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Record

WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 22 No. 2 Sept. 4, 1997

Libraries' administration reorganizes to meet goals

Shirley K. Baker, vice chancellor for information technology and dean of University Libraries, has announced a reorganization of the libraries' senior administration, effective Sept. 1.

As part of the organizational change, Judith Fox, formerly head of Cataloging and Classification Services, has been appointed assistant dean for access and bibliographic description.

B.J. Johnston, formerly head of Collection Development Services, has been appointed assistant dean for collections.

Victoria Witte, formerly head of Reference and Information Services, has been appointed assistant dean for Information Services.

"We have been working for the past two years with an interim structure in the senior administration of the libraries," Baker said. "In light of my dual role as vice chancellor for information technology and dean of the University Libraries, it is now time to implement a more enduring structure that will ensure that all library units receive the level of commitment and support needed."

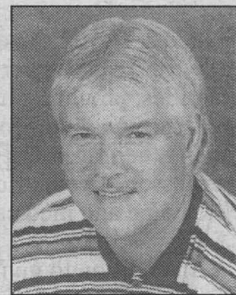
In her new role, Fox will be administratively responsible for the access to and bibliographic processing of all library materials. Fox has been employed at the University Libraries since 1972 and has a bachelor's degree in history from the University of Missouri-St. Louis, a bachelor's degree

in data processing from Washington University, and a master's degree in library science from Indiana University at Bloomington.

She led the libraries' conversion from a card to an on-line catalog and most recently chaired the implementation team for the library's new integrated information system. In previous years, Fox played a key role in adopting On-line Computer Library Center cataloging and in implementing the libraries' first integrated information system.

Johnston holds a bachelor's degree in history and a master's degree in political science, both from Southern Illinois University. He earned a master's degree in library and information science from the University of Illinois at Urbana-Champaign. He joined Washington University Libraries in 1982.

In his new role, he will be responsible for the acquisition, development and preservation of all library collections. Johnston has been a key player in planning and budgeting for the libraries' access to electronic resources while maintaining traditional print-based collections. He chairs the Library Facilities Renovation Committee and coordinated planning efforts for building a library facility at West Campus. Johnston is co-author of *Electronic Resources and*



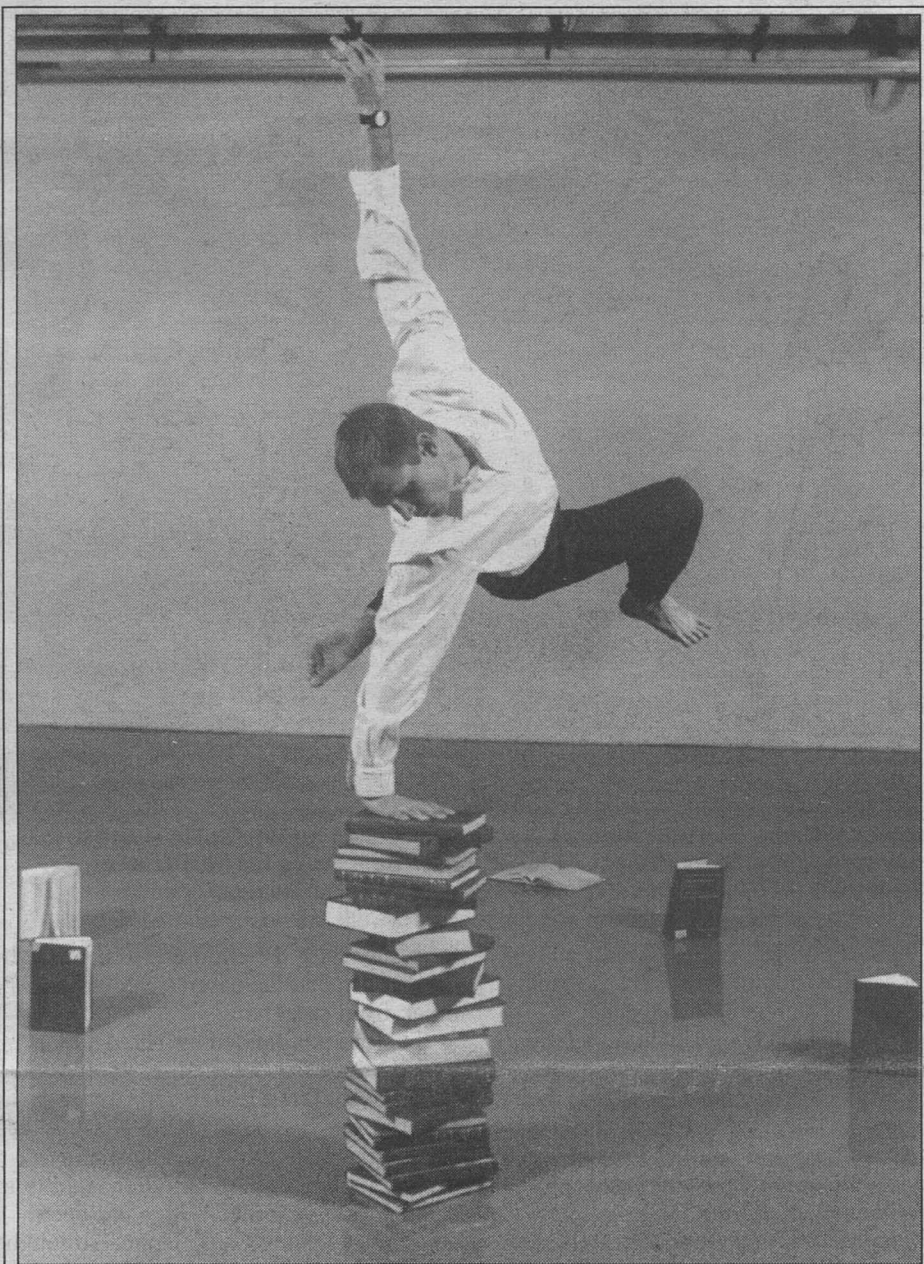
B.J. Johnston



Judith Fox

of Missouri-St. Louis, a bachelor's degree

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DAVID KILPER

David W. Marchant, artist in residence in the Performing Arts Department in Arts and Sciences, is among the dance faculty who will perform in the third annual "Dance Close-Up." The off-Broadway-style showcase runs Sept. 10-13 in the Dance Studio in Mallinckrodt Center. See story on page 4.

New University Temporary Staffing System provides speed, simplicity and cost savings

Reliable temporary staffing for both Hilltop and Medical campuses is now just a phone call away, thanks to a new service offered by the University's Department of General Services.

The University Temporary Staffing System was developed to simplify requests for temporary personnel, to ensure that such requests are filled promptly and with qualified personnel and to guarantee uniformity in standards and policies, said Glen Horton, director of general services.

"Saving costs regarding the purchasing process was one of the

pressing initiatives for both Hilltop and Medical campuses," said Horton. "This new service has the potential to reduce the University's temporary service costs by as much as 15 percent per year."

B. Loehr Temporaries was named the primary vendor for the University Temporary Staffing System and is responsible for accepting and processing all University temporary staffing requests as well as for handling billing procedures.

Four secondary vendors have been subcontracted to work with B. Loehr. Offering general office and labor support are Kelly Services and Manpower, Inc. The two health-care staffing specialists are Brennan Staffing and Olsten Health Services, a division of Olsten Corp.

"We determined a single point of contact, a single agency to call and a single invoice to be generated regardless of who the actual supplier was," said Horton. "This structure will not only reduce the actual cost for the same service provided in the past but also will streamline the operational aspects of the process and improve overall efficiency."

The five temporary staffing vendors noted that their applicants are referenced and screened carefully with tools such as QWIZ, a staffing-industry computer-based standard for testing skills. While all positions will be coordinated and managed by B. Loehr, requests for an individual or company will be honored,

added Horton. The billing rate remains consistent for the same job classifications offered by the five staffing vendors.

The University researched the temporary staffing market four years ago to recommend a handful of best-value temporary staffing companies to departments on the Hilltop Campus. The new service was launched from that effort and now includes the medical classifications of registered and licensed practical nurses as well as medical office support positions.

