Event brings scientists, journalists together

More than 120 science writers, scientists and science journalists from across America and throughout the world are attending the 31st Annual New Horizons in Science Briefing from Oct. 31 through Nov. 4 on campus, at the Ritz-Carlton Hotel in Clayton and at the St. Louis Science Center.

Washington University is the host for the event, which is an ongoing program of the Council for the Advancement of Science Writing Inc. (CASW). The council is a New York-based, non-profit educational corporation run by distinguished journalists and scientists to increase public understanding of science.

The annual briefing helps enhance the quality of medical and science reporting and improve the relationship between scientists and the press. The purpose of the briefing is to keep scientists and science communicators educated about science and medical topics that will be newsworthy in the near future.

Chancellor William H. Danforth said he is pleased that Washington University is hosting the event. " Writers from around the world will have an opportunity to hear from some of Washington University's most distinguished faculty. CASW is a vital force in fostering accurate and timely writing about science, technology and medical topics," he said.

Award-winning science reporters from the Wall Street Journal, Newsday, Dallas Morning News, Houston Chronicle, The Christian Science Monitor, Popular Science, Time, Science, St. Louis Post-Dispatch and the national bureau of the Associated Press, among others, are mingling with some of the nation's top free-lance writers, authors and public information specialists from universities and prominent laboratories. Scientists from every geographical area of the United States are represented. Reporters this year have come from as far away as Sweden to attend. Writings from the American Medical Association and the American Chemical Society, the largest science organizations in the world, are in attendance. Stories are filed on-the-spot, interviews are conducted between sessions, and notes and manuscripts are kept for future reference. The New Horizons effort to bring journalists and scientists together.

The event has been hosted every fall since 1963 at a different university across the United States.

Conference explores race and science

The connection between race and science is the focus of a briefing to be held Nov. 11-12 in the Women's Building formal lounge.

The conference, which is open to the public, is being organized on blacks and race. There is no registration fee. The event opens at 1 p.m. Thursday, Nov. 11, with a keynote address by Shirley M. Malcolm, head of the American Association for the Advancement of Science's (AAAS) Directorate for Education and Human Resources Programs. The directorate includes AAAS programs in educational activities for underrepresented groups and public understanding of science and technology.

Other prominent scholars who will deliver papers during the conference include internationally renowned geneticist Mary-Claire King of the University of California, Berkeley; Richard C. Lewontin, Alexander Agassiz Professor of Zoology and professor of biology at Harvard University; Kenneth R. Manning, Thomas Meloy Professor of Rhetoric and of the History of Science at the Massachusetts Institute of Technology; Luther Williams, assistant director of the National Science Foundation; and Willie Pearson Jr., professor of sociology at Wake Forest University in Winston-Salem, N.C.

The conference is sponsored by the University's American Culture Studies Institute and African and Afro-American Studies Program (AFAS) and the Missouri Botanical Garden. The National Science Foundation awarded AFAS a grant to support the conference.

"The conference is significant because historically, race and science have been intertwined," said Gerald Farley, Ph.D., professor of English and director of the African and Afro-American Studies Program. "The conference will provide a perspective about the connection between race and science. We also will examine the background and information to journalists so they will write more informed stories on topics of growing concern."

"Our role is to give intellectual background and information to journalists so they will write more informed stories on topics of growing concern," says Ben Patruky, CASW executive director and free-lance writer from New York City. "CASW is very careful in selecting journalists and scientists to increase public understanding of science. The annual briefing helps enhance the quality of medical and science reporting and improve the relationship between scientists and the press. The purpose of the briefing is to keep scientists and science communicators educated about science and medical topics that will be newsworthy in the near future."

Chancellor William H. Danforth said he is pleased that Washington University is hosting the event. "Writers from around the world will have an opportunity to hear from some of Washington University's most distinguished faculty. CASW is a vital force in fostering accurate and timely writing about science, technology and medical topics," he said.

"The New Horizons Briefing is a moveable intellectual feast that presents an eclectic smorgasbord of science," says Patruky. "We will write more informed stories on topics of growing concern."
bikes patrol officers, from left, Rob Wilder, David Goodwin and Joe Schilling ride on Clayton Avenue. On a typical night, the officers log 15 to 20 miles on their bicycles.

Bike patrol’s presence protects medical center after hours

S
ome nights their job is exciting, and other nights it borders on the monotonous and mundane. But the officers in the medical center’s new Security Bike Patrol consistently get job satisfaction knowing their mere presence deters crime and trespassing on the medical center campus and increases the safety of employees and visitors.

From 6 p.m. to 2 a.m. seven days a week, they patrol the 16-block area of the medical center. Each bike patrol officer takes two to four square blocks and is responsible for riding within this area and checking the garages, parking lots and buildings exteriors for the eight-hour shift. The officers also respond to calls from the in-house security departments in the medical center.

“Generally, we’re just out here visually trying to deter crime in the first place,” says Eric Lambing, a patrol officer. “Nobody is out looking for a big arrest or anything like that.” Lambing emphasizes that the patrol’s highest priority is to protect the people who work at the medical center as well as their personal property and the property of the school and hospitals.

