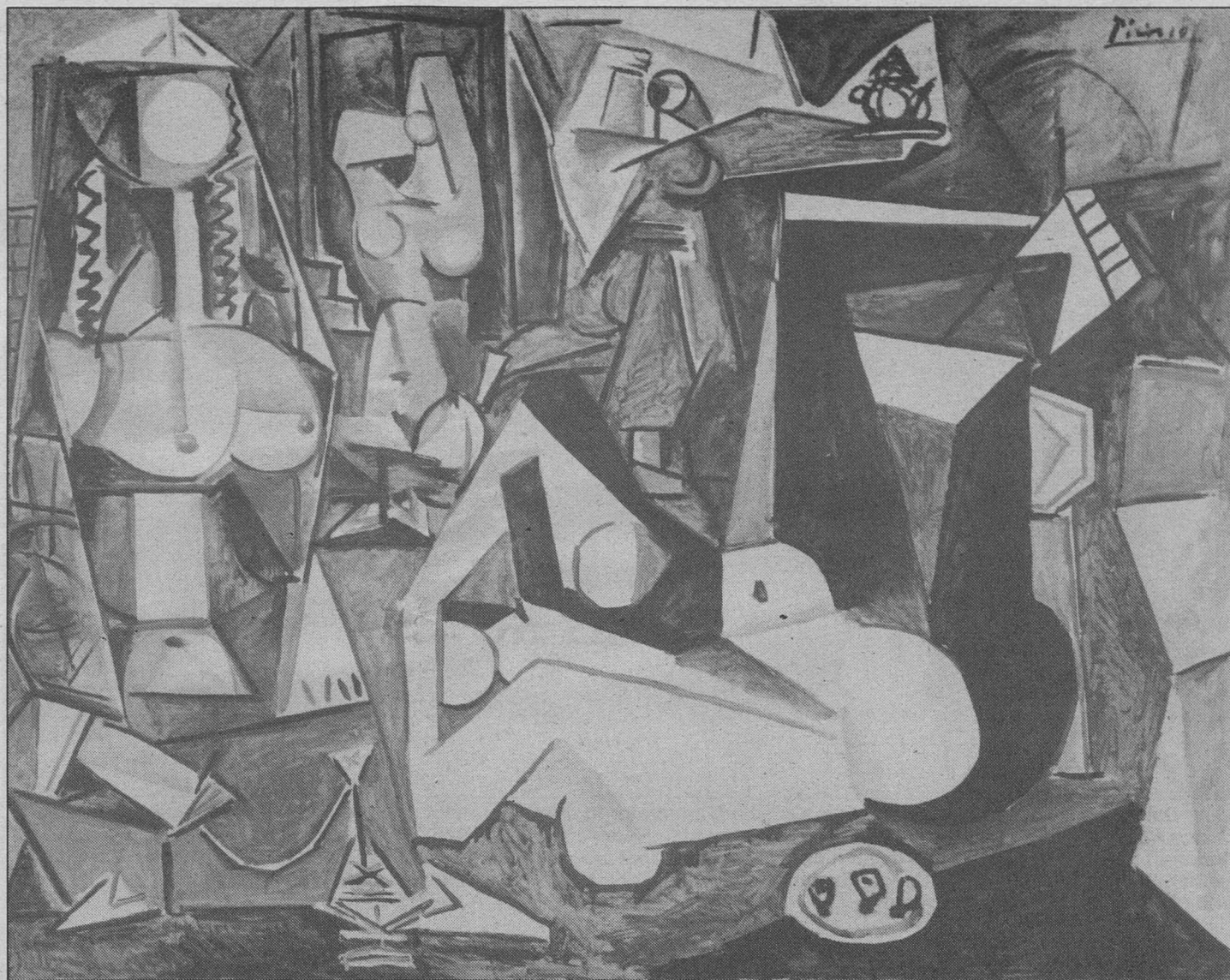
The exhibition catalog for "Columbus of the Woods: Daniel Boone and the Myth of Manifest Destiny" was nominated twice for the prestigious Charles C. Eldredge Prize for Scholarship in American Art from the Smithsonian Institute's National Museum of American Art. The catalog also was nominated for the George Wittenborn Memorial Book Prize presented by the College Art Association.

Ketner also has written an award-winning book on Robert S. Duncanson, the first African-American to succeed in the mainstream art world. The book was selected by Choice as an Outstanding Academic Book for 1994. Choice is one of the review publications most used by libraries to acquire new books.

Duncanson also will be the focus of an exhibit curated by Ketner. That exhibit is scheduled to travel to the Studio Museum in Harlem and to Atlanta, where it will be an official exhibit of the 1996 Olympic Games.

During his tenure, Ketner has developed a partnership with St. Louis Printmarket. The 10-year-old Printmarket, founded by alumna Ceci Lowenhaupt, draws dealers in a wide variety of prints to show and sell their wares to the general public. Admission proceeds benefit the gallery and provide support for Ketner's acquisition program.