The temporary staffing service has been approved and endorsed by the Process Improvement Program Committee of the newly formed Faculty Practice Plan, the School of Medicine's initiative to revamp clinical care in order to deliver high-quality, cost-competitive care.

Last year, the University spent more than \$1 million and contracted with 17 different suppliers to temporarily staff positions, Horton said. For the past four years, however, B. Loehr has provided the lion's share of temporary University staffing.

For more information, call Matt Petri in the University's Department of General Services at (314) 935-5661. To request temporary staffing, call B. Loehr at (314) 421-1696. After Sept. 30, the number changes to (314) 567-5250.

— Cynthia Georges

'Site As Context' explores links in art, architecture

From postmodern architects whose buildings have the movement and drama of sculpture to contemporary artists whose works seem to require a gallery's immaculate setting, the implicit links between art and architecture — from scale to structure to setting — often have been noted.

The links themselves, however, have seldom been the focus of exploration. A new exhibition at the Gallery of Art in Steinberg Hall hopes to rectify that oversight.

"Site As Context: Schools of Art and Architecture Faculty Projects," which will be on display Sept. 5 through Oct. 19, will bring the two Washington University schools together in a dialogue on the relationship between their respective fields. An opening reception will be held from 5 to 7 p.m. Friday, Sept. 5, in the Gallery of Art.

"The exhibition is designed as an interdisciplinary, collaborative effort between the schools," said Joseph D. Ketner, director of the Gallery of Art. To this end, the show will include six projects by artists, architects and collaborative teams working in media ranging from architectural drawings and models to photography to environmental sculpture — all media that are

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Camp Hope gives children with AIDS/HIV and their families a break from the disease's daily pressures

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Jonathan D. Gitlin, M.D., found what he sought in medicine: the opportunity to learn and to help people

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Students from the School of Architecture exhibit works created with computer technology

Medical Update

Camp Hope provides respite for families struggling with HIV

For three days every year, 7-year-old Ashley Daniels goes to summer camp. She swims, paints, rides horses and roasts marshmallows around a campfire. At Camp Hope, Ashley and her family can unwind and escape some of the daily pressures of living with HIV, the virus that causes AIDS.

"I look forward to this camp every year because it's a time to relax," said Sarah Simms, Ashley's grandmother and legal guardian. "It's also a chance to meet some of the other parents and grandparents who are struggling with some of the same things we're struggling with."

Eighteen families with 55 children gathered this year for Camp Hope at the YMCA Trout Lodge in Potosi, Mo. The camp, hosted by Project ARK, is for children infected with or affected by AIDS/HIV, and their families.

Project ARK (AIDS/HIV Resources for KIDS) is a collaboration between Washington University School of Medicine and St. Louis University School of Medicine. This cooperative network of St. Louis physicians provides primary care for children with HIV.

"Camp Hope is a fun experience that patients, families and staff look forward to all year. It also is very educational for the families, providing informal opportunities for learning, both from the staff and from each other," said Gregory Storch, M.D., professor of pediatrics at the School of Medicine and medical director of Project ARK.

In addition to giving HIV-positive families time away from their routine, Camp Hope provides a safe environment for these families to share their fears and frustrations about the disease. Many of them are wary of telling their friends and neighbors about family members with HIV. "When you talk to other parents and they learn from you and you learn from them, it's really a relief," said Simms. "It's like emptying something out of you that you would like to talk about to other people, but you feel that they don't really understand."

Ashley was diagnosed with HIV at birth. Her grandmother first was told she would not live until her second birthday and then that she would not live to be 5,



During a lakeside face- and body-painting activity at Camp Hope on Aug. 23, Ashley Daniels decorates David Haslam, M.D., assistant professor of pediatrics. The three-day camp, hosted by Project ARK (AIDS/HIV Resources for KIDS), is for children with HIV and their families. It is held annually at Trout Lodge in Potosi, Mo.

but Ashley has defied the odds. She has benefited greatly from protease inhibitors, new drugs used to treat HIV. Ashley travels to the National Institutes of Health in Bethesda, Md., each month to participate in an AIDS pediatric clinical trial.

One teenager, who wished not to be identified, lost a little sister to AIDS seven years ago and struggles with her mom having HIV. Living in the city, she looks forward to Camp Hope because it is the one time each year she can canoe and ride paddle boats.

The camp also makes her feel "normal," she said, adding that at home, she feels like she's the only person in the world whose mother has HIV.

Jessica Forsyth, Project ARK's adolescent services coordinator, said she thinks the camp is a great help to teenagers because they often are isolated socially. "I think coming to this kind of camp situation allows them to meet other kids their age and let down the barriers," she said. "Also, some of the families I see in clinic are visibly more relaxed here and completely enjoy their time."

This year, Camp Hope was staffed by School of Medicine physicians, Project ARK staff, nurses from a number of local hospitals and community volunteers. In addition to leading face- and body-painting activities, nature walks and arts and crafts projects, these volun-

teers supervise the children for about half the weekend so the parents can have a break from caregiving.

The camp is funded by The AIDS Foundation of St. Louis, the Maplewood Lions Club, Trout Lodge and Coram Health Care.

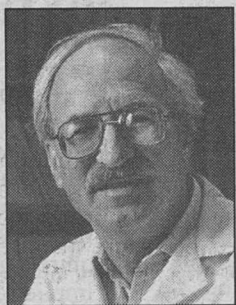
Simms, who also is raising Ashley's brother and other grandchildren, said this was the first year that Ashley has been able to truly enjoy Camp Hope. Although she attended in previous years, she was too ill to participate in many activities. Simms said she is very grateful for Camp Hope. "I look forward to the outings for the kids. You should see how their eyes just light up."
— Diane Duke

Alpers, Dacey and Park receive named professorships

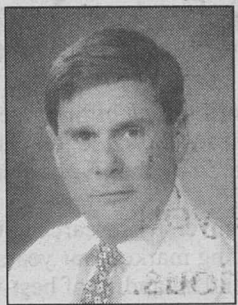
Three School of Medicine faculty have been awarded named professorships. David H. Alpers, M.D., is the William B. Kountz Professor of Medicine; Ralph G. Dacey Jr., M.D., is the Henry G. and Edith R. Schwartz Professor of Neurological Surgery; and Tae Sung Park, M.D., is the Shi Hui Huang Professor of Neurological Surgery.

Alpers was chief of the Division of Gastroenterology in the Department of Medicine from 1969 to 1996. He is well regarded for his groundbreaking research on the prevalence of psychiatric disorders in patients with gastrointestinal diseases, especially irritable bowel syndrome and inflammatory bowel disease. His work has pointed out the need to recognize and treat mental diseases such as depression that often accompany gastrointestinal disorders, especially in the elderly.

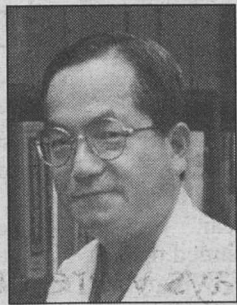
A pioneer in the understanding of the role of intrinsic factor (IF) and the process of vitamin B12 absorption, Alpers has cloned both human and rat IF and currently is attempting to crystallize it to learn more about its structure. Deficiency of IF is a major problem in intestinal diseases such as atrophic gastritis and pernicious anemia, conditions which are particularly prevalent in the elderly. In addition, he has devoted extensive research to understanding the role of intestinal alkaline phosphatase in fat absorption.



David H. Alpers



Ralph G. Dacey



Tae Sung Park

A leader in the field of nutrition and lead author of the Manual of Nutritional Therapeutics, he has written more than 200 research papers and was editor of the American Journal of Physiology [Gastrointestinal and Liver Physiology] from 1991 to 1997.

He is past president of the American Gastroenterological Association and currently is director of the association's Undergraduate Teaching Project. Twice he has been elected outstanding clinical teacher of the year by the Department of Medicine house staff.