David Thompson, manager of Protective Services at the medical school, says the bike patrol was started as part of an overall security plan developed in 1992 by the Washington University Security Council. The council is made up of security directors from the School of Medicine and St. Louis Children’s and Barnes and Jewish hospitals. “The early results of the bike patrol are that it has been very effective,” says Thompson.

The officers are looking for suspicious people, cars that have been tampered with and anything else out of the ordinary. Since July, when the nine-person bike patrol started riding, they have broken up a youth disturbance, made a few arrests for trespassing, assisted the St. Louis Metropolitan Police Department (SLMPD) in pursuits and arrests and answered various other calls. There are very few violent crimes in the medical center vicinity, and members of the bike patrol would like there to be even fewer such incidents.

On a typical night, the officers ride 15 to 20 miles on their bicycles. Although they may meet up with each other during the evening or answer a call on the radio from a colleague, it is a job for someone who does not mind being alone. Patrolling the area solo at 1 a.m. is a little eerie, Lambing says. Nevertheless, the officers appear to enjoy their jobs. Coming from backgrounds ranging from military police to city police to county police, they say they like being out, getting exercise and meeting the wide range of people they encounter while on patrol.

“It’s fun, and I enjoy coming to work,” says Lambing. “It’s a good career. I get out here and hopefully I’m helping somebody or keeping a crime from happening.”

Having a bike patrol is a relatively new idea in law enforcement or security, says Oliver Helbig, coordinator. The idea started with the city police in Seattle. Today, the SLMPD has a bike patrol, and a few municipalities in and around St. Louis have one or two people riding bikes for part of their shifts.

This bike patrol at the medical center is a private security unit. The officers are individually hired by the medical school, St. Louis Children’s and Barnes and Jewish hospitals. These officers do not have legal jurisdiction over the streets of St. Louis, so they are solely responsible for medical center property. Because the SLMPD has had a decrease in manpower over the last five years, the bike patrol has taken up some of the slack in the area, says Helbig. He says the bike patrol gets some calls the SLMPD used to receive, and the cyclists always are able to reach the scene before the police arrive.

Lambing says one of the reasons he became a bike officer is because it is on the cutting edge of law enforcement. The hours could be better, he admits, since working nights cuts into his social life. But he and the other officers have their own after-work social hour. They often lift weights for an hour or so at the weight room in Olin Residence Hall, which is open all night. Lambing points out their social options are limited. “There is not a lot you can do when you get off at 2 in the morning,” he says. — Diane Duke

Volunteers are needed for study of manic depressive illness and substance abuse in teens

Researchers at Washington University School of Medicine are seeking volunteers for a study involving a new treatment for children who are both manic depressive and substance abusers.

Barbara Geller, M.D., professor of child psychiatry at the School of Medicine, is evaluating the effectiveness of the drug lithium combined with family therapy in 12- to 18-year-olds who abuse alcohol or drugs and also suffer from bipolar disorder (manic depression).

Studies in adults have shown that lithium and therapy are not effective, but Geller says preliminary results of their effectiveness in children are promising. “We believe that if we can get adolescents before they’ve lost their jobs, been in broken marriages, or been expelled from school, perhaps we might be able to head off the long-term consequences,” she says.

Addiction is the most common complication of bipolar disorder. It could begin, Geller says, as an attempt to escape from mood swings, but alcohol and drug abuse soon heighten the problems caused by the manic depression.

Children with these problems are often hard to diagnose, according to Geller. She advises parents and teachers to look for warning signs such as stealing, skipping school, mood swings and alcohol missing from the house.

“We’re hoping that people will be more cognizant of the problems early on so that we can identify and begin to treat the children sooner,” Geller says. Patients in the study receive free medication and weekly counseling from the Childhood Affictive Disorders Program at Washington University School of Medicine. The study consists of six weeks of drug therapy, 12 weeks of counseling and follow-up as needed. For more information, call 362-7365.

Gilia named chief of musculoskeletal imaging section

L ouis A. Gilula, M.D., professor of radiology, has been named chief of the musculoskeletal imaging section at Washington University’s Mallinckrodt Institute of Radiology.

Gilula assumes this position after serving 18 years as co-chief of the section with W. David Oliver, M.D. Murray. Gilula left the University in August to head the diagnostic imaging division at the University of Texas M. D. Anderson Cancer Center.

Gilula is well known as an expert in wrist imaging. His research focuses on evaluation of the wrist for diagnosing wrist pain and for determining patient outcome. Since coming to Washington University in 1973 as an instructor of radiology, he has published 146 scientific papers and invited papers about musculoskeletal imaging. In addition, he is the author of the book entitled The Transmized Hand and Wrist, Radiographic and Anatoimic Correlation, and has contributed to 15 other books.

