WASHINGTON UNIVERSITY IN ST. LOUIS
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Exhibit showcases 85 masterpieces from Gallery of Art

M asterpieces 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. 12 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 Sconce."

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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Piper gift supports Olin business school

W ashington University Chancellor William H. Danforth has announced a $1 million gift from Vernon W. Piper, retired president of the A.C.L. Haas 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 the John M. Olin School of Business.

"Vernon Piper is a man of vision, integrity and commitment," Danforth said. "He and his wife, Marion, have been distinguished and loyal supporters of Washington University and the Olin School. This latest gift is in addition to commitments made over the last decade for an endowed scholarship, an endowed chair and a room in the building. Generations of Olin students will be grateful for his generosity."

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Information superhighway

School of Engineering and Applied Science offers roadmap to the world

W ashington University is a treasure trove of information on the Internet, that fact is at the heart 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, 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 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 interest 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 mapping 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 any 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 depart-ments 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 particu-lar department. Biology, for instance, has listings of seminars, research papers, course offerings and some 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, very, very, very, very, "It's called 'Mosaic,'" said Dubetz. "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 Uni-versity, which was one of the earliest cam-puses 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 Atim, associate director of Academic Computing and Net-working, have developed their own experi-mental "page" which gives a sampling of Washington University life, from the minutes of the last Congress of the South Forty.\n
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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 Hunting 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 $10 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 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 are now 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 362-6210.

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.

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 urges 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 American Academy of Child Health and the American Academy of Pediatrics, and the National SIDS Alliance and the Association of SIDS Program Professionals announced the campaign.

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.”

Death Syndrome (SIDS), the leading cause of death in babies 1 month to 1 year old in the United States.

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

Washington University Record
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 Snelson.

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.
**Calendar**

**Aug. 4-27**

**Exhibitions**

- "A Gallery of Modern Art," 85 works by masters of 19th- and 20th-century art. It is the first time the collection of paintings has been shown together.
- "Kaleidoscope 1904-1994," marks the 90th anniversary of the fair, which celebrated the Louisiana Purchase.

**Music**

- **Thursday, Aug. 25**
  - Dept. of Music vocal auditions. Vocal Jazz Choir, 1-4 p.m., Room B-10, Blumer Hall, Chamber Choir, 4-7 p.m., Tietjen Hall.
  - Auditions continue Aug. 26 for University Chorus, Vocal Jazz and Black Composers, Repertoire Chorus from 1-4 p.m. in Room B-10, Blumer Hall.

**Films**

- **Tuesday, Aug. 9**
  - 7:30 p.m. Summer School Classic Film Series, "The Pangea," which featured the origin of the earth's present land masses.
- **Wednesday, Aug. 10**
  - 7:30 p.m. Summer School Classic Film Series, "The Black Swan," based on a Thomas Mann novel.
- **Tuesday, Aug. 16**
  - 7:30 p.m. Summer School Foreign Film Series, "Posters of Leonetto Caprello.

**Performances**

- **Monday, Aug. 22**
  - 8 p.m. Seasonal Repertory Chorus dance division auditions. A placement audition for first-year and transfer students.

**Miscellany**

- **Wednesday, Aug. 10**
- **Thursday, Aug. 18**
  - 1:30 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.

**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.

**School of Medicine**

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

**Orchestrating new students to 1904 World's Fair**

- **Wednesday, Aug. 17**
  - 7:30 p.m. Summer School Classic Film Series, "The Silence of the Lambs." Room 219 Ridgley Hall, 935-6700.

- **Saturday, Aug. 21**
  - Dept. of Music instrumental auditions. Wind Ensemble, 1-4 p.m., Tietjen Hall. Call 935-7465 to schedule specific times.

- **Monday, Aug. 22**
  - 8 p.m. Seasonal Repertory Chorus dance division auditions. A placement audition for first-year and transfer students.