The Kountz Professorship honors the late William B. Kountz, a School of Medicine graduate and faculty member for 35 years. It was endowed in 1963 by grants from the Kountz family and from the Gerontological Research Foundation, on which Kountz served as scientific director from 1954 until his death in 1962. The chair most recently was held by Gustav Schonfeld, M.D., who left it to assume his current duties as head of the Department of Medicine. He also is the

Adolphus Busch Professor of Medicine.

Dacey's clinical research focuses on better ways to treat patients who have ruptured brain aneurysms — weak spots in blood vessel walls. With radiology colleagues, he also studies ways to repair the tangled and malformed vessels that make up cerebral arteriovenous

malformations.

In collaboration with Stereotaxis Inc. of St. Louis, Dacey is helping develop a device to magnetically guide surgical instruments through the brain. The Magnetic Stereotaxis System could revolutionize neurosurgery by enabling physicians to enter the brain through a small hole in the skull and reach regions deep within the brain without passing through critical structures.

Dacey also is involved in basic research, in conjunction with Hans H. Dietrich, Ph.D., research associate in neurosurgery. The group focuses on the small vessels in the brain that bring blood to tissues.

Overcoming a major practical hurdle in 1981, Dacey developed a way of studying individual cerebral blood vessels in the laboratory, a technique that has evolved into one of the most powerful research methods in the field of cerebrovascular physiology. It allows researchers to study the hair-like

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Record

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Washington People

Gitlin combines compassion and curiosity

Jonathan D. Gitlin said he hopes never to be an expert in anything. "We're a people of habit, and we have to force ourselves to move away from that," he said. "The problem with being an expert is that you're comfortable. I love to be uncomfortable. It's the only way you can possibly learn anything."

Ironically, Gitlin, M.D., professor of pediatrics and head of the Division of Pediatric Immunology and Rheumatology, is becoming a leading authority on the role of copper and iron in human biology.

In 1993, he and two other groups discovered the gene for Wilson's disease, an inherited metabolic disorder that causes copper to build up in the brain and other organs, leading to brain degeneration and cirrhosis of the liver.

Two years later, Gitlin and his colleagues identified aceruloplasminemia, which causes a rare form of Parkinson's disease. This inherited disorder results in iron accumulation in the brain's basal ganglia region, causing tremors, gait abnormalities and eventual death.

When doing its job in the human body correctly, iron helps red blood cells transport oxygen. Copper interacting with oxygen helps produce blood, develop bone, form pigment and create part of the nervous system. These metals, which are toxic, are contained within proteins.

Currently, Gitlin's lab studies copper chaperones, proteins that bind to copper and move it to where it's going, never letting it out of its sight, much like chaperones at a prom.

"You want teens to go to the prom and have a good time, but you don't want them to be off doing something they shouldn't," said Gitlin, who recently received a Burroughs Wellcome Fund Scholar Award in Experimental Therapeutics. "This is exactly like metals. They have to be chaperoned closely."

A simple question

In 1986, Gitlin began thinking about how metals are regulated, transported and metabolized, and he came up with a simple question: How do metals get into proteins within cells, and how is this process regulated to prevent inadvertent and potentially deadly interaction between oxygen and free metals?

With this question, Gitlin opened the door to an assortment of human diseases that are caused by the abnormal movement and metabolism of metals. Work from his laboratory and others now reveals that these metal disorders include inherited forms of amyotrophic lateral sclerosis (Lou Gehrig's disease), Friedreich's ataxia and Parkinson's disease.

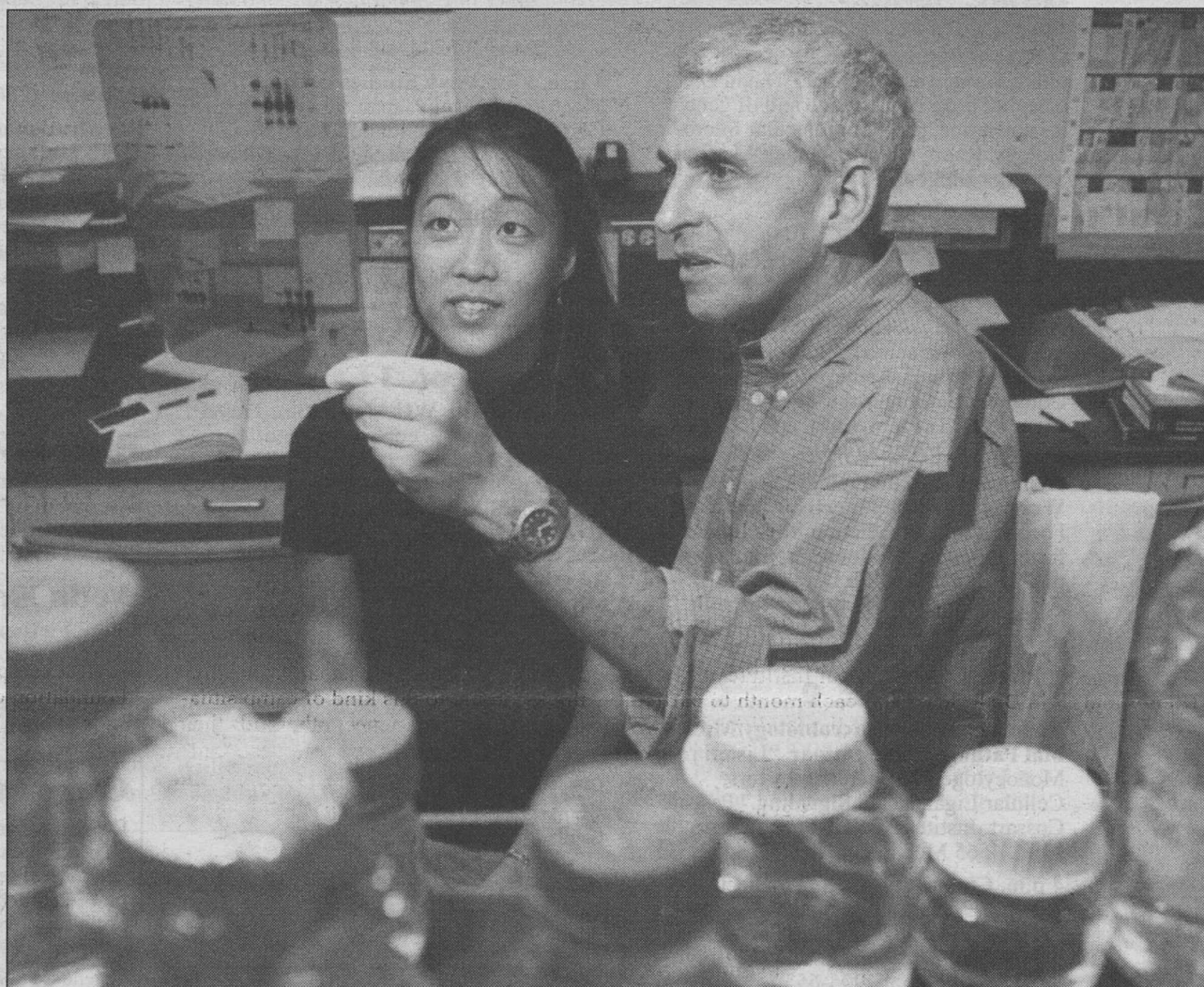
"What he's done is extraordinary," said Harvey R. Colten, M.D., former chair of the School of Medicine's Department of Pediatrics and now dean and vice president for medical affairs at Northwestern University Medical School. "He started out looking at a problem that results from a rare genetic disorder. Then suddenly, here we are with diseases of the aged and the very young. It's substantive evidence that a person like Gitlin doing this kind of work is an extremely valuable resource."

In turn, Gitlin gives credit to Colten. Gitlin began studying metals during a postdoctoral fellowship in Colten's lab at Harvard University and followed him to Washington University in 1986. "I want to give Harvey credit because the kinds of questions I was asking were not mainstream questions," Gitlin said. "He provided the environment for me to continue to pursue my intellectual curiosity to a degree that I had always been used to. Looking back, I've been here 11 years now, and everything that I imagined about the opportunity has turned out to be true."