As an active member of numerous professional organizations, including the Radiological Society of North America, the American College of Radiology and the International Skeletal Society, he has helped organize three to 15 meetings, workshops and refresher courses. He also has been the keynote speaker at several international symposia and has served as co-organizer for the annual International Wrist Investigators workshop since 1987. Gilula is active in several local organizations, such as the St. Louis Medical Society and the St. Louis Society of Radiology. At the medical center, he has directed the radiology fellowship program at Mallinckrodt Institute since 1975.

He holds editorial responsibilities with a number of scientific journals, including the Orthopaedic Review Journal, the European Journal of Radiology and the Journal of Bone and Joint Surgery. In 1982, he received the honor of being named a fellow of the American College of Radiology.
Dotty Jo Watson, Ph.D., professor of anthropology, grew up wanting to be a cowboy, or an Indian, or, she says, preferably both. But after a year at the outdoors eventually led her instead to crawl in caves, dig in pits and sift through dirt looking for clues to how ancient humans, including Native Americans, lived.

Watson, who joined Washington University in 1969 as an assistant professor, has spent most of her 40-year career focusing on the origins of plant domestication, looking for evidence of farming in the Near East — Iraq, Iran and Turkey — and then in North America. Her contributions to the field earned her the title of senior research associate and a position as a cabinet officer in the National Academy of Sciences. Two of her books on archaeological theory, Explanation in Archaeology: An Explicitly Scientific Approach (1971) and Archaeological Explanation: The Scientific Methodology of Archaeology (1985) advocate this approach, now widely accepted by archaeologists.

Watson is also widely recognized as a pioneer in conducting research on gender with implications to aid understand- ing how men and women differ in the way they live. Her first book, Men and Women in Archaeology, was published in 1970. She was particularly interested in the Near East — Iraq, Iran and Turkey — and then in North America. Her contributions to the field earned her the title of senior research associate and a position as a cabinet officer in the National Academy of Sciences. Two of her books on archaeological theory, Explanation in Archaeology: An Explicitly Scientific Approach (1971) and Archaeological Explanation: The Scientific Methodology of Archaeology (1985) advocate this approach, now widely accepted by archaeologists.

Watson has championed the use of scientific theory in archaeology. In a concept that revolutionized the field of archaeology, Watson suggested that hypotheses can be developed and tested. In her book, Archaeological Explanation: An Explicitly Scientific Approach, she argued that archaeology should be based on scientific theory, not just on the findings of individual excavations.

In 1963 Watson turned her attention to North America, focusing on the Salt's Cave in Flint Ridge Cave System, Monticello Cave National Park in Kentucky, where she concentrated on documenting prehistoric cave habitation and the origins of plant domestication. With almost her constant friendship and research techniques, the National Academy of Sciences' Committee on Scholarly Communication withLatin America has sponsored a symposium on the latest developments in North American archaeology. Watson is quick to note the highly developed skills of North American archaeologists, including detailing their findings on pottery types and stratigraphy. However, she notes, they have not traditionally concentrated on retrieval of organic material, such as animal bones and plant remains, which could provide insights into the diet and health of ancient peoples. Many are still working on techniques to improve their understanding of these materials.

Watson is also interested in involving the teaching of the next generation of archaeologists here at Washington. Former students continue to appreciate her guidance.

"As far as I'm concerned, Patty Jo walks on water," says Ken Carstens, a former student and now professor of anthropology at Murray State University. "She is a phenomenally talented teacher. She has the patience of Job and can take a person who isn't a scholar and turn them into one."

Her former student Fuller adds, "Pat is very serious about the success of people that have come to work with her."

Watson has high expectations of students but she also helps them at every opportunity. "Ideally (the teacher-student) relationship should be a reciprocal kind of relationship rather than patron-client," says Watson. "The whole work should benefit both parties rather than just provide the professor with a captive labor force."

"As long as you worked your butt off she kept you under her wing," says Carstens. "She pointed us in the right direction, put me in contact with other leaders in the field, guided me while standing back far enough to let me make my own mistakes and even taught me a discipline of grants so I would be ready for the real world. She basically paved every road that needed to be paved."

Carstens also feels indebted to Watson for her level-headedness. Last August, Carstens was one of several archaeologists and cavers who were assisting a film crew from WGBH Boston taping a documentary on Watson for"Life of a Child," scheduled for fall 1994. Carstens, who was hypoglycemic, went into insulin shock and then hypothermia and severe dehydration and one-half miles inside the cave. If left untreated, Carstens was in danger of going into a coma and, perhaps, dying.

Watson responded to the emergency in her typical, effi- cient way, says Carstens. "She knew what role she had to play and what had to be done. She got me comfortable, made sure I was warm and I had water. Then she went to the appropriate rescue organization, knew what to tell them." Watson's rescue effort required three or four grueling trips in and out of the cave. In addition to teaching, excavating and writing about her field, Watson is very interested in people of different cultural backgrounds and has been a leader in training archaeologists. She is currently working to recruit American Indian students.