- **Tuesday, Aug. 9**
  - 7:30 p.m. Summer School Classic Film Series, "Down From Troy: A Doctor Comes of Age," in Italian with English subtitles.

- **Wednesday, Aug. 10**
  - 7:30 p.m. Summer School Classic Film Series, "The Troubleshooters," in Italian with English subtitles.

- **Tuesday, Aug. 16**
  - 7:30 p.m. Summer School Foreign Film Series, "Posters of Leonetto Caprello.

**Calendar guidelines**

- Events sponsored by the University — departments, schools, centers, organizations and its recognized student organizations — are listed 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 Rhall at 4136 (via fax: 935-6592). Submission forms are available by calling 935-4928.

- The deadline for all entries is Monday one week prior to publication. Late entries will not be printed. The Record is printed on a consecutive weekly basis except holidays, and monthly during the summer.

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 Seaver.

- The play, which is part of Edition Theater's "Stage Left" series, will be held Oct. 20-23 at the University's new theater, "The Gathering." A panel of upperclass students will speak on topics ranging from making friends to time management. The event will be held in Olin 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 Steenberg Hall will feature "A Gallery of Modern Art," an exhibit of 19th- and 20th-century American and European paintings and sculptures.

- Celeste S. G. Keene will de-
Festival hailed most successful in recent history

In recent history, Washington University's athletic venues, parking, transportation, security and media center, as well as the Athletes' Village, all were blessed 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. That level of dedication 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, associate athletic director, Darriot Corp., and Jamesetta "Tootie" Williams, director of conference and guest housing, Corp., and Jamesetta "Tootie" Williams, director of conference and guest housing, shared the credit with other University personnel and local volunteers.

The Athletes’ Village posed the most logistical problems, realized as 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, 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 headache for: 

"And I don't know how many impromptu practice and training sessions took place around and around our facilities," Godfrey said. One evening, for example, University staff waited for more than two hours for a team 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 disappointed at the number of issues and questions that fell around people that had no close 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 peopleattering and parking issues and questions fell around people that had no close 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 peopleattering and parking..."
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 Rononos 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.
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.

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.

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 University mentor Teri Clemens commanded the""
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 enabled 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 popular 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 had a formal education as an art historian, including Rome Bearden's 1969 college screen painting titled "Black Venus." Joseph Beuys' 1972 silkcreen "Be-necht Untitled," a work which Ketner purchased in 1990, is still a part of the collection.

Joseph D. Ketner

screen painting titled "Don't Tempt, Don't Tread on Me," which the gallery bought in 1991, and Tim Rollins' 1993 painting "Don't Be Afraid, Little," 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 looking in print the current administration's acquisitions, I leave these art works for posters and judging," 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 "Aquaduct Near Rome." In 1970 Cole's is considered the first painting of American landscape and this is his collection's only painting of 'American Landscape.' The exhibit "Aquaduct 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 "Cal F. Wimmer: Chautauqua 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 Columbia 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 Institution'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. Duncan, 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.

Duncan 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 on display in the summer of 1995.

During his tenure, Ketner has developed a partnership with St. Louis Printmarket. The 10-year-old Printmarket, founded by saldır Ceci Lowenhaupt, Printmarket. The 10-year-old Printmarket, founded by alaipa 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.

University collection among the country's best

"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, whose 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. "William 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 all 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 Columbian 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 institution, 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, inver ted 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 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 Numismat- tics 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

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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 resources to the 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 Linda Sims from St. Louis, who will enter Olaf Heights College this fall.

Two weeks prior to Space Academy, 10 African-Americans 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 space science. The students were selected from among 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 design, space travel, moon rocks, meteorites, satellites and pollution studies from space. "It's great to see so many young people excited about space science," said Heerboth, who has taught in the program for six years. "Everyone at Washington University has been very cooperative and helpful in the success of the Space Academy."

Raymond E. Avedisian, 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. "It's been nice to have the students in a real science environment", said Avedisian, who has taught in the program for 12 years. "Everyone at Washington University has been very cooperative and helpful in the success of the Space Academy."