—Debby Aronson



Pablo Picasso's oil on canvas titled "Les Femmes D'Alger (Women of Algiers), Variation 'N'" is part of the University's permanent collection.

University collection among the country's best — from page 1

"Beginning with its founders, Washington University's administrators, directors and curators have demonstrated a commitment to acquiring contemporary art, displaying a remarkable prescience that has resulted in an excellent art collection," said Ketner.

The collection is considered by art scholars to be among the best university collections in the country.

"Washington University has one of the most outstanding art collections in university hands," said Robert Buck, former director of the gallery and now director of The Brooklyn Museum. "Willem de Kooning's work 'Saturday Night,' for example, is absolute magic and is one of my all-time favorites."

Founded in 1881 as the St. Louis School and Museum of Fine Art, the Washington University Gallery of Art is the oldest art museum west of the Mississippi River. Even prior to 1881 some of the University's founders, such as Wayman Crow and William Greenleaf Eliot, had collected works of art. When they had enough to make a gallery, they established the St. Louis School and Museum of Fine Art. As part of its mission, the gallery always has strived to collect art of its time, in order to further the University's educational mission.

The dynamic, young founding director, Halsey C. Ives, dedicated himself to acquiring modern art for the museum, spending summers touring the galleries and salons of Europe, purchasing art and becoming familiar with the artistic milieu in Paris and London. Because of his prominence, Ives also was selected to chair the art department for the Chicago World's Colombian Exposition of 1893 and again in the St. Louis World's Fair in 1904.

Following the highly successful 1904 fair, the University gallery moved into the Palace of Fine Arts, now the home of the Saint Louis Art Museum. The museum was tremendously popular with the general public and in 1907 it became the first municipally supported art museum in the United States.

However, because Washington University was a private organization, it could not administer public funds. Thus, the St. Louis Museum of Fine Arts dissolved as a University department and became the City Art Museum, now known as the Saint Louis Art Museum. The University agreed to lend its collections to the city and the two institutions co-existed for more than 50 years in a cooperative relationship.

As the City Art Museum's collections grew, the University collections gradually went into storage, making them inaccessible

to faculty and students. Horst W. Janson, who taught at the University in the 1940s and became gallery director, inventoried the collection, deaccessioned approximately 750 objects and sold the art at an auction in 1945.

Janson, who is best known as author of *The History of Art*, a widely used art history textbook, then assembled a collection of 38 paintings, sculpture, prints and drawings that represented his vision of 20th-century art. These paintings introduced outstanding works of Cubism, German Expressionism and Surrealism to St. Louis.

Janson's successor, Frederick Hartt, continued this pattern by acquiring works of the radical new Abstract Expressionists, such as de Kooning, Pollock and Arshile Gorky — artists looked upon at the time

by art critics with some skepticism. Hartt's efforts resulted in one of the finest university collections of Abstract Expressionist art in the United States.

"A Gallery of Modern Art" will focus on one of the gallery's strengths — 19th- and 20th-century European and American paintings and sculpture. Other strengths include the John Max Wulff Numismatics collection, Egyptian and Roman antiquities, and prints. The gallery's total permanent collection numbers approximately 7,000 works of art.

In 1960 the collection was moved to its current home, the Gallery of Art in Steinberg Hall.

The gallery is open 10 a.m.-5 p.m. weekdays and 1-5 p.m. weekends. For more information, call 935-4523.

—Debby Aronson



Max Beckmann's "Four Men Around a Table" (1943) is another featured work.



Mary Dale-Bannister, center, planetary data base administrator in the Department of Earth and Planetary Sciences, assists Space Academy students with an acid/base experiment in Room 103 Wilson Hall. Washington University donated space and staff time to the Space Academy, an ongoing educational program of the Gifted Resource Council in St. Louis. Altogether, 350 students attended Space Academy from July 18-29; many of them toured and studied the resources of the earth and planetary sciences department.

Department lends lab, resources to Space Academy

Scores of St. Louis area junior high students met daily from July 18-29 in Room 103 Wilson Hall, Department of Earth and Planetary Sciences, to learn space science in a real science laboratory.

The room was made available to the Gifted Resource Council's Space Academy from the NASA-sponsored Missouri Space Grant Consortium, a group of Missouri universities that includes Washington University. The Missouri Space Grant Consortium also provided a scholarship for Lindsay Sims from St. Louis, who will enter Oakville High School this fall.

Two weeks prior to Space Academy, 10 African-American students from St. Louis area junior high schools met daily in the Wilson laboratory to enhance science and mathematics skills related to space science. The students were selected as McDonnell-Douglas Scholars, and they were among a group of students who later flew to the NASA Challenger Center in Kansas City, Mo., as part of the Gifted Resource Council's Space Academy curriculum.

Earth and Planetary Sciences staff members assisted lead teacher Jonathan

Heerboth, aerospace teacher at East St. Louis High School; as the Space Academy students learned about the planets, rocket designs, space travel, moon rocks, meteorites, satellites and pollution studies from space, among other related topics.