Also, Watson has paid special attention to including foreign students in the program. These students typically return to their home countries to teach and we are proud to have them learn North American methodology, not just the techniques," notes Fuller. "That includes making sure that people from different ethnic groups and geographic locations are trained as archaeologists. She is currently working to recruit American Indian students."

"I was one of the first women to be hired as an archaeologist in Washington State. I was told by the head of the anthropology department that I was not going to be able to survive in the field," says Watson.

"When I got to Chicago I was doing North American Indian archaeology," Watson remembers. "But then I found that archaeology in the Roberts laboratory was doing field research in an incredibly romantic setting... I met part of the world, Iraq, Kurdistan, working for the first time with domestic plants and animals. It was wonderfully exciting work and I fell right into that."

Watson worked in the Near East on three separate occasions — in 1955, 1959 and 1970. On her second trip she carried out the first comprehensive study of a contemporary community in the research tradition and gathered archaeological evidence from the same region (or site), a practice now called ethnoarchaeology.

Michael J. Fuller, professor of anthropology at Florida State University, notes that she was one of the pioneers of ethnoarchaeology. She was one of the first to live long enough in a village to understand everything from its architecture to its cooking and its kinship structure."

In 1963 Watson turned her attention to North America, focusing on the Salt's Cave in Flint Ridge Cave System, Monticello Cave National Park in Kentucky, where she concentrated on documenting prehistoric cave habitation and the origins of plant domestication. With almost constant temperature and humidity, as well as protection against weathering, the cave system is well suited for pre- serving artifacts and botanical material. Using the textiles, vegetable remains, charred food vessels, human bones and other items left in the caves, she has reconstructed the lives of the prehistoric people who lived in this region of North America's eastern woodlands.

Watson's cave research has been published in numerous articles and two well-known books, The Prehistory of Salt's Cave, Kentucky and Archaeology of the Mammoth Cave Area. In addition to her work in Kentucky, Watson has been called in on other major projects. At a recent archaeological conference, Watson and co-author Cyndi Mosch revealed findings about a man who died 8,000 years ago in a Colorado cave. These are the oldest human remains discovered about 10,000 feet, Watson says this is the only known example in the world of a human found in a cave at that elevation.

A second project takes Watson much further afield — to China. In collaboration with Robert Thorp, Ph.D., chair of the Department of Art History and Archaeology and professor of art history, she has been one of the first foreigners to participate in an archaeological excavation since 1949. Because outside contact has been limited, Chinese archaeologists do not know about many of the latest excavations and research techniques. The National Academy of Sciences' Committee on Scholarly Communication with Latin America has sponsored this study.

In addition to teaching and excavating and writing about her field, Watson is very interested in people from different ethnic groups and geographic locations, helping to educate future archaeologists in scientific approaches to the past.

Dolly A:ntso
Films

Thursday, Nov. 4
7 and 9 p.m. Filmboard Foreign Series.
"Gold of Naples," in Italian with English subtitles.
Room 100 Brown Hall. Cost: $3.

Friday, Nov. 5
7 and 9:30 p.m. Filmboard Feature Series.
"Reservoir Dogs." (Also Nov. 13, same and 9:30 p.m. Filmboard Feature Series.)

Friday, Nov. 12
9:15 a.m. Pediatric Grand Rounds.
"Siring Problems of Blood clotting Factors," Robert J. Fallon, ass. prof. of pediatrics, cell biology and physiology, Divison of Hematology, Children's Hospital, 300 Longfellow Ave., 4590 Children's Plaza.

Friday, Nov. 19
4 p.m. David R. Calhoun Jr. Memorial Lecture.
"Japan in Transition: A New Paradigm for Japan?" Hisayoshi Kobayashi, chairman and chief executive officer, Fuj Xerox Co. Ltd. Sponsored by John M. Olla School of Business and the Committee on Comparative Literature.

Miscellany

Nov. 4-13

Lectures

Thursday, Nov. 4
4 p.m. Edward G. Weinbell Assembly Series lecture.
"Family Values? Women, Asceti-
cism, and Art," by Elizabeth A. Clark, John Carlisle Kilgo Professor of Religion and Christian Ethics, Yale Divinity School, New Haven, Conn.
4:15 p.m. Philosophy colloquium.
"Neural Control of Behavior From a Functional Perspective: Spinal Cord Circuits That Select and Generate the Forms of a Task and Their Implications," Paul Stein, prof. of biology, Hurst Lounge, Room 201 Duncarker Hall.
4:30 p.m. Math colloquium.
Aimo Huuskonen, prof. of math, U. of Illinois, Urbana. Lecture Hall.

Friday, Nov. 5

Friday, Nov. 12

Performances

Friday, Nov. 5
8 p.m. Performing Arts Dept. production of "Mame," a musical comedy inspired by the general public; $5 for senior citizens and WU faculty and staff; and $5 for students.

Friday, Nov. 12
9:15 a.m. Pediatric Grand Rounds.
"Early Intervention for Low Birth Weight Infants," Maureen M.CGSize, rehabi-
litation supervisor, Children's Hospital.