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The following incidents were reported to the Hilltop Campus Police Department during the month of July. Readers are urged to report any crimes to the Hilltop Campus Police Department. Information on each incident opens in June at Epcot. The awards ceremony will be taped, and the winners will be announced on the TV show "Epcot's Countdown to the Next Millennium," which will air at 8:30 p.m. Aug. 25 on the Disney Channel. The Discover Award winners were determined by experts at Disney and the leaders of space and planet science; they will be featured in a special October 1994 issue of Discover magazine, one of the most popular science magazines in the world, with a readership of five million each month.

The techmique is patented and may be marketed by independent companies. The awards were chosen from 4,000 distinguished engineers and scientists, including 40 panels of five renowned experts in each of the seven categories.

July 9

7:32 a.m. - Three telephones belonging to Student Life were reported stolen from rooms 40 and 42 in the Women's Building sometime between 5 p.m. July 8 and 8:30 a.m. July 11.

July 10

7:35 a.m. - Two couches were reported stolen from the hallway across from Rooms 118 in the Women's Building sometime between 5 p.m. July 8 and 8:30 a.m. July 11.

July 12

11:34 a.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

2:31 p.m. - Cash belonging to Marriott Food Services was reported stolen from a locked safe in the Bear Market store in Walnut Center sometime between 11:30 a.m. and 2:30 p.m.

July 15

9:29 a.m. - Two telephones 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.

All University departments to go online—page 1

Professor named finalist for Discover Awards

Ronald S. Indeck, Ph.D., associate professor of electrical engineering, is a finalist for the 1994 Discover Award 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 23 scientists worldwide who have been honored for their achievements and considered for top honors in technological categories such as information sciences, automotive and aerospace; computer hardware and electronics; computer software; environment; sight; and sound. The finalists will be recognized on July 20 at a prestigious 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 winners will be announced on the TV show "Epcot's Countdown to the Next Millennium," which will air at 8:30 p.m. Aug. 25 on the Disney Channel. The Discover Award winners were determined by experts at Disney and the leaders of space and planet science; they will be featured in a special October 1994 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 storage and retrieval, is the first recipient of the prestigious Scientist of the Year award for his innovative work in developing a new technology that allows information to be stored magnetically on magnetic media. His work is marketed by independent companies. The awards were chosen from 4,000 distinguished engineers and scientists, including 40 panels of five renowned experts in each of the seven categories.

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 most versatile and most powerful. Eventually Project Zeus will be connected to the Internet once it becomes an ATM system, which is the most secure and best way to transfer information. Such a connection may one day bring faces on the screen for real-time conversations while users access the Washington University Mosaic pages, for instance.

"In the local communities will provide Internet access," said Indeck. "It will provide opportunities for education and commerce. Individuals will pay a fee similar to a phone bill, and they'll have access. Right now, the Internet is the most secure and best way to transfer information. As more things go online, more people from all walks of life will be interested. What's available now only hints at what's to come."

If you've never accessed an Internet graphic user interface, when you type in a Web page, you'll be greeted by a prompt asking you what you wish to do. You can choose anything from a list of commands, and the system will respond. Your next action opens in June at Epcot. The awards ceremony will be taped, and the winners will be announced on the TV show "Epcot's Countdown to the Next Millennium," which will air at 8:30 p.m. Aug. 25 on the Disney Channel. The Discover Award winners were determined by experts at Disney and the leaders of space and planet science; they will be featured in a special October 1994 issue of Discover magazine, one of the most popular science magazines in the world, with a readership of five million each month.

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

William G. Bowling, professor emeritus of English and Washington University alumnus, 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 Weisblat, Ph.D., professor of English and religious studies. "In lieu of flowers, the family has requested that people consider giving to the university that Bill loved so much." The family has also asked that gifts be made in his memory to the Fredrick A. Delphi Scholarship Fund, a fund created for the benefit of students in the Department of English.