Alan L. Schwartz, M.D., Ph.D., the Harriet B. Spoehrer Professor and chair of the Department of Pediatrics, said Gitlin has an amazing grasp of the whole world of biology.

"He reads voraciously, synthesizes information in both classical and unique ways and is extremely astute in having unique insights to both natural and perturbed biological problems," he said, adding that Gitlin is among the most curious people he knows.

One of Gitlin's collaborators at Johns Hopkins University, Val Culotta, Ph.D., associate professor of biological chemistry, said he has an insight for science she has not seen before. She added that his enthusiasm for research is unwavering, which is contagious to those who work with him.



Jonathan D. Gitlin, M.D., and Aimee Payne, a student in the Medical Scientist Training Program, work in Gitlin's laboratory examining gene expression from patients' DNA samples.

... my parents made me realize at an early age that you could go through life pretty happy if you always were curious."

Growing up in a suburb of Boston, Gitlin was an inquisitive child in an ecumenical, intellectual household. His parents, he said, instilled in him compassion for people and a joy of knowledge and learning.

"I was a curious child in a family that promoted that," he said. "I think my parents made me realize at an early age that you could go through life pretty happy if you always were curious. Whatever I may have accomplished, I owe to my mom and dad."

His father, an internationally famous immunologist, and his mother, a gifted artist, are both creative and scholarly. The family lived in Mexico City and Copenhagen during his father's sabbaticals.

Always intrigued by science, Gitlin studied horseshoe crabs one summer while in high school. Like many organisms, horseshoe crabs transport oxygen through a copper-binding protein rather than a protein that binds to iron. Gitlin got a job bleeding horseshoe crabs and purifying the brilliant blue copper protein.

"From that point on, I was always interested in copper proteins," he said. "It's not like I had a premonition about what I'd be studying now. It's that I found it interesting."

At age 16, Gitlin entered Bowdoin College in Maine, starting as a sophomore. He decided to major in English and hoped to become a writer. After a few years, he took time off to travel, exploring the United States, Europe and Asia. During his travels, he decided to become a doctor because he wanted to have a career that would have an impact on people's lives. He received a medical degree from the University of Pittsburgh School of Medicine in 1978.

Blending themes

Although he always had a hard time deciding what to study because he was interested in so many things, medical school, he said, was the right choice for him. "I don't think I ever felt that I had really found what I

wanted until I got in medical school," he said. "Once I got there, I just loved it from the day I started."

He considered specializing in internal medicine, surgery, psychiatry and pediatrics but ended up doing his residency at Children's Hospital in Boston. Gitlin, who is extremely modest, said he thought the computer might have made a mistake. "It's an extraordinary institution," he said.

Training at Children's was a tremendous experience, he added, because he encountered so many bright and enthusiastic people and because it is an institution with a rich tradition in pediatric research. He met Schwartz and F. Sessions Cole, M.D., now professor of pediatrics and director of the Division of Newborn Medicine at the School of Medicine, both of whom influenced him greatly.

"I think I developed there — more than anything — a passion to blend the two themes that had been going through my life: scientific

curiosity and compassion for people," said Gitlin. "I saw people taking care of patients and asking questions about those patients that would make a difference in their lives."

Cole describes Gitlin as an insightful clinician and scientist. "He sees connections in biology and strengths in people that permit him to excel scientifically and simultaneously provide the best in responsible clinical care for his patients," Cole said. "His outstanding educational skills make him able to translate his scientific and clinical observations for families, peers and students."

As a pediatrician today, Gitlin loves the opportunity to try to make a difference in someone's life every day.

When people ask about the difficulty of working with parents of very sick children, he tells them he gets more from the parents than he gives. "They inspire me so tremendously," he said. "It gives you such a faith and confidence in people to see how strong these parents are."

Gitlin, who is married and has a 12-year-old son, Zachary, and a 9-year-old daughter, Anna, also is grateful for being a parent. He said he tries not to take it for granted because he sees parents who have such struggles with their children. "It's so precious and such a wonderful thing," he said. He especially enjoys traveling with his wife, Patricia, and their children.

When he's not working or spending time with his family, Gitlin said he reads "almost anything." He particularly enjoys American history and the history of medicine.

When asked where his field will be in the next 10 years, Gitlin quoted Judah Folkman, M.D., a professor of pediatric surgery at Harvard University and one of his mentors. Folkman, Gitlin said, described research as driving at night with your headlights: "You can see only five feet in front, but if you stay on the road, you can go anywhere you want. I hope I have the curiosity to keep driving and the intuition to stay on the road."

— Diane Duke

Calendar

Visit Washington University's on-line calendar at <http://cf6000.wustl.edu/calendar/events/v1.1>

Sept. 4-13



Exhibitions

Selections From the Washington University Art Collections. "Art in the Age of Revolution." Through Oct. 12. Leonard Baskin: Prints. Through Dec. 7. Gallery of Art, lower gallery. 935-5490.

"Site As Context: Schools of Art and Architecture Faculty Projects." Through Oct. 19. Reception will be held 5-7 p.m. Sept. 5. Gallery of Art, upper gallery. 935-5490.

"[Pro]Fusion." An exhibition of installation art by selected MFA candidates. Exhibit runs Sept. 12-22. Reception will be held 5-7 p.m. Sept. 12. Bixby Gallery. 935-4643.



Films

Wednesday, Sept. 10

6 p.m. Japanese Film Series. "Urusei Yatsura" ("Only You"). Room 219 South Ridgley Hall. 935-5156.



Lectures

Thursday, Sept. 4

Noon. Genetics seminar. "From X Chromosome Mapping to the Genetics of Aging," David Schlessinger, prof. of molecular microbiology, Genetics Library, Room 823 McDonnell Medical Sciences Bldg. 362-7072.

Noon. Office of Continuing Medical Education seminar. "Current Topics in Cardiothoracic Anesthesia: Perioperative Management." Eric P. Newman Education Center. 362-6891.

1:10 p.m. Social work lecture. "Deliberative Democracy: A Community and Its Newspaper," Cole C. Campbell, editor,

'[Pro]Fusion' opens Bixby's new season

Bixby Gallery will launch its 1997-98 season with "[Pro]Fusion," an exhibition of installation art by three graduate students in the School of Art painting program.

The exhibition will run Sept. 12-22 in Bixby Gallery, with an opening reception from 5 to 7 p.m. Sept. 12.

The works in "[Pro]Fusion" were created specifically for the Bixby Gallery exhibition space by John Kelleher, Molly Phillips and Kate Weigand. The works are intended to engage the uniqueness of Bixby Gallery.

The exhibit will feature a series of small-scale installations that seek to create an open, contemplative space.

Though Kelleher, Phillips and Weigand are trained painters, the works included in the exhibit are often sculptural in nature.

Gallery hours are 10 a.m. to 4 p.m. Monday through Friday and 1 to 5 p.m. Saturday and Sunday.

For more information, call (314) 935-4643.

St. Louis Post-Dispatch. Brown Hall Lounge. 935-5687.

4 p.m. Chemistry seminar. "Synthesis of Mestastable Alloys in the C-Si-Ge Family: New Precursors Give New Materials With New Structures," John Kouvetakis, asst. prof. of chemistry, Arizona State U., Tempe. Room 311 McMillen Lab. 935-6530.

4 p.m. Earth and planetary sciences colloquium. "Linking Environmental Science and Management in Education and Policy," Jeff Dozier, dean, School of Environmental Science and Management, U. of California at Santa Barbara. Room 362 McDonnell Hall. 935-5610.

Friday, Sept. 5

Noon. Cell biology and physiology seminar. "Cytokine Signals for Lymphoid Tissue Development," David D. Chaplin, prof. of medicine and of genetics and assoc. prof. of molecular microbiology. Room 426 McDonnell Medical Sciences Bldg. 362-6950.

Saturday, Sept. 6

10 a.m.-noon. University College Writing Workshop. Fiction Workshop. Focus on discussion and constructive criticism of work submitted by class members. Instructed by Julia Hanna, managing editor, Boulevard magazine. Continues Saturdays through Oct. 25. Cost: \$215. For more info. and to register, call 935-6701.