Friday, Nov. 19
4:30 p.m. Second Annual Commonwealth Center for the Study of American Business.
"The Classical Physics lecture.
"Predicting Some of the consequences of Structural Control Regulations," B. F. Spencer Jr., assoc. prof. of civil engineering, Dept. of Civil Engineering, University of Notre Dame, South Bend, Ind. Room 216 Urbauer Hall.

"Reliability of Imaging Techniques and Analytical Approaches to Measuring the Efficacy of Drug Intake," Jeffrey Skolnick, prof. of radiology and radiological sciences, U. of California, Los Angeles. Room 162 McKinley Hall.


"Robustness," B. F. Spencer Jr., assoc. prof. of civil engineering, Department of Civil Engineering, University of Notre Dame, South Bend, Ind. Room 216 Urbauer Hall.


"Regulation for senior citizens and WU faculty and staff; and $5 for students.


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Astronomy and the Geiatric Patient (Continues through Nov. 14) Marriott Pavilion Hotel. For cost and registration info., call 362-6893.

8 a.m. School of Continuing Medical Education seminar: "Innovations in Oral Cancer Cervix" (Continues through Nov. 13) Adam's Mark Hotel. For cost and registration info., call 362-6893.


Calendar guidelines
Events sponsored by the University — its departments, schools, centers, organizations, and its representatives. Program descriptions are published in the Calendar. All events are free 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 The Monitor at Box 1070 (or via e-mail: 935-4259). Submission forms are available by calling 935-4250.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Calendar is published 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 935-4026.

Thursday, Nov. 11
1-5 p.m. Race and Science Conference. (Continues through Nov. 12, 8:30 a.m.-4:00 p.m.) Light lunch will be provided. For more information, call 935-5910.

Monday, Nov. 8
6:30 p.m. Society of Presidents Emeritui annual dinner and program. Program features a string quartet from the Dept. of Music. Whittome House. Cost: $20 per person. Reservations, not for announce ment in the mail.

Football
Last Week: Washington 9, Principia 33
This Week: vs. Colorado College, 1:30 p.m. (4:30 p.m. at Specord Field).
Current Record: 6-3
Washington secured its third winning season since 1990 with a 49-33 victory at Principia. The Bears extended their winning streak to 12 games against college Competition in school history with a 290-yard effort on 23 carries. Senior quarterback Aaron Kem, Cherryville, N.C., and junior running back Conner, quad, both contributed three touchdowns, two to senior receiver Ted Gregory, Elders, N.Y.

Women's Volleyball
Last Week: Washington 3 (15, 8, 15), Rochester 0 (15,15, 11, 15); Washington 3 (14, 8, 9, 15), Elmhurst 1 (15, 8, 15, 15), Washington 3 (15, 15, 15, 15), Rochester 0 (2, 6, 15). Washington 3 (15, 15, 15), Chicago 0 (2, 12, 10)
This Week: vs. St. Francis, Fri. Nov. 6, Lebanon, Ill.; vs. McKendree, Sat. Nov. 7, Lebanon, Ill.
Current Record: 38-1
The Bears traveled to Rochester, N.Y., and came home with their fifth consecutive University Athletic Association championship. The Bears extended their 29-game winning streak to 39 matches and their season winning string to 21. The top three members were recognized with All-UAA honors, including junior Amy Albers, Washington, Mo., who was named to the all-league’s most valuable player. Joining Albers on the all-Aassoc. first-team were seniors Amy Sullivan, St. Louis, and Leslie Caffin, Lawrence, Kan., and junior Anne Quaas, Springfield, Ill., on the honorable mention squad. Sophomores Niki Giffin, Rolla, N.Y., in, to the second team, and Angie Sullage, St. Louis, and Christine Maesel, Raytown, Mo., to the honorable mention team. For the second consecutive year, Tony Creamer and Joe Worland were voted by their peers as UAA Coaching Staff of the Year.

Men's Soccer
Last Week: Washington 5, Case Western Reserve 0
This Week: NCAA South Central Regional: vs. Wisconsin-Oshkosh, 11 a.m. Friday, Nov. 5, Wheaton, Ill.

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The School of Architecture will host the Mayors' Institute on City Design May 10-11, in St. Louis.

The institute, which is sponsored by the National Endowment for the Arts (NEA) and the Urban Design Partnership, provides a forum for mayors and other local leaders to meet with architects and designers to discuss all aspects of city design. Themes include infrastructure, historic preservation, growth planning and management, and urban design and development.

The keynote lecture will be held at 8 p.m. Thursday, Nov. 11, by John Norquist, mayor of Milwaukee, Wis., in Steinberg Hall auditorium, the free and open to the public.

The Mayors' Nation's Mayors' Institute on City Design program is made possible by the NEA in partnership with the University of Virginia's School of Architecture, the Jeffersonian Institute and the U.S. Conference of Mayors. In 1990 four regional institutes were established at universities nationwide. Washington University's University Research and Design Center is hosting the Midwest institute. The institute runs for three years. Each year mayors from different American cities, including St. Louis, will attend.