Walter E. Kol timers, M.D., former associate professor of neurology, died June 24 at Southeast Georgia Medical Center in Brunswick, Ga., at age 81. He became the third generation of neurologists in his family to practice in the field. He was the first to teach neurology at numerous local universities, performing clinical research.

Speaking of

At the Crohn's and Collitis Foundation of America's first conference held in St. Louis, June 4, seven renowned experts delivered 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 technology in the classroom. The St. Louis Institute on Disability Training Session held at Southeastern Bell Telephone Co. in Maryland also featured a demonstration.

Kevin D. Moeller, Ph.D., professor of psychology, delivered two invited presentations at St. Louis University at Cardinal rule.

Anthropology students awarded National Science Foundation prize

Two Washington University undergraduates were honored at the 1994 National Science Foundation (NSF) Conference for Excellence in Undergraduate Teaching. The NSF awards the prize to the under-graduate department that demonstrates the highest level of excellence. Professor Sandra Ellis, professor of anthropology, delivered a paper titled "The NSF Conference for Excellence in Undergraduate Teaching," at the conference.

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First dean of admission dies of pneumonia

Armand C. Stalnaker, former professor of management, professor emeritus of management and a former member of the Washington University Board of Trustees, died on June 28 at his Clayton home. Stalnaker, who was born in Chicago in 1914, died at the age of 78. Stalnaker's affiliation with the University began in 1973 when, as chairman of General American Life Insurance Co., he was elected to the Board of Trustees. Upon retirement from the company in 1981, he joined the faculty as professor of management at the John M. Olin School of Business. In 1988, he was elected to the presidency of the University for the academic year 1989-90.

Stalnaker had a distinguished career in business and in the University. In 1962, he became the first dean of admission at the University, and in 1967, he was named the dean of liberal arts. In 1973, he was elected to the presidency of the University for the academic year 1974-75.

In 1986, he was named the dean of liberal arts. In 1988, he was elected to the presidency of the University for the academic year 1989-90. He served as the dean of liberal arts until 1990, when he retired from the University and moved to Washington, D.C., to become the dean of liberal arts at the Catholic University of America.

Stalnaker was a member of the University's Board of Trustees and served on the university's Commission on Athletics. He was also a member of the University's Board of Visitors and served on the university's Board of Regents. He was a member of the University's Board of Governors and served on the university's Board of Directors. He was a member of the University's Board of Visitors and served on the university's Board of Regents. He was a member of the University's Board of Governors and served on the university's Board of Directors.

Robert Kahn and Associates Architects, based in New York, was the recipient of numerous awards for excellence in design. Robert Kahn, a graduate of the School of Architecture at the University of Pennsylvania, was the recipient of the Glassboro Scholarship Prize for Design Excellence at Yale University. In 1981, he was elected to The American Law Institute's council at the organization's 71st annual meeting held in Orlando. He also delivered a presentation on "Monitoring of Lower Cranial Nerve Function During Skull Base Surgery" at the American Academy of Neurological Surgery.

"In Praise of Orderly Fun- tion During Skull Base Surgery" was the title of the paper presented at the 1994 National Science Foundation Conference for Excellence in Undergraduate Teaching. The NSF awards the prize to the undergraduate department that demonstrates the highest level of excellence. Professor Sandra Ellis, professor of anthropology, delivered a paper titled "The NSF Conference for Excellence in Undergraduate Teaching," at the conference.

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Architecture school honors five alumni

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

"We have a long tradition of excellence in architecture," said Daniel B. Shea, Ph.D., professor of architecture in the Department of Architecture and Urban Design. "All of our alumni are incredibly talented, and they have made significant contributions to the field of architecture."