Students toured the NASA Remote Sensing Laboratory and the NASA Regional Planetary Imaging Facility (RPIF) on McDonnell Hall's fourth floor. There, they learned about the planets from multimedia compact discs they were able to access hands-on. Students handled and examined moon rocks and meteorites that were shipped directly from NASA's Johnson Space Center in Houston.

"This was a wonderful experience that is a great extension of our program," said Mary Dale-Bannister, RPIF data base administrator. Dale-Bannister worked closely with Heerboth and the students, and about 100 other students enrolled in space academy at other sites. "It's great to see so many young people excited about space science."

"It's been nice to have the students in a setting where real science is going on," said Heerboth, who has taught in the program for six years. "Everyone at Washington University has been very coopera-

tive and helpful in the success of the Space Academy."

Raymond E. Arvidson, Ph.D., professor and chair of the earth and planetary sciences department, is director of both NASA facilities, which are vital resources for space and planetary scientists worldwide. Dale-Bannister acquired the lunar and meteorite samples for the students' examination and provided access to NASA data sets. Larry Haskin, Ph.D., professor of earth and planetary sciences and one of the first scientists to examine moon rocks, assisted in acquiring the lunar and meteorite samples from Johnson Space Center. Richard Heuermann, administrative officer, Dee Becker, administrative assistant, and Tom Stein, computer systems programmer and analyst, all from the Department of Earth and Planetary Sciences, also contributed to the Space Academy.

The Gifted Resource Council, a not-for-profit educational agency that serves bright and talented young people, is located at 1225 Eddie and Park Road in St. Louis. Forsyth School at 6235 Wydown Blvd. served as the base institution for the 350 students who participated. Altogether, 12 area teachers taught the curriculum.

— Tony Fitzpatrick

Professor named finalist for Discover Awards

Ronald S. Indeck, Ph.D., associate professor of electrical engineering, is a finalist for the 1994 Discover Awards for Technological Innovation. The Discover Awards, established five years ago by the popular science magazine Discover, are given as a tribute to scientists and engineers making innovative breakthroughs in their disciplines.

Indeck is among 35 scientists worldwide who are being honored for their achievements and considered for top honors in seven technological categories: automotive and transportation; aviation and aerospace; computer hardware and electronics; computer software; environment; sight; and sound. The finalists will be recognized Aug. 20 at a prestigious awards gala at Epcot '94, the Walt Disney World Resort in Florida. There, the top winner in each of the seven categories will be announced. Information on each finalist will be exhibited at Innoventions, a new attraction that opened in June at Epcot.

The awards ceremony will be taped, and the program will air at 7 p.m. CST Aug. 25 on the Disney Channel. The Discover Awards for Technological Innovation will be shown free to cable subscribers during that week, the Disney Channel's preview week. Also, Indeck and all the finalists will be featured in a special October 1994 awards issue of Discover magazine, one of the most popular science magazines in the world, with a readership of five million each month.

Indeck, a specialist in magnetic information systems and storage, is being honored for his invention of a technique that identifies "fingerprints" of objects that carry magnetically recorded data. Indeck and his Washington University colleague, Marcel Muller, Ph.D., professor of electrical engineering, recognized that each magnetic strip on cash cards, credit cards and other magnetic information systems has a unique pattern of countless microscopic particles. This pattern cannot be changed or duplicated, and thus serves as a sort of magnetic "fingerprint."

With a minor, inexpensive change in the electronics of card-readers, the account number and magnetic fingerprint of every card made can be checked accurately, eliminating much of the \$1 billion credit card fraud in the United States each year. The discovery and invention has implications throughout society and will change the way people do business in the information age.

The technique is patented and will be marketed by independent companies.

The 35 finalists for the Discover Awards were chosen from 4,000 distinguished scientists and engineers and judged by panels of five renowned experts in each of the seven categories.

Campus Watch

The following incidents were reported to the Hilltop Campus Police Department during the month of July. Readers with information that could assist the investigation of these incidents are urged to call 935-5555. This list is provided as a public service to promote campus safety.

July 9

5:24 p.m. - A television belonging to the U.S. Olympic Committee was reported stolen from Millbrook Apartments sometime between 9 p.m. July 7 and 8 a.m. July 9.

July 11

10:35 a.m. - Two couches were reported stolen from the hallway across from Room 118 in the Women's Building sometime between 5 p.m. July 8 and 8:30 a.m. July 11.

July 12

11:34 p.m. - Three telephones belonging to Student Life were reported stolen from rooms 40 and 42 in the Women's Building sometime between 11 p.m. July 11 and 8:30 a.m. July 12.

July 14

2:58 p.m. - Cash belonging to Marriott Food Services was reported stolen from a locked safe in the Bear Mart store in Wohl Center sometime between 11:30 a.m. and 2:30 p.m.

July 15

9:29 a.m. - Two speakers belonging to the Department of Facilities Planning and Management were reported stolen from Graham Chapel sometime between noon July 10 and 9 a.m. July 14.

July 19

8:22 a.m. - Three telephones belonging to Student Life were reported stolen from rooms 40 and 42 in the Women's Building sometime between 6:30 p.m. July 18 and 8 a.m. July 19.