Each institute brings together a group of mayors and other local leaders to discuss city design topics and solutions and to develop strategies for participating mayors. More than 100 mayors have attended the various institutes since the program's inception.

The design professionals are a diverse group, including architects, landscape architects, urban designers, planners, and urban planning professionals.

Members of the advisory committee, which helped form the program, is comprised of the Institute of Classical Architecture, School of Architecture; former St. Louis Mayor James S. Conway; Foster Care President and administrator, and Elizabeth Falletta, program coordinator.

Fuji Xerox chairman and CEO to speak

Fuji Xerox was established in 1962 as a joint venture between Fuji Photo Film Co. Ltd. and Xerox Corp. The company has maintained leadership as a manufacturer and marketer of xerographic copy machines. Despite stiff competition from rival Canon and Ricoh, the younger Fuji Xerox has equipped itself into a supplier of integrated electronic and multimedia documentation systems, going beyond paper to include computer and telephone systems.

The company has trans formed itself into a supplier of integrated documentation systems, going beyond paper to include computer and telephone systems at the University of Minnesota; Annette Hoal, urban designer and a student in architecture. Other Washington University other members of the 1990-1991 class, which included an architect and a graduate student in architecture. Other Washington University other members of the 1990-1991 class, which included an architect and a graduate student in architecture.

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School of Architecture to host forum on city design for mayors
Ph.D., assistant professor, behavioral geneticist Jerry Hirsch of the minism — The Case of Eugenics" at a
Speaking of director of rush counse-
Lynne Lee,
Michelle Franco,
Lynne Tapper,
vice president,
Place honors in the National Panhellenic
poster with Bashkin and Sampath. 
second Resonance Raman Study
of Speech and Hearing at the Central
titled "Emotion and Meaning" at the
Distinguished University Professor in the
Art Review" during the Acoustical
"Vibration and Acoustic Monitoring
William Palm Professor of Mechanical
symposium honored the retirement of
Garland E. Allen,
association's adviser.
Cathy Earley,
secretary; and
McCarthy,
Elaine Leo,
treasurer;
Jennifer
Kimberly Green,
tour;
Kristina Gobel,
Mandee Rosier,
Public Relations Award. The conference is
(WPA), which comprises members of the
"Sequence-specific Cleavage of RNA by
research associate in chemistry, presented
Ph.D., a
professor of chemistry. At the same
James K. Bashkin,
with
Ph.D., assistant
He co-authored and presented the poster
"cal Synthesis of Building Blocks for
chemistry. At the same
Richard Sandell,
Ph.D., associate
dean of the John M. Olle School of
Business and director of executive pro-
grams, and Penny Adams, associate
director of executive programs, presented
workshops on operational issues during a
conference in Mexico City co-sponsored by
the American Association of College
Schools of Business and the Executive
MBIA Council, an international associa-
The conference on "The Challenge of
Educating International Managers: An
Immersion Program" included meetings with
prominent government and business
Leaders in Mexico.
Stephan K. Schindler, Ph.D., assis-
tant professor of Germanic languages and
literatures, presented a paper on "Der
Skandal der DDR-Literatur ist Seine
Skandalöse Lehre" (The scandal of
GDR-Literature is the West-German
Reader) during the German Studies
Association's annual convention held in
Washington, D.C. 
Michael Valente, Ph.D., associate
professor of otolaryngology (audiology),
delivered a presentation on "Program-
ming Hearing Aids: Bases to Consider
Before Dispensing" at the University of
California, San Francisco. He also pre-
presented "Experiences With Digitally
Programmable Hearing Aids" and "Fitting
Strategies for Unilateral Hearing Loss"
der the Kansas Speech-Language-
Hearing Association's annual convention
held in Wichita, Kan.
On assignment
Enola Proctor, Ph.D., professor of social
work and chair of the doctoral program,
was elected to a two-year term as chair-
man of the Group on Advancement of
Doctoral Education (GADE) during the
organization's 1993 annual meeting held in
St. Louis. The group comprises chair-
persons of social work doctoral programs
at universities in the United States,
Canada, and Israel.
Theodore Reich, M.D., Samuel and
Mae S. Ludwig Professor of Psychiatry,
served as chairman of the 1993 World
Congress on Psychiatric Genetics, which
was held in New Orleans. More than 400
scientists from around the world attended
the event, which was sponsored by the
International Society of Psychiatric
Genetics.

To press
Maxine L. Leples, J.D., professor (part
time) of environmental regulation and policy,
co-authored an environmental law
casebook published by Anderson
Publishing of Cincinnati. The casebook,
titled Water Pollution, has been adopted for
use by Yale Law School. Leples wrote the
casebook with Jackson B.
Battle, who practices and teaches law in
Texas. Water Pollution is the second in
Anderson's four-volume casebook series on environmental law.
Murray L. Wax, Ph.D., professor emeritus of anthropology, published an
article titled "How Culture Misdirects
Multiculturalism" in a 1993 issue of the
Anthropology & Education Quarterly
journal.