10 a.m.-noon. University College Writing Workshop. Poetry Workshop. Focus on imagery, diction, rhythm and form. Instructed by Jonathan Smith, published poet and Ph.D. candidate in English. Continues Saturdays through Oct. 25. Cost: \$215. For more info. and to register, call 935-6701.

Tuesday, Sept. 9

Noon. Molecular Microbiology/Microbial Pathogenesis Seminar. "Listeria Monocytogenes: Bacterial Factors, Cellular Ligands and Signaling," Pascale Cossart, Institut Pasteur, Paris. Cori Aud., 4565 McKinley Ave. 362-3692.

4 p.m. Chemistry seminar. "Electron-Transfer Reaction in Organic and Bioorganic Chemistry." Carmello Rizzo, asst. prof. of chemistry, Vanderbilt U., Room 311 McMillen Lab. 935-6530.

Wednesday, Sept. 10

8 a.m. Obstetrics and Gynecology Grand Rounds. "First Trimester Screening for Fetal Aneuploidy." Lisa M. Bernhard, asst. prof. of obstetrics and gynecology. Clopton Aud., 4950 Children's Place. 362-3143.

11 a.m. Assembly Series lecture. "The Origin of Satan." Elaine Pagels, prof. of religion, Princeton U. Graham Chapel. 935-5285.

3:45 p.m. Seminar co-sponsored by biology, earth and planetary sciences, and physics depts. "Life Under Pres-

sure: Hyperbaric Organisms and the Origin of Life," Robert Hazen, dept. of physics, George Mason U., and Carnegie Institution of Washington. Room 201 Crow Hall. Refreshments served at 3:30 p.m. in Room 241 Crow Hall. 935-6276.

Thursday, Sept. 11

Noon. Genetics seminar. "Combinatorial Signaling in Muscle Pattern Formation." Alan Michelson, asst. prof. of medicine, Howard Hughes Medical Institute. Genetics Library, Room 823 McDonnell Medical Sciences Bldg. 362-7072.

4 p.m. Earth and planetary sciences colloquium. "Osmium Isotopes, Weathering, and Climate Change." Rachel Oxburgh, U. of Edinburgh and Lamont-Doherty, Earth Observatory of Columbia U. 362 McDonnell Hall. 935-5610.

4 p.m. East Asian Studies lecture. "New Memories in Meiji Japan: Exorcising Ghosts, Finding Childhood." Stefan Tanaka, U. of Calif. at San Diego. Room 30 January Hall. 935-4448.

4:15 p.m. Philosophy colloquium lecture and discussion. "Rational Imaginings, Responsible Knowings: How Far Can You See From Here?" Lorraine Code, prof. of philosophy, York U., Toronto. Room 362 McDonnell Hall. 935-5427.

Friday, Sept. 12

6 and 8:30 p.m. WU Association Travel Lecture Series. "People of Poland," Charles Hartman, lecturer and presenter. Graham Chapel. For cost, info. and to register, call 935-5212.

Saturday, Sept. 13

10 a.m.-1 p.m. University College Writing Workshop. "Writing Workshop: Grammar and Usage," Tatnall Warner, news editor, St. Louis Post-Dispatch, and lecturer in communications and journalism. Cost: \$25. For more info., call 935-6788.



Performances

Wednesday, Sept. 10

8 p.m. Dance concert. "Dance Close-up," an informal dance concert by performing arts and dance faculty members. (Also Sept. 11, 12 and 13, same time.) Cost: \$10; \$7 for senior citizens, faculty, staff and students; \$5 to sit on the studio floor. Dance Studio, Room 207 Mallinckrodt Center. 935-6543.

Friday, Sept. 12

8 p.m. Edison Theatre's "OVATIONS!" series performance. Max Roach, jazz

'Dance Close-Up' features variety of styles

The Washington University dance faculty will present an informal and intimate evening of dance in its third annual "Dance Close-Up" concert at 8 p.m. Sept. 10-13 in the Dance Studio, Room 207 Mallinckrodt Center.

An off-Broadway-style showcase for the University's renowned dance faculty, "Dance Close-Up" will feature more than a dozen performing arts and dance faculty members working in an array of distinct dance idioms, including modern dance, ballet, African and Indian dance.

"I see 'Dance Close-Up' as a way in which the dance faculty shares its work — its own form of 'research publication' — with the Washington University students and faculty and with the community," said Mary-Jean Cowell, Ph.D., associate professor and coordinator of the dance program in the Performing Arts Department in Arts and Sciences.

The program will feature:

"Losing Hi(s)tory" — David W. Marchant, a fourth-year artist in resi-

dence, presents a dance/theater exploration of memory and perception that muses on the nature of time by imagining one man's life story as if it occurred backwards.

Untitled — Christine A. O'Neal, artist in residence and director of the ballet program, performs three solo pieces that symbolically move through the course of a day — from early morning to afternoon and evening and into the night.

"For Robert: On Order(s)" — Five members of the performing arts faculty — Ann Fox, Arthur H. Hirsch, Jeffery S. Matthews, Annamaria Pileggi, and Valerie Safron — join choreographer Mary-Jean Cowell and director William Whitaker in performing this wry meditation on the essential, pleasurable and sometimes irritating condition of order.

"Dun Dunba" — Chiquita Parker, a recent addition to the adjunct dance faculty, performs a traditionally male

drummer. (Also Sept. 13, same time.) Cost: \$23. Edison Theatre. 935-6543.



Miscellany

Registration open for the following Office of Continuing Medical Education seminars. "Contemporary Cardiothoracic Surgery" (Sept. 18-20); and "New Techniques in Urinary Incontinence and Female Urology" (Oct. 18). Eric P. Newman Education Center. For times, costs and to register, call 362-6891.

Registration open for the AIDS Clinical Trials Unit symposium. "HIV Disease in Women and Their Newborns: Treatment and Prevention Strategies" (Sept. 12). The Radisson Hotel, St. Louis Airport. For schedules, cost and credit info., call 362-2418.

Registration open for Diagnostic Radiology three-day seminar. "Practical Issues in Leading-edge Radiology II" (Oct. 17-19). For times, costs and to register, call 362-2916.

Thursday, Sept. 4

7:30 p.m. Women's studies discussion. Discussion of "Rhetorical Spaces" by Lorraine Code. Hurst Lounge, Room 201 Duncker Hall. 935-5102.

Wednesday, Sept. 10

8 p.m. Fiction reading. Kim Edwards, visiting writer-in-residence and author of "The Secrets of a Fire King," will read from her works. Hurst Lounge, Room 201 Duncker Hall. 935-7130.

Calendar guidelines

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

Calendar submissions should state time, date, place, sponsor(s), title of event, name(s) of speaker(s) and affiliation(s), and admission cost. Quality promotional photographs with descriptions are welcome. Send items to the Calendar editor at Campus Box 1070 or via fax to (314) 935-4259. Submission forms are available by calling (314) 935-5230.

The deadline for all entries is noon Tuesday one week prior to publication. Late entries will not be printed. The Record is printed every Thursday during the school year, except holidays, and monthly during the summer. If you are uncertain about a deadline or holiday schedule or need more information, call (314) 935-5230.

dance of strength from the Wouloff people of Senegal, West Africa, accompanied by the drumming of Shaka and Na'imah Zulu of the Zulu Drum and Dance Connection.

"Sumukhi" — Asha Prem, adjunct dance faculty, performs a dramatic work in which a woman, having met a man in a dream, awaits his arrival in her waking hours.

Untitled — Mary Ann Rund, adjunct dance faculty, performs a new, untitled work.

Untitled — Amy Schactman, another recent addition to the adjunct dance faculty, performs a new solo work in progress.

Tickets are \$10 for the general public; \$7 for senior citizens and Washington University faculty, staff and students; and \$5 to sit on the studio floor.

For more information, call the Edison Theatre box office at (314) 935-6543.

— Liam Otten



Grammy Hall of Famer Max Roach, a central figure in the history of jazz, will perform at Edison Theatre this month.