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Hilltop Campus

The following is a list of positions available on the Hilltop Campus. Information regarding application procedures and requirements may be obtained in the Office of Human Resources. Room 126 North Brookings Hall, or by calling 935-5990. Necessary applications and related requirements may be obtained for vacancies, and the office strongly discourages phone calls. As an affirmative action/equal opportunity employer, the University of Illinois at Urbana-Champaign prohibits discrimination against individuals on the basis of age, color, disability, creed, national origin, race, sex, religion, sexual orientation, or veteran status. The University of Illinois and has a master's degree.

Senior Periodicals Editor
94026.- Public Affairs. Requirements: Bachelor's degree; an ability to serve as a member of a collaborative, creative team. Duties: Responsible for developing, research, writing, editing, proofreading and scheduling of assigned publications, especially University of Illinois Magazine and Alumni News and Parents News. Resume required.

Technical Coordinator
94006.- Library Services. Requirements: University degree with technical background, computer science preferred; experience managing technical endowments in a services organization; experience with VMS and UNIX preferred; ability to manage technical information and provide services in a multimode environment; excellent verbal and written communication, computer, and organizational skills; ability to make technical decisions; ability to handle multiple tasks in an organization; ability to communicate clearly and timely manner; excellent verbal and written skills; available to work extra hours if necessary; typing 50 wpm with accuracy. Clerical tests required.

Departmental Secretary
95002.- Office of the Dean. Requirements: Some college, bachelor's degree preferred; strong background in engineering or applied science, experience with Microsoft Word preferred; pleasant, professional manner with computer experience, ability to handle multiple tasks in an organization, ability to communicate clearly 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
95000.- Development Services. Requirements: High school diploma, some college preferred, good judgment; ability to work under pressure; ability to work well with others; ability to type 50 wpm in accuracy. Clerical tests required.

Buyer
95010.- 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
95012.- Office of the Dean. Requirements: Bachelor's degree with accounting background; strong computer skills; experience in fund raised and administration and working with federal government agencies and foundations; personal computer word processing and spreadsheet skills; ability to work under pressure during grant deadline period; typing 40 wpm with accuracy. Clerical tests required.

Audio-visual Coordinator
95004.- School of Law. Requirements: Bachelor's degree; strong organizational skills; expertise in operation of audio-visual equipment; experience in the library, professional or college, or by calling 935-5990. Necessary applications and related requirements may be obtained for vacancies, and the office strongly discourages phone calls. As an affirmative action/equal opportunity employer, the University of Illinois at Urbana-Champaign prohibits discrimination against individuals on the basis of age, color, disability, creed, national origin, race, sex, religion, sexual orientation, or veteran status. The University of Illinois and has a master's degree.

Departmental Secretary
94010.- Psychology. Requirements: Some college, five years of secretarial experience; typing 50 wpm with accuracy.

Administrative Assistant
94010.- Biomedical Engineering. Requirements: Some college; ability to function autonomously, taking responsibility for tasks and seeing them through to completion; facility with electronic communication and desktop publishing; typing 50 wpm with accuracy. The biological engineering administrative assistant runs the Biological Engineering Office. Duties: Provides clerical support for the medical engineering training activities at both the Clinical Engineering Institute and graduate level. Clerical tests required.

Library Technical Assistant
94015.- Library Services. Requirements: Two years of college-level study or equivalent experience; knowledge of accounting through experience or coursework; experience with Washington University's Financial Information System preferred; ability to work with detail in an organized way; valid driver's license and ability to obtain chauffeur's license, if required; ability to move and lift heavy equipment, supply items and filled mail sacks, and to make deliveries in bad weather; ability to travel and/or shipping/receiving experience helpful; employment contingent upon successful completion of criminal background and drug test; typing 30 wpm with accuracy. Clerical tests required.

Administrative Assistant
94014.- Academic Computing. Requirements: Some college; ability to answer routine questions by undergraduate and graduate students concerning registration procedures, course locations, faculty office locations, and department procedures; typing 50 wpm with accuracy. Clerical tests required.