Guidelines for submitting copy:
Send your full name, complete title, depart-
ment, phone number and highest-earned
degree, along with a typed description of your
noteworthy activity to For The Record
at Carolyn Sanford, Campus Box 1070.
There must not exceed 75 words. For infor-
mation, call Sanford at 935-5293.

A painting by philosophy professor Lucian W. Krukowski was installed on the eastern wall of the South Brookings
dining hall. Krukowski, (bottom, far right) donated the 1975 painting, "Consolations of Philosophy," to the University. He
recently donated his 1978 painting titled "Complex I," which hangs on the opposite wall.

New members sought to join Woman's Club
N ewcomers to the Washington University
community are invited to join The
Woman's Club, a social organization
that sponsors cultural and educational
activities. The annual dues are $5 for first-
time members (even if not new to the
University), and $10 every year thereafter.
The club was founded in 1910 to pro-
mote friendships, provide a forum for
growth and welcome women to the campus
Physical Education. Each year the club sponsors an
Assembly Series lecture and endows a
Scholarship for women who are changing
interest and morality, as understood in a unique Chinese consciousness that had been
in" something familiar — instead of seeing what is really
seeks to avoid the risk of distortion caused by "reading
The Chinese ideal society was a balance of power,
the Chinese ideal society was a balance of power,
seen as a metaphor that human society are made possible by the shared

C. Northrop, Dorsey argues that the cooperative activities

mural paintings of Chinese culture. (Transaction Publishers:
C. E.) until the present century, the Chinese ideal society was a balance of power,

J.S.D., Charles Nagel Professor
Emeritus of Anthropology, published an
article titled "How Culture Misdirects
Multiculturalism" in a 1993 issue of the
Anthropology & Education Quarterly
journal.

Agriculture: China is the third of a definitive eight-
volume work to study the organization and regulation of society. Gray L. Dorsey, J.S.D., Charles Nagel Profes-
Emeritus of Anthropology and International Law,
went the book and, as in previous volumes, attempts to understand another people, society and civilization, in rela-
tion to practice and humanity. The author
seeks to avoid the risk of distortion caused by "reading
in" something familiar — instead of seeing what is really

building on the anthropological discoveries of this century and the
monumental work of Joseph Needham on Chinese science. (Transaction Publishers:
New Brunswick, N.J., and London)
**Opportunities & Personnel**

**Hilltop Campus**

The following is a list of positions available on the Hilltop Campus. Information regarding the number of positions is available at the Office of Human Resources; Room 126 North Brookings Hall, or by calling 935-3990.

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**Assistant Accountant**

Requirements: College degree in accounting. Requirements: 18 hours of college business courses, including six hours of accounting. Must be trained to be used as a mainframe computer, using financial on-line processing (FIS, SIS, ELIG, FOCUS); ability to use personal computer, including spreadsheet software (WordPerfect); confidence in verbal ability; ability to deal effectively with University personnel... typing 45 wpm with accuracy. Clerical tests and three letters of recommendation required.

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**Receptionist/Data Entry Clerk**

Requirements: High school graduate, some college preferred; ability to type 90 wpm: ability to work daily with public, students, faculty, and staff; typing 40 wpm with accuracy. Clerical tests and three letters of recommendation required.

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**Word Processing Operator, Part-time**

Requirements: Either high school graduate or equivalent, one year of college, two years general office experience, good oral and written communication skills. Resume and three letters of recommendation required.

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**Systems Administrator**

940096. University Registrar: Requirements: Bachelor's degree; experience in computer science; strong typing skills. Resume and three letters of recommendation required.

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**Department Secretary**

940105. Merchandise Catalog: Requirements: Bachelor's degree, some college preferred; strong command of the English language; ability to deal with multiple priorities with minimal supervision; typing 40 wpm with accuracy. Overnights, including nights, weekends, etc., is essential, as is a good personality and good judgment. Resume and three letters of recommendation required.

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**Administrative Secretary**

940110. Graduate School of Arts and Sciences. Requirements: High school graduate, some college preferred; provide general secretarial support to associate dean and to the coordinator of graduate student affairs and services; must be flexible (ability to change or do two or more projects at one time); must enjoy working in a public contact area; typing 50 wpm with accuracy. Clerical tests and three letters of recommendation required.

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**Programmer/Analyst I**

940101. Computing and Communications Center: Responsibilities: Certificate or associate's degree; knowledge and experience with microcomputers; ability to learn quickly; excellent organizational and communications skills. Resume and three letters of recommendation required.

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**Programmer/Analyst III**

940107. Computing and Communications: Requirements: Bachelor's degree; good language and people skills; ability to work with written material; ability to learn quickly and adapt to new circumstances; experience with use and management of desktop computers; knowledge of data base technology in a client/server environment highly desirable; high scores on BLOS, DOS, 815 a.m.-p.m., Windows systems; knowledge of Novell, AppleTalk, Windows and TCP/IP networking highly desired. Resume and three letters of recommendation required.