Jazz drummer Max Roach opens OVATIONS! series

Legendary jazz drummer Max Roach brings five decades of jazz history to St. Louis audiences when he inaugurates the 25th annual OVATIONS! series with two rare solo concerts at 8 p.m. Sept. 12-13 in Edison Theatre. The two concerts also are being welcomed by WSIE-FM and are supported by grants from the Mid-America Arts Alliance Program with the Missouri Arts Council and the National Endowment for the Arts.

Hailed as the world's greatest trap drummer, this master sound painter's resonant touch has extended the drum's musical reach beyond its rhythmic origins and into brilliant worlds of color, harmony and song. Roach's exquisitely controlled style and unequalled ability to cross complex rhythms have earned him the title "The Duke Ellington of the Drums."

Since getting his start with the Duke Ellington Orchestra in 1942 — when, at

Max Roach

When: 8 p.m. Sept. 12 and 13

Where: Edison Theatre

Tickets: \$23. Available at the Edison Theatre box office, (314) 935-6543, and at all MetroTix outlets, (314) 534-1111.

age 18, he was called in to substitute for Sonny Greer — performer, composer, musicologist and educator Max Roach has been a central figure in the history of jazz, and in many ways his career mirrors the rise of American music as a dominant cultural force.

Roach spent much of the 1940s experimenting with the likes of Dizzy Gillespie, Coleman Hawkins, Thelonious Monk, Charlie Parker and

Oscar Pettiford, and in the 1950s, he put together the Max Roach-Clifford Brown Quintet, one of the period's dominant ensembles. In 1953 Roach appeared with Gillespie, Charles Mingus, Parker and Bud Powell in the legendary Massey Hall Concert in Toronto — the only time these musical titans ever shared one stage.

In the 1960s, Roach began to integrate a sense of political consciousness into his work, composing and producing the landmark "We Insist! Freedom Now" album, which became the battle cry of a generation. In the 1970s, his solo performances helped raise the drum from a supporting to a starring role, and he went on to found the percussion orchestra M'Boom. In the two decades since, Roach has experimented with new ensembles, mixed media collaborations and performance art.

In 1988, Max Roach was awarded a MacArthur Foundation Fellowship in recognition of his distinguished contributions to American cultural life. His many other awards include a National Endowment for the Arts Masters Award, induction into the International Percussion Arts Society Hall of Fame and, in 1995, induction into the Grammy Hall of Fame for his recording "Jazz at Massey Hall."

Tickets are \$23. For more information, call (314) 935-6543.

Medical school faculty are honored — from page 2

microvessels that normally lie deep within the brain.

The Schwartz Professorship was endowed in 1996 by 60 former neurosurgery residents and others in the Department of Neurological Surgery. It honors Henry G. Schwartz, former head of neurological surgery and now the August A. Busch Jr. Professor Emeritus in Neurological Surgery, and his late wife, Edith Courtenay Robinson Schwartz, M.D., who was a clinical assistant professor of pediatrics and a pediatric psychiatrist at St. Louis Children's Hospital and in the community.

Park, who also directs the Division of Pediatric Neurosurgery at the School of Medicine, is the first pediatric neurosurgeon in the United States to receive an endowed professorship.

His clinical research focuses on dorsal rhizotomy, a surgical procedure for managing the spasticity of cerebral palsy by severing the roots of some nerve fibers that lead from the spinal cord to the lower limbs. He now has operated on more than 500 patients from all over the United States. In 1991, he modified the procedure so it is less invasive, allows patients to recover more quickly and can be offered to a wider range of patients.

Park also specializes in pediatric epilepsy surgery and, in 1994, he developed a new technique to remove regions of the brain called the hippocampus and amygdala for treatment of medial tem-

Pagels to speak on Satan's origin

Religion scholar Elaine Pagels will deliver a lecture titled "The Origin of Satan" at 11 a.m. on Wednesday, Sept. 10, as part of Washington University's Assembly Series. The lecture will take place in Graham Chapel and will be free and open to the public.

Pagels, one of the foremost historians of religion, has examined how modern cultural, social and religious attitudes have been shaped by religious teachings and historical events. She won the National Book Award and the National Book Critics Circle Award for her 1979 book, "The Gnostic Gospels," an examination of the



Elaine Pagels

long-lost writings of early Christians who claimed to have special knowledge of Jesus' secret teachings. The book illustrates the ancient existence of alternative sects of Christianity, such as the Gnostics, and how these sects were at odds with the established Christian orthodoxy.

Her second book, "Adam, Eve and the Serpent," examines how St. Augustine's fourth-century interpretation of the story of Adam and Eve became the official doctrine of church and state and how — to this day — that doctrine has shaped Western culture's views of sexuality, politics and human nature. In her most recent book, "The Origin of Satan," Pagels investigates the evolving shape of the devil in Judeo-Christian literature and the rise of demonization, a practice that since can be seen throughout human history. She also was a prominent figure in the recent PBS series "Genesis: A Living Conversation With Bill Moyers."

Pagels is the Harrington Spear Paine Foundation Professor of Religion at Princeton University. In 1981, she won a MacArthur Fellowship — often referred to as the "genius grant." She received a Rockefeller Fellowship in 1978-79 and a Guggenheim Fellowship in 1979-1980.

She earned a bachelor's degree with honors in 1964 and a master's degree in classics in 1965, both from Stanford University. In 1970, Pagels earned a doctorate with honors and distinction in the study of religion from Harvard University.

For more information, call (314) 935-5285.

Sports

Compiled by Mike Wolf, asst. athletic director for media relations, and Kevin Bergquist, asst. director, sports information. For the most up-to-date news about Washington University's athletics program, access the Bears' Web site at www.sports-u.com.

Joe Clarke era begins

Gunning for a 15th consecutive winning season and a ninth straight campaign with 12 or more victories, the Joe Clarke era begins this Wednesday, Sept. 3, when Washington University's men's soccer team opens the season versus Fontbonne College at 7 p.m. at the St. Louis Soccer Park. Clarke, who spent the last 14 years coaching the Saint Louis University Billikens, replaces Ty Keough, who resigned last spring.

Five starters return from last year's 13-5-1 squad, including all-University Athletic Association honorees Justin Glessner, Dan Gansler and Greg Rheinheimer. Glessner is the Bears' top returning defender, while Rheinheimer led all players with 10 goals scored in 1996.

Washington University, which is picked to finish second in this year's UAA race, opens its home season Sept. 12 versus Trinity University, a 1996 NCAA regional playoff team.

Women's soccer returns 10 starters from 1996

This season shapes up to be a high-scoring campaign for the women's soccer team, ranked 24th in the National Soccer Coaches Association Division III pre-season top 25.

Sophomore forward Rachel Sweeney leads the attack after shattering school marks for goals (17) and points (45) last year. Junior Lori Thomas stands alone as

the program's all-time leading goal-scorer (25) after netting 11 scores last year. Senior back Colleen O'Brien—a two-time all-Great Lakes Region and all-UAA defender—returns for a fifth year. Junior goalkeeper Julie Kanter figures to open as the Bears' top goalie with a career 0.92 goals-against average.

The Bears play 11 games at Francis Field, including a Sept. 14 matchup with NCAA Division I newcomer University of Illinois. First up is a trip to Minnesota for a Saturday, Sept. 6, game at St. Olaf College and Sunday, Sept. 7, at Carleton College—both in Northfield, Minn.

Cross country squads sprint for NCAA bids

Cross country coach Rich Schilling welcomes back 15 letterwinners for his third season at the helm.

Junior Emily Richard became the school's second-ever medalist at the 1996 University Athletic Association Championships and helped the Bears to their second conference title in three years and fourth overall.

The Bear men missed a trip to the national meet by one spot last year, finishing sixth overall. The all-UAA tandem of senior Tyler Small and sophomore Tim Julien leads the 1997 pack.

The Bears open their season Saturday, Sept. 6, in Maryville, Mo., at the Northwest Missouri State University Invitational.