July 20

8:55 a.m. - Two speakers belonging to the Office of Student Affairs were reported stolen from Graham Chapel sometime between 5 p.m. July 19 and 7:30 a.m. July 20.

July 25

1:08 p.m. - A student received minor injuries when he confronted a subject attempting to steal his bicycle from the west side of Eliot Hall. When the student grabbed the bicycle, the subject forcibly pulled it away and headed south on Forsyth Boulevard.

(Space constraints prohibit a description of each criminal incident that occurred during the month of July. In addition to the above, the Hilltop Campus Police Department responded to a number of lesser crimes over the past four weeks, including 18 incidents of larceny, two incidents of burglary, three incidents of institutional vandalism, two incidents of property damage and two incidents of attempted burglary.)

All University departments to go online — from page 1

assembly meeting to announcements and a "Hot Topic" section for the latest issues of burning interest. A recent monthly tally of the student page shows that 69 percent of its users were from the Washington University community, but the other 31 percent comprised users from Sweden, Ireland, France, Australia, Germany and other points in the United States.

"We'd like to think they're all prospective students," Dubetz said, jokingly.

Mosaic users can access the Library of Congress, art museums, the Vatican Library and even the Dead Sea Scrolls through the various other Mosaic gophers worldwide. With a few clicks of the mouse, Dubetz can draw up the Krannert Art Museum at the University of Illinois Urbana-Champaign and, as if strolling through on a quiet Sunday afternoon, view a mini-version of the painting of Christ after the Flagellation, then a Winslow Homer painting, each with an accompanying text. The same treatment is available through a Mosaic server in San Francisco for the Exploratorium, a hands-on science center.

But not all Washington University personnel have access to gopher, fewer yet to Mosaic. Dubetz said some 7,000 computers here are on the campuswide network, which is driven by a system called Ethernet, a connection of workstations, personal computers and terminals. Gradually, all University departments will go online as the Information Superhighway becomes more integral to the work place. By the year's end every student in

every Washington University residence hall will have access to Internet via a special jack installed in each room.

The next step for the Internet is advanced interactivity made available by the incorporation of faster fiber optic lines. Project Zeus is the Washington University research program exploring the many uses of ultra-fast fiber optic switching systems called ATM (asynchronous transfer mode). The Project Zeus switch is considered by many to be the world's fastest and most versatile switch. Eventually Project Zeus will be connected to the Internet once it becomes an ATM system, which will move traffic at incredible speed. Such a connection may one day bring faces on the screen for real-time conversation while users access the Washington University Mosaic pages, for instance.

"In the future, local communities will provide Internet access," said Dubetz. "It will be a resource similar to the telephone. Individuals will pay a fee similar to a phone bill, and they'll have access. Right now, the Internet is the most appealing to scientists, but as more things go online, more people from all sectors of society will be interested. What's available now only hints at what's to come."

If you've never accessed an Internet gopher before, try this: when the Enter key comes up on your computer screen, simply type in "library." From there, a gopher devised by Paul Buchanan, director of computing and telecommunications at Olin Library, will put you in business.

— Tony Fitzpatrick

For The Record

For The Record contains news about a wide variety of faculty, student and staff scholarly and professional activities.

Of note

Michael R. Chicoine, M.D., a neurosurgical resident, received first place in the Resident's Competition in the basic science category for his work titled "Multimodality Assessment of Brain Tumor Cell Motility." The national competition for neurosurgical research was held during the Southern Neurosurgical Society's annual meeting held in White Sulphur Springs, W.Va. Chicoine conducted his research in the laboratory of **Daniel L. Silbergeld, M.D.**, assistant professor of neurological surgery. ...

Residents in the Department of Ophthalmology and Visual Sciences selected **Harry L. S. Knopf, M.D.**, associate professor, as the 1993-94 "Teacher of the Year" for the department's clinical faculty. He was honored at the annual dinner for the department's alumni held at the Randall Galleries in St. Louis. ...

Ronald A. Leax, associate professor of art (sculpture), was selected to participate in the annual reading and scoring of Advanced Placement Examinations in studio art. Each year the examination program, which is sponsored by the College Board, gives capable high school

students an opportunity to take rigorous college-level courses and examinations. ...

Daniel B. Shea, Ph.D., professor of English, played the lead role in the St. Louis Shakespeare Company's summer production of "King Lear" at Mary Institute/St. Louis Country Day School. It was the first time Shea, who has acted in numerous local theatre productions, performed Shakespeare.

Speaking of

At the Crohn's and Colitis Foundation of America's first conference held in St. Louis, **Ira J. Kodner, M.D.**, associate professor of surgery, presented a program on inflammatory bowel disease. ...

James D. Miller, Ph.D., professor of psychology in the Department of Speech and Hearing at the Central Institute for the Deaf (CID) and director of research at CID, demonstrated the potential uses of asynchronous transfer mode multimedia telecommunications during The World Institute on Disability Training Session held at Southwestern Bell Telephone Co. in St. Louis. ...