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**Associate Director of CAIT**

940110. Center for the Application of Information Technology (CAIT). Requirements: Bachelor's degree; a pertinent degree in a pertinent field of engineering, business, information systems, finance, an advanced degree preferred; excellent communication skills; excellent marketing, general management and financial management skills; a minimum of ten years of applicable work experience with a component of the work experience as a component of the work experience; teaching experience is subject to review based on other attributes; ability to plan, organize and lead special projects. Resume and three letters of recommendation required.

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**Facilities Manager**

940112. Gallery of Art: Requirements: Bachelor's degree; experience handling works of art; ability to work with hand tools; power tools; trustworthy, experienced, able to supervise students. Resume and three letters of recommendation required.

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**Curator**

940113. Gallery of Art: Requirements: Master's degree in art history or master's in art history with emphasis on 19th and 20th-century European and American art; museum or gallery experience; strong presentation skills; ability to work with multiple priorities; typing 50 wpm with accuracy. Clerical tests and three letters of recommendation required.

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**Director of Major Events and Special Projects**

940114. Public Affairs: Requirements: Bachelor's degree; five years experience in public relations; three years of event planning; able to work evenings and weekends; experience managing employees or peers, other managers, students and faculty. This is a 10-month position. Resume and three letters of recommendation required.

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**Department Secretary**

940115. Major Gifts and Capital Projects: Requirements: Associate's degree or equivalent; two years experience in secretarial responsibilities; business training; detail oriented; three years general office experience; good communication skills; ability to work with multiple priorities; mature; well-groomed; must have a pleasant personality; ability to work well with and relate easily to people; sensitivity to the needs and mission of Washington University and higher education; willingness to learn. Clerical testing and three letters of recommendation required.

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**Medical Campus**

The following is a partial list of positions available at the School of Medicine. Employees who are interested in submitting a resume should contact the Human Resources Department of the medical school at 362-4920 to request an application. Also, contact the School of Medicine at (314) 747-3915 for information regarding applications.

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**Secretary III**

940222-R. Radiology: Requirements: High school graduate or equivalent with post-high school training; emphasis on administration, secretarial sciences, language arts, planning and organization. Certificates in secretarial science and computer sciences are desirable; strong typing; ability to type 50 wpm; ability to type 20-lb. bonds. Resume and three letters of recommendation required.

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**Secretary I**

940230. Transportation. Schedule: Part-time, 20 hours per week, usually 9 a.m.-1 p.m. or 1 p.m.-5:30 p.m. as needed. Requirements: High school graduate or equivalent; good communication and excellent recordkeeping skills; must have WordPerfect and spreadsheet experience; typing 50 wpm. Resume and three letters of recommendation required.

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**Research Patient Coordinator/Professional**

940246-R. Ophthalmology. Requirements: One to two years college or experience in an ophthalmic medical setting; good communication skills; sound knowledge of ophthalmic tests and measures; excellent recordkeeping skills.

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**Clerk Typist I**

940276-R. Student Affairs. Schedule: Part-time, four hours per week, mondays, afternoons, flexible. Requirements: High school graduate or equivalent with a minimum of one year office experience; ability to type 45 wpm; ability to lift 20-lb. boxes.

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**Medical Research Technician**

940307-R. Neurology. Requirements: Bachelor's degree in biology, biochemistry or related sciences; experience in neuroscience preferred.

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**Medical Secretary I**

940308-R. Pediatrics. Schedule: Part-time, 20 hours per week, 8 a.m.-noon Mondays-Fridays. Requirements: High school graduate or equivalent, one year college preferred; good communication skills; familiar with manuscript typing and formatting; typing 60 wpm.

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**Medical Research Technician I**

940311-R. Pediatrics. Requirements: Bachelor's degree in a scientific field with one year experience in a biochemical research laboratory. Will be performing...

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**Impact of black scientists reviewed**

from page 1

The second panel discussion, titled "The History of Blacks in the Growth and Development of Scientific Thinking," will be held at 9 a.m. on Nov. 12 in the Women's Building formal lounge. The panelists will be delivering papers ranging from the role of black colleges in producing black scientists, to the effect of racism on blacks entering scientific fields. Besides Kenneth R. Manning and Willie Patterson Jr., the panelists will be Bernard A. Anderson, a research scientist at the National Institutes of Health; and Michael J. B. Beaudry, a research scientist at Educational Policy Research and Services at Educational Testing Service in Princeton, N.J., and a member of the faculty of the University of Pennsylvania. For more information, call 935-5690.

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**Enrollment**

from page 1

students total 5,119. Evening school undergraduates total 1,108, and evening graduate students total 1,147. Total fall 1993 enrollment for day school undergraduates, graduate and professional training, 3027; evening college, 3034; Business and Arts, 4,304; Business, 1,303; Medical School, 328; Fine Arts, 328; Law, 669; Medicine, 987; and Social Work, 441. Enrollment for students in both undergraduates and graduate programs at all six schools is: University College, 1,203; Engineering, 232; Architecture, 43; and Fine Arts, 328.