High-tech exhibit features images from computers

From light refracting off the curving glass wall of an airport terminal to a bird's-eye view of a summer home atop an oceanside vista, an exhibit of architecture students' computer-generated images takes their designs to a whole new level of exploration.

The high-tech printed images from two recent graduate studios, which will be displayed on the first floor of Givens Hall through mid-September, demonstrate how computers can assist students as a design tool.

"The computer really allows you to get into the space and experience it from different angles and rotate the space," said graduate student Lura DiAntonio, who participated in one of the design studios taught by Paul Donnelly, associate professor of architecture. "It gives you insight into the design idea in a way that most conventional drawings cannot. ... It's just an amazing tool."

Graduate students in the summer studio of Jo Noero, the Ruth and Norman Moore Professor of Architecture, used computers to explore designs for both a summer home and a winter residence.

Through feeding the computer certain parameters, the students were able to create what seems to be an actual location from a fictitious design problem. Additionally, the computer's ability to show cross-sections and demonstrate the space of a structure from without and from within give a much more complete picture of the homes.

Donnelly, who is serving as interim director of computing at the School of Architecture, said the computer programs allowed the 20 students in both design studios to "explore a particular design strategy within a virtual environment."

The computer programs, which Donnelly views as a supplement to conventional architectural drawing and physical modeling, allow students to build complex analytical designs using principles from both geometry and physics.

"They were able to develop and represent highly complex lines, surfaces and solids," he noted. "The programs offer opportunities in architectural design that never really existed before."

Because the architecture profession is increasingly using computerized rendering, modeling and animation, Donnelly said an architecture school committee currently is focusing on appropriate ways to integrate the computer into the design studio.

"We hope to distinguish ourselves by viewing the computer as a design tool used throughout the entire process," Donnelly said. "We are looking at ways for students to use the programs for the critical analysis of their design ideas during all the phases of design."

Designs from Donnelly's studio also can be viewed on the architecture school's homepage at www.arch.wustl.edu.

Structure offers flexibility — from page 1

Budgeting: Funding at the Edge, in the 1996 book "Electronic Resources:

Implications for Collection Management."

Witte holds a bachelor's degree from Wellesley (Mass.) College, a master's degree in library science from the University of Michigan and a master of liberal arts from Washington

University. She has been with the libraries since 1959.

In her new role, she is responsible for providing information services in all formats to all users of Olin Library and its departmental and school libraries.



Victoria Witte



Mark DeKay helps Ron Fondaw drill a piece onto "Drawing of the Site: An Ongoing Dialogue." The wall-sized map of the Hilltop Campus is a collaborative work between DeKay, assistant professor of architecture, and Fondaw, professor of art.

Open dialogue makes collaboration exciting — from page 1

directly formed by their relationship to space.

"This exhibition began with an idea that could be explored equally well by artists and architects, each in their own way. The responses demonstrate a wide and unforeseen range of interpretations," said Joe Deal, dean of the School of Art. "It is this open dialogue and discovery that make collaboration of this sort exciting."

Cynthia Weese, FAIA, dean of the School of Architecture, added: "Two critical relationships are examined and explored here — that between site and built form and between art and architecture. We are celebrating both the collaborations and the investigations."

Though sites often are thought of as specific physical locations, in this exhibition, the term is not limited to geography. According to Melissa Brookhart, assistant curator at the Gallery of Art, other sites addressed by the contributors include psychological and metaphorical expanses. "The exhibition explores not the permanence of site, but the construct of site the ways in which sites mediate and are mediated by their function and meaning," she said.

In "Drawing of the Site: An Ongoing Dialogue," a piece that exemplifies the exhibition's collaborative nature, Ron Fondaw, professor of art, and Mark DeKay, assistant professor of architecture, have created a wall-sized map of the Hilltop Campus, which serves as a framework for the dozens of public art and architecture projects they have conceived. While proposals range from the earnest to the fanciful — and include everything from fountains to courtyards to wastebaskets carved from old tree stumps — all have roots in months-long dialogue between the professors. The sheer abundance of plans, drawings, statements and other materials bears witness to the spontaneous energy of that conversation. Further, in the interest of opening the conversation to the rest of the community, the two have installed a "work station" at which viewers are encouraged to create proposals of their own, which may then be attached to the original installation.

Two other architectural teams have sought to reconfigure seemingly fixed

locations into sites that explore contemporary issues of land use and urban development. In "Projecting Detroit," Omar Perez and Gia Daskalakis, both visiting assistant professors of architecture, reinterpret the "Motor City," a city that has been "unmaking itself" by dismantling its fabric. Using photographs, models and streetmaps, the architects simultaneously note the presence and absence of city structures in the hope of providing an "initial form of knowing and orienting the site across a vast, undifferentiated landscape."

In "Housing and the Productive Landscape," Jo Noero, the Ruth and Norman Moore Professor of Architecture, and Tim Franke, assistant professor of architecture, have created a proposal to link the disparate South African communities of Wattville and Tamboville. Through a series of scale-drawings and architectural plans, the team of architect and landscape architect has sought to respond to the needs of both communities by creating a point of convergence where "residents of both neighborhoods could come together to shop, communicate, enjoy public facilities and realize the potential of a new type of landscape."

Noero and Franke's proposal won second place in the international Housing Generator Competition held by the Urban Sector Network, a public interest group in South Africa, and the Rotterdam Academy of Architecture and Urban Planning, in the Netherlands. Their project will be displayed in exhibitions in both South Africa and the Netherlands and will be published in a competition book.

In the photographs by Stan Strembecki, professor of art and head of the photography program, the caves along the Missis-

sippi River serve as metaphors for the internal sites of experience and memory and provide opportunities to explore issues of "sex, death, religion and guilt." Here, site provides a foundation for coming to terms with the power and confusion of personal and psychological narratives.

In "The Soul Sales, The Body is the Anchor," Joan Hall, professor of art, confronts the possibility of an internal site through an analysis of methods of processing information. Using handmade paper and wood and referencing the experience of Haitian immigrants, Hall mimics the process by which an original site can be filtered through memory so that, over time, the memory comes to replace the actual geography and becomes a site in itself.

Ronald Leax, associate professor of art, interprets the organization of mundane physical space as sites of universal relevance. His spiral-shaped sculpture, "The Stuff Which Holds Our Universe Together," alludes to the form taken by organic sites ranging from the nebula of the universe to the pattern of snail shells, and thereby suggests the universal scope of his project.

Two lectures are scheduled to coincide with the exhibition and are part of the Gallery of Art's Friday Forum Luncheon Lecture Series. At noon Sept. 12 in Steinberg Hall, Fondaw will discuss "Drawing on the Site: An Ongoing Dialogue." At noon Oct. 10, Jo Noero will discuss "Housing and the Productive Landscape."

Gallery hours are 10 a.m. to 5 p.m. weekdays and 1 to 5 p.m. weekends. For more information, call (314) 935-4523.

— Liam Otten

Campus Watch

The following incidents were reported to the University Police Department from Aug. 25—Sept. 1. Readers with information that could assist the investigation of these incidents are urged to call (314) 935-5555. This release is provided as a public service to promote safety-awareness on campus.

Aug. 25

9:30 a.m. — A staff member reported that computer software was stolen from the R.O.T.C. offices in the Academy Building.

Aug. 26

12:21 a.m. — A student reported that 30 cassette tapes were stolen from an unlocked glove compartment in a Jeep parked on Throop Drive.

Aug. 27

8:04 a.m. — A contractor reported that a radar detector was stolen from an unlocked vehicle parked on the north side of North Brookings Hall.

Aug. 29

6:12 a.m. — An officer on patrol discovered that graffiti had been spray painted on the southwest corner of Mudd Hall.

8:37 a.m. — A contract lawncare employee reported that a masonry saw and an electrical cord were stolen from the west side of Ridgley Hall.

Aug. 30

1:34 a.m. — University Police responded to a verbal altercation in the parking lot

near Shepley Residence Hall involving an apparently intoxicated student arguing with a ticket monitor regarding a parking ticket. The incident will be referred to the Judicial Administrator for violation of the judicial code regarding disorderly conduct and harassing or threatening any member of the University community.