Kevin D. Moeller, Ph.D., associate professor of chemistry, delivered two invited presentations at Southern Illinois University at Carbondale. ...

Kenneth A. Robin, director of financial information systems at the School of Medicine, **Erle D. Craig**, assistant director of information systems, and **Steven G. Westlund**, senior project leader in information systems, both on the Hilltop Campus, delivered a paper titled "When Departments Want It All: The Implementation of a Comprehensive, Online Administrative Information System" at the College and University Computer Users Conference held in Columbus, Ohio. The paper was named one of the 10 best papers (out of 48) at the conference. ...

Eugene B. Shultz Jr., Ph.D., professor emeritus of technology and human affairs, presented an invited lecture to the College of Arts and Sciences faculty at Governors State University in University Park, Ill. His talk was titled "Possibilities for Interrelating the Sciences and the Other Liberal Arts in Interdisciplinary Curricula." ...

Scott B. Steinman, O.D., Ph.D., assistant professor of ophthalmology and visual sciences and of anatomy and neurobiology, presented a paper on "Attentionally-induced Changes in Visual Processing Speed Reveal the Spatial Organization of Visual Attention" at the American Academy of Optometry's annual meeting held in Boston. ...

At the Institute for Psychoanalysis in Chicago, **Murray L. Wax, Ph.D.**, professor emeritus of anthropology, delivered an invited lecture on "How Secure Are Grünbaum's Foundations?" In addition, he has been appointed to the American Anthropological Association's commission to revise its principles of professional responsibility.

On assignment

Susan Frelich Appleton, J.D., professor of law, was elected to The American Law Institute's council at the organization's 71st annual meeting held in Washington, D.C. The council is the governing body of the institute, a national organization of about 3,000 leading attorneys, judges and law professors. ...

G. Robert Kletzker, M.D., clinical instructor in otolaryngology, and **Peter G. Smith, M.D., Ph.D.**, assistant professor of clinical otolaryngology, served as instructors in a course on "Surgical Approaches to the Skull Base" during the North American Skull Base Society's fifth annual meeting held in Orlando, Fla. They also delivered a presentation on "Monitoring of Lower Cranial Nerve Function During Skull Base Surgery" and "Invasion Patterns of Advanced Temporal Bone Malignancies." In addition, Kletzker moderated a temporal bone seminar and Smith served as a panelist during a seminar on "Complication Avoidance."

To Press

Franz U. Steinberg, M.D., professor emeritus of clinical medicine, is a co-editor of a textbook titled *Rehabilitation of the Aging and Elderly*. Steinberg wrote two chapters in the book, which has been published by Williams & Wilkins Co. of Baltimore.

Guidelines for submitting copy:

Send your full name, complete title, department, phone number and highest-earned degree, along with a typed description of your noteworthy activity to For The Record, c/o Carolyn Sanford, Campus Box 1070, or p72245cs@wuvmd.wustl.edu. Items must not exceed 75 words. For information, call Sanford at 935-5293.

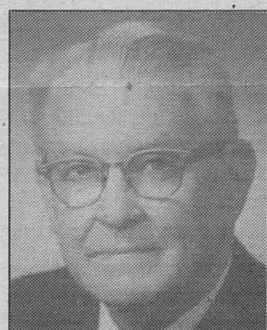
Obituaries

Armand C. Stalnaker, former trustee, management professor, dies at 78

Armand C. Stalnaker, Ph.D., professor emeritus of management and a former member of the Washington University Board of Trustees, died in his sleep July 1 at his Clayton home. Stalnaker, who suffered from heart disease, was 78.

Stalnaker's affiliation with the University began in 1975 when, as chairman of General American Life Insurance Co., he was elected to the Board of Trustees. Upon retiring from the company in 1981, he joined the faculty as professor of management at the John M. Olin School of Business. In 1990 he retired from the University to spend more time on his sailboat on Chesapeake Bay.

Stalnaker received a bachelor's degree in business administration from the University of Cincinnati in 1941, a master's degree in economics from the University



Armand C. Stalnaker

of Pennsylvania in 1945 and a doctorate in personnel psychology from Ohio State University in 1951.

He is survived by two sons, Timothy Stalnaker of St. Louis and Thomas Stalnaker of West Chester, Pa.; a sister, Charline Clarke of Tarpon Springs, Fla.; and two granddaughters, Nancy Stalnaker and Rachel Stalnaker, both of West Chester.

Stalnaker donated his body to science. Memorial contributions may be given to the Irene and Michael Karl Professorship in Endocrinology at the School of Medicine.

First dean of admission dies of pneumonia

William G. Bowling, professor emeritus of English and Washington University's first dean of admission, died July 1 at St. Luke's Hospital in west St. Louis County. Bowling, of University City, died of complications from pneumonia. He was 92.

"Bill Bowling was a gentleman, considerate and kind, and deeply committed to Washington University," said Burton Wheeler, Ph.D., professor of English and of religious studies.