Academic Specialist
95002.- Faculty Computing Services. Requirements: Bachelor's degree, some technical background and advanced problem-solving skills; excellent verbal, written, and computer skills; demonstrated ability to work with individuals and groups and to develop technical 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.

Accounting Clerk
95007.- Development Services. Requirements: High school diploma, some college preferred, good judgment; ability to work under pressure; ability to function in the office 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.

Administrative Assistant
95005.- School of Law. Requirements: Bachelor's degree; experience in an academic or legal setting; ability to type 50 wpm; excellent verbal and written communication skills; ability to work well under pressure; ability to exercise sound judgment. (An equivalent combination of education and experience will be accepted in lieu of bachelor's degree.) Clerical tests required.

Library Technical Assistant, Adaptive Cataloging
95006.- Library Services. 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; confident, professional; physical stamina; typing 35 wpm with accuracy. Clerical tests required.

Library Assistant, Weekend/Evening Manager
95007.- Library Services. 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; strong service orientation; computer skills and familiarity with automated circulation systems; proficiency in OLETS, desirable; familiarity with audio-visual and photocopy maintenance desirable; ability to work weekends and weekdays, evenings and flexible hours as needed. Clerical tests required.

Project Coordinator
95002.- Department of Biology. Requirements: Bachelor's degree; particular training and experience in area of project research or great deal of experience in related areas. Duties: Assist in studies started by departing postdoc; work 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 obtaining a transfer request should contact the Human Resources Department of the medical school at 95002-362-1841. Information on open positions or may submit a resume to the Human Resources Office located at 4800 Clayton Ave., Campus Box 9202, 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
94070.- Biomedical Engineering. Requirements: Bachelor's degree, statistics, computer science preferred; interpersonal skills, including the ability to communicate well, typing 50 wpm; experience in coding applications helpful; experience with WordPerfect with personal computer; typing 65 wpm.

User Support Specialist
94091.- Medical Library. Requirements: Bachelor's degree in science degree in computer science or equivalent; two years related experience in computer installation; 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
94055.- Psychiatry. Requirements: High school graduate or equivalent; associate's degree, certificate or college course in accounting preferred; experience with accounts payable and purchasing procedures; experience with Financial Information System highly preferred; typing 40 wpm.

Medical Transcriptionist
94095.- Neurology. Requirements: High school graduate or equivalent with two to three years office experience, preferably in a physician's office setting; experience in CRT/DIN scheduling, knowledge of medical terminology; typing 60 wpm.

Data Control Coordinator
95002-95.- Pediatrics. Requirements: Temporary position, six to seven months. Requirements: High school diploma or equivalent education; one year's additional education or experience in medical transcription experience preferred; knowledge of medical terminology.

Graduate Student Coordinator
95036.- Biology and Biomedical Sciences. Requirements: High school graduate or equivalent, some college preferred, some college preferred with three to five years related experience; ability to work in computer environment; personal computer or Macintosh experience; typing 50 wpm; verbal and written communication skills.

Clinical Lab Assistant
95009.- Lab. Schedule: Part-time, 16 hours per week, 11:30 a.m.-7:30 a.m. Fridays and Saturdays. Requirements: High school graduate or equivalent; two years related experience; data experience; familiarity with medical terminology; typing 50 wpm.

Administrative Secretary
95006.- Office of the Dean. Requirements: High school graduate or equivalent, two years of college preferred with three to five years related experience; ability to function in computer environment; typing 50 wpm; verbal and written communication skills.

Administrative Coordinator-Accounting
950073.- 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 dedica-

Piper co-chaired the school's Capital Gifts Committee during Washington University's Spreadsheet AALLiance campaign, which ended in 1987. More recently, she was a member of the Capital Gifts Committee from 1998 to 1992. She also has served as chair of the Board of Directors for the Lilly Field 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 the Newman Center. The Pipers have been involved in many key activities at the School of Medicine and were awarded the Olin School's Dean's Medal in 1990.