Bowling joined the Washington University faculty in 1925 as an instructor in English. He retired in 1970, the year he attained emeritus rank. He served as dean of University College from 1937-1942 and dean of the College of Liberal Arts (now the College of Arts and Sciences) from 1942-46. In 1946, he became Washington's first dean of admission, a position he held until 1965.

From 1946 to 1957, Bowling also was the motion picture photographer for the Department of Athletics, filming football and basketball games. In 1960 the University presented him with an alumni award for distinguished service as a teacher and administrator. He served as University historian from 1964-65. A Washington alumnus, he received a bachelor's degree in 1924 and a master's degree in 1925, both in arts and sciences.

Among Bowling's survivors are his wife, Violet Whelen Bowling of University City; a son, Townsend Whelen Bowling of San Antonio; and a nephew, John D. Bartley Jr. of St. Louis.

In lieu of flowers, the family has requested that memorial contributions be made to the St. Louis Audubon Society, 3927 Lucas and Hunt Road, St. Louis, Mo., 63121, or to an animal shelter.

George E. Roulhac Jr., M.D., former assistant professor of neurosurgery, died June 24 at Southeast Georgia Medical Center in Brunswick, Ga., after a long illness. He was 78. Roulhac, of Sea Island, Ga., joined Washington University in 1941 as an assistant in surgery. He left the University in 1951.

Rosalyn Stein, a retired special projects administrator in the Department of Molecular Microbiology, died June 27 at Delmar Gardens West Nursing Home in west St.

Louis County after a long illness. She was 68. Stein, of Creve Coeur, joined Washington University in 1964 as a secretary in the department. She retired in 1993.

Orlando H. Wilkening, director of corporate relations from 1957-1963, died May 9 at Delmar Gardens West Nursing Home in west St. Louis County after an illness of several months. He was 80. Wilkening, of Ballwin, was a 1935 graduate of the John M. Olin School of Business.

Anthropology students awarded National Science Foundation prize

Two Washington University undergraduate students in anthropology recently were awarded the National Science Foundation (NSF) Incentives for Excellence Scholarship Prize.

James E. McLeod, dean of the College of Arts and Sciences, presented the prize to junior Opal Booth and sophomore William Kappenhagen. Each student receives \$500.

The NSF awards the prize to the undergraduate department of each NSF Minority Graduate Fellowship awardee. The Department of Anthropology's award was received in recognition of Michele M. Solis, a 1989 graduate of Washington who recently received an NSF Minority Graduate Fellowship in neurosciences. The undergraduate department then redirects the money to an outstanding student or students.

Through the Incentives for Excellence Scholarship Prize, the NSF seeks to increase opportunities for outstanding minority students to pursue advanced studies in science, mathematics or engineering. The prize also recognizes faculty efforts in identifying outstanding students and serving as their mentors.

D. Tab Rasmussen, Ph.D., associate professor of anthropology, nominated Booth for the prize. Booth, who will be a senior this fall, is considering applying to graduate school.

Kappenhagen, a soon-to-be junior, is majoring in both psychology and anthropology in an effort to study individuals within their cultural setting. He plans to pursue similar studies in graduate school. Lois Beck, Ph.D., professor of anthropology, nominated Kappenhagen for the award.

Architecture school honors five alumni

The School of Architecture recently held its first annual Distinguished Alumni Awards Dinner at the former Columbia Theatre in St. Louis.

Four alumni, Doris Andrews Danna, George Hellmuth, Robert Kahn and James F. O'Gorman, were honored with Distinguished Alumni Awards. In addition, alumnus Jamie Cannon received the Dean's Medal for Service.

Danna, B.Arch. 1952, is an active member of the American Institute of Architects' (AIA) St. Louis chapter. She served as a staff member, newsletter editor and in 1991 she was named interim executive director. In 1992 she became the first female to be elected president of the St. Louis AIA. Danna also is active with the state and national AIA.

Hellmuth, FAIA, B.Arch. 1928, M.Arch. 1931, is one of the founding principals of St. Louis-based Hellmuth, Obata & Kassabaum Inc., one of the largest architectural firms in the world. Hellmuth, who is retired, pioneered the team approach concept in practicing architecture. He received a First Honor Award from the AIA and was named a fellow in 1973. A longtime supporter of Washington University, he has chaired the school's Capital Resources Committee.

In 1986 Kahn, B.A. 1977, founded

Robert Kahn and Associates Architects, based in New York. The recipient of numerous honors, he was awarded the Glassman Prize for Design Excellence while at Yale University, where he received his master's degree in architecture in 1980. In 1981, he received the Prix de Rome from the American Academy in Rome. He is critic of design at Yale University.

O'Gorman, B.Arch. 1956, is the Grace Slack McNeil Chair in the History of American Art at Wellesley College and a visiting professor of architecture history at the Massachusetts Institute of Technology. O'Gorman has been active in the Society of Architectural Historians. In addition, he is a board member of the Victorian Society in America.

Cannon, B.Arch. 1960, has served as chair of the school's 20th Reunion Class Gift effort and has raised funds to establish scholarships. He also has recruited members for the Century Club and the William Greenleaf Eliot Society. In 1993, Cannon, president of the AIA's St. Louis chapter, established the school's Jamie and Mary Jo Cannon Scholarship. Founder and president of Jamie Cannon Associates, Architects and Planners in St. Louis, he is a member of the school's National Council and the Alumni and Parents Admission Program.

Opportunities & personnel news

Hilltop Campus

The following is a list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 126 North Brookings Hall, or by calling 935-5990. Note: All positions require three letters of recommendation.

Staff Assistant/Editorial Assistant

940286. *Department of Chemistry*. Requirements: Some college, bachelor's degree preferred; typing 50 wpm with accuracy. Duties: Serve as office manager for the Biomedical Mass Spectrometry Facility and as editorial assistant for Journal of the American Society for Mass Spectrometry. Clerical tests required.

Senior Periodicals Editor

940300. *Public Affairs*. Requirements: Bachelor's degree; an ability to serve as a member of a collaborative, creative team. Duties: Responsible for development, research, writing, editing, proofreading and scheduling of assigned periodicals, especially Washington University Magazine and Alumni News and Parents News. Resume required.

Technical Coordinator

940309. *The Software Library*. Requirements: University degree with technical background, computer science preferred; experience in customer relations and/or in a services organization; experience with VMS and UNIX preferred; ability to manage technical information and provide services in a multivendor computing environment; excellent interpersonal, communication and organizational skills; demonstrated problem-solving skills and attention to detail. Resume required.

Administrative Assistant

940314. *Biomedical Engineering*. Requirements: Some college; ability to function autonomously, taking responsibility for tasks and seeing them through to completion; familiarity with electronic communication and desktop publishing; typing 50 wpm with accuracy. The biological engineering administrative assistant runs the Biological Engineering Office and supports biological and biomedical engineering training activities at both the undergraduate and graduate levels. Clerical tests required.

Library Technical Assistant

940315. *Olin Library*. Requirements: Two years of college-level study or equivalent experience; knowledge of accounting through experience or course work; experience with Washington University's Financial Information System preferred; ability to work with details in an organized way; valid driver's license and ability to obtain chauffeur's license; physical stamina; ability to move and lift heavy equipment, supply items and filled mail sacks, and to make delivery trips in bad weather; mail handling and/or shipping/receiving experience helpful; employment contingent upon successfully passing physical exam; typing 30 wpm with accuracy. Clerical tests required.

Administrative Assistant

940322. *School of Architecture*. Requirements: Some college; five years of secretarial experience; typing 50 wpm with accuracy. Clerical tests required.

Departmental Secretary

940323. *Department of Anthropology*. Requirements: Associate's degree or equivalent education; ability to answer routine questions by undergraduate and graduate students concerning registration

procedures, course locations, faculty office hours and other department procedures; typing 50 wpm with accuracy. Clerical tests required.

Academic Specialist

950002. *Faculty Computing Services*. Requirements: Bachelor's degree; strong technical background and advanced problem-solving skills; excellent verbal, written and presentation skills; demonstrated ability to work with individuals and groups; working knowledge of networking, UNIX, Macintosh, Microsoft Windows, MS-DOS and computer hardware; strong commitment to service and support; familiarity with network hardware and software, including installation; knowledge of second language helpful. Resume required.

Assistant Network Engineer

950004. *Faculty Computing Services*. Requirements: Associate's degree in engineering or applied science, technical training or equivalent experience; experience installing, maintaining and providing support for local area networks (Novell, Appletalk, TCP/IP); strong problem-solving skills; good verbal and written communication skills; experience with telephone, CATV, or RS-232 installation; personal computer or Macintosh experience. Resume required.

Departmental Secretary

950006. *Alumni and Development Programs*. Requirements: Some college, bachelor's degree preferred; strong background in personal computing; experience with Microsoft Word preferred; pleasant, professional manner with co-workers, volunteers, vendors; ability to handle multiple tasks in an organized, accurate and timely manner; excellent verbal and written skills; available to work extra hours if necessary; typing 50 wpm with accuracy. Clerical tests required.

Accounting Clerk

950007. *Development Services*. Requirements: High school diploma, some college preferred; good judgment; ability to work under pressure; ability to work well with others; adaptable to change; typing 50 wpm with accuracy. Clerical tests required.

Buyer

950010. *Central Stores*. Requirements: High school diploma, some college preferred; ability to work with minimal supervision; excellent communication skills; ability to run FOCUS reports preferred; typing 15 wpm. Clerical tests required.

Contract and Grant Coordinator

950012. *George Warren Brown School of Social Work*. Requirements: Bachelor's degree with accounting background; strong communication skills; experience in funded research and administration and working with federal government agencies and foundations; personal computer word processing and spreadsheet skills; ability to organize and work under pressure during grant deadline period; typing 40 wpm with accuracy. Clerical tests required.

Audio-visual Coordinator

950014. *School of Law*. Requirements: Bachelor's degree; strong organizational skills; experience in the operation of audio-visual equipment; experience in the maintenance and repair of audio-visual equipment preferred; minimum of one year experience managing an audio-visual department; experience with personal computers preferred; ability to work flexible hours, including evenings. Resume required.

Administrative Assistant, Career Services

950015. *School of Law*. Requirements: Bachelor's degree; experience in an academic or legal setting preferred; typing 40 wpm; excellent verbal and written communication skills; ability to work well under pressure, work independently and exercise sound judgment. (An equivalent combination of experience and education will be accepted in lieu of bachelor's degree.) Clerical tests required.

Library Technical Assistant, Adaptive Cataloging

950016. *Olin Library*. Requirements: Bachelor's degree or equivalent work experience; relevant experience or course work in librarianship; ability to work with foreign languages; reading knowledge of one Western foreign language preferred; ability to work with details in an organized and accurate manner; legible handwriting; physical stamina; typing 35 wpm with accuracy. Clerical tests required.

Library Assistant, Weekend/Evening Manager

950017. *Olin Library*. Requirements: Two years of college or equivalent study/work experience; library work and supervisory experience preferred; interpersonal skills, including the ability to communicate effectively with a diverse public and staff, and strong service orientation; computer skills and familiarity with automated circulated system, preferably NOTIS, desirable; familiarity with audio-visual and photocopier maintenance desirable; ability to work Sunday and weekday evenings and flexible hours as needed. Clerical tests required.

Project Coordinator

950023. *Department of Biology*. Requirements: Bachelor's degree; particular training and experience in area of research project or great deal of experience in related areas. Duties: Assist in studies started by departing postdoc; working knowledge of all techniques and instruments in lab; ability to work without supervision.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a transfer request should contact the Human Resources Department of the medical school at 362-4920 to request an application. External candidates may call 362-7195 for information regarding application procedures or may submit a resume to the Human Resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, Mo., 63110. Please note that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than Human Resources.

Coding Specialist

940782-R. *Internal Medicine*. Schedule: 3:30-11:30 p.m. Mondays-Fridays, including some weekends. Requirements: High school graduate or equivalent; proficiency in CPT and ICD-9 coding; good communication skills and ability to handle large patient volume and stressful situations; knowledge of medical terminology; typing 25 wpm. Position requires a great deal of walking.

Secretary III

940890-R. *Lipid Research*. Schedule: Part-time, 24 hours per week, days and hours flexible. Requirements: Minimum of one year of college with formal secretarial training preferred; pleasant personality with ability to interact with investigators, postdoctoral fellows and technicians; experience on WordPerfect using IBM personal computer; typing 65 wpm.

User Support Specialist

940913-R. *Medical Library*. Requirements: Bachelor's of science degree in computers or equivalent; two years related experience involving MAC installations; working knowledge of MAC hardware and software and related LAN equipment; ability to conduct training and perform routine system maintenance.

Accounting, Payroll or Purchasing Assistant I

940955-R. *Psychiatry*. Requirements: High school graduate or equivalent, associate's degree, certificate or college course work in accounting preferred; experience with accounts payable and purchasing procedures; experience with Financial Information System highly preferred; typing 40 wpm.

Medical Transcriptionist

940957-R. *Neurology*. Requirements: High school graduate or equivalent with two to three years office experience, preferably in physician's office setting; experience in CRT/IDX scheduling; knowledge of medical terminology; typing 60 wpm.

Data Control Coordinator

950025-R. *Pediatrics*. Temporary position, six to seven months. Requirements: High school graduate or equivalent with two years additional education or experience; computer equipment/programming experience preferred; knowledge of medical terminology.

Graduate Student Coordinator

950036-R. *Biology and Biomedical Sciences*. Requirements: High school graduate or equivalent, some college preferred with three to five years related experience; word processing or personal computer experience; typing 50 wpm; verbal and written communication skills.

Clinical Lab Assistant

950043-R. *Pediatrics*. Schedule: Part-time, 16 hours per week, 11:30 p.m.-7:30 a.m. Fridays and Saturdays. Requirements: High school graduate or equivalent; data experience; familiarity with medical terminology; typing 50 wpm.

Administrative Secretary

950060-R. *Pediatrics*. Requirements: High school graduate or equivalent, two years of college preferred with three to five years related experience; medical or scientific experience helpful; typing 65 wpm; experience on WordPerfect with personal computer.

Administrative Coordinator-Accounting

950073-R. *Internal Medicine*. Requirements: Bachelor's degree in accounting or business, master's degree highly preferred; experience in automated accounting environment, fund accounting and financial analysis.

Piper — from page 1

students and faculty will appreciate and benefit from their generosity and dedication."

Piper co-chaired the school's Capital Gifts Committee during Washington University's successful ALLIANCE campaign, which ended in 1987. More recently, he served on the John M. Olin Challenge Capital Gifts Committee from 1988 to 1992. He also has served as chair of the Class of 1935's reunion gift effort.

Marion K. Piper is a graduate of the University of Illinois and has a master's degree from Columbia University's Teacher College. She was a director of Pet Inc. from 1970-79.

The Pipers have been involved in many civic activities and both were awarded the Olin School's Dean's Medal in 1990.