2:33 a.m. — University Police responded to a fire alarm at Millbrook Apartments. Upon arrival, it was determined that a pull station on the west side of the basement of Building Three had been activated.

Aug. 31

12:48 a.m. — Following a brief argument, a student was assaulted by another student in Lee Residence Hall. One student received cuts to the left ear and face and was treated by EST and released. An investigation is continuing in order to interview the other student involved, who fled the scene.

University Police also responded to six reports of bicycle theft and three additional reports of vandalism.

Introducing new faculty members

The following are among the new faculty members on the Hilltop Campus. Others will be introduced periodically in this space.

Kenneth Botnick, associate professor of art, arrives from Penland, N.C., where he was director of the Penland School of Crafts, one of the oldest craft programs in the United States. Prior to that, he was production and design manager at the Yale University Press and taught at the Yale School of Design. From 1979 to 1987, he was co-proprietor of Red Ozier Press in New York. His research interests include all aspects of publication production, including letterpress and offset printing, bookbinding, papermaking and manuscript selection. He received a bachelor's degree in 1978 from the University of Wisconsin, Madison, and pursued graduate study in landscape design at the Conway School of Landscape Design in Conway, Mass.

Shirley J. Dyke, Ph.D., assistant professor of civil engineering, joined the University in September 1996. Dyke received a doctorate in civil engineering in 1996 from the University of Notre Dame in South Bend, Ind. She received a bachelor's degree in aerospace engineering with honors in 1991 from the University of Illinois, Urbana-Champaign. At Notre Dame, she was a research assistant from 1991-95, an undergraduate research supervisor from 1993-96, and an instructor in the fall of 1995. Among her interests are engineering mechanics, structural dynamics, feedback control and earthquake engineering. Dyke is the supervisor of the Structural Control and Earthquake Engineering Laboratory in Urbauer Hall.

Brad Joondeph, J.D., associate professor of law, comes from Stanford University Law School, where he held the title of head teaching fellow. Joondeph previously clerked on the U.S. Court of Appeals, Tenth Circuit, and served as an adjunct instructor for the University of Kansas School of Law. His research interests include school finance and school desegregation. He received a bachelor's degree (Phi Beta Kappa) in 1990 and a law degree (Order of the Coif) in 1994, both from Stanford.

Tuomas W. Sandholm, Ph.D., assistant professor of computer science in the School of Engineering and Applied Science, joined the University in September 1996. He came directly from the University of Massachusetts in Amherst after receiving a doctorate in computer science in 1996. Sandholm received a master's degree in computer science from Massachusetts in 1994, and a bachelor's degree and master's degree — both with distinction — in 1991 from Helsinki University of Technology in Espoo, Finland. Among his varied research interests are artificial intelligence, machine learning, scheduling, game theory, distributed problem solving, systems design and industrial software systems. He also speaks Finnish, Swedish and German. He also is a 1997 recipient of the National Science Foundation CAREER Award, given to outstanding young researchers for a five-year period.

Nik Weaver, Ph.D., assistant professor of mathematics in Arts and Sciences, came to the University on July 1. Previously, he was at the University of California, Santa Barbara, where he was Ky Fan Assistant Professor of Mathematics from 1994-96. Weaver received a doctorate in mathematics in 1994 from the University of California, Berkeley. He received a bachelor's degree in mathematics, with high distinction, in 1990 from Harvey Mudd College in Claremont, Calif. Among his research interests are functional analysis, with an emphasis on noncommutative topology.

For The Record

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

Of note

Eric Mumford, Ph.D., assistant professor of architecture, has received a \$6,500 Graham Foundation grant to study city dwellings in Chicago and St. Louis built between 1920 and 1970. Mumford will focus on the design and histories of 10 selected projects within their social and technological contexts. The completed study will appear in an illustrated publication and will be featured in an exhibit. Mumford also recently lectured on "Sert and Latin America" in conjunction with the opening of the "Josep Lluís Sert, Arquitecto en Nueva York" exhibition at the Museu d'Art Contemporani in Barcelona, Spain. Mumford's essay on Sert appeared in the exhibition's catalog. ...

Celette Sugg Skinner, Ph.D., assistant professor of radiology, has received a \$115,000 grant from the Walther Cancer Research Institute for a project titled "Genetic Risk Assessment Counseling for Colo-rectal Cancer." **Alison J. Whelan**, M.D., assistant professor of medicine and of pediatrics, is co-investigator.

On assignment

Two members of the School of Engineering and Applied Science were

invited to participate in the President's Commission on Critical Infrastructure Protection's public meeting last June at City Hall in St. Louis. **Phillip L. Gould**, Ph.D., the Harold D. Jolly Professor of civil engineering and chair of the department, discussed emergency services and the work of the Missouri Seismic Safety Commission. **David J. States**, Ph.D., associate professor of biomedical computing and director of the Institute of Biomedical Computing, addressed the topic of telecommunications infrastructure and safety.

Speaking of

Stuart I. Greenbaum, Ph.D., dean of the John M. Olin School of Business, presented "Quality Management and Management Education" in Stuttgart, Germany, as the keynote speaker at Kompetenz (Competence) '97, a congress to promote the application of quality management principles to training and human resource development. Held in June, the conference was attended by 340 training professionals from Germany and other European countries. It was sponsored by German firms and chambers of commerce; Stuttgart, St. Louis' sister city; the state of Baden-Wuerttemberg; and BTC Training and Consulting, which assists the Olin School with its Stuttgart internship program. ...

Karen Tokarz, J.D., LL.M., professor of law, spoke on "The Supreme Court, Congress and Discrimination Based on Sexual Orientation" at the American Civil Liberty Union's 12th Annual Living Constitution Conference, held recently in St. Louis. She also spoke on "The Impact of the New American Bar Association Accreditation Standards" at the 11th Annual Midwest Clinical Conference in Cleveland.

To press

A book by **Barbara Flagg**, J.D., professor of law, titled "Broken Promises (And Not So) Little White Lies: White Race Consciousness and Law" has been accepted for publication by New York University Press. ...

The fourth edition of a book by **Stephen Molnar**, Ph.D., professor emeritus of anthropology in Arts and Sciences, titled "Human Variation: Races, Types and Ethnic Groups" has been published by Prentice Hall.

Guidelines for submitting copy:

Send your full name, complete title(s), department(s), phone number and highest-earned degree(s), along with a typed description of your noteworthy activity, to For The Record, c/o David Moessner, Campus Box 1070, or p72245md@wuvmd.wustl.edu. Items must not exceed 75 words. For information, call Moessner at (314) 935-5293.

Three promoted in alumni and development office

Three staff members from the Office of Alumni and Development received promotions effective July 1, according to David F. Jones, associate vice chancellor and director of the University's alumni and development programs.

David Jolley has been named as senior director of development for the George Warren Brown School of Social Work. He joined the University in January 1991 as director of development for social work and the School of Dental Medicine.

"This promotion not only recognizes David's fundraising and constituent relations accomplishments," Jones said, "it also recognizes the positive attitude and team spirit he displays on a day-to-day basis."

Before coming to the University, Jolley worked for 10 years as a sales representative at John Harland Co. in Atlanta. He received a bachelor of arts degree in psychology in 1975 from Ohio Wesleyan University in Delaware, Ohio.

Mary Costantin has been promoted to associate director of development

communications. She joined the Alumni and Development staff in December 1991 as a development writer. In July 1994, she was named assistant director of development communications. Costantin came to the University in July 1988 as a publications editor in the Office of Public Affairs and then served as editor of Alumni News.

"Over the last three years," Jones said, "Mary has taken on the additional responsibility of coordinating and directing an annual staff writing seminar to facilitate the creation and production of school annual fund appeal letters. She also has continued to make important contributions to the morale and efficiency of the department through her working and consulting relationships with staff."

Prior to her arrival at the University, Costantin was the manager of public relations at the University of Missouri-St. Louis. She received a bachelor of arts in English literature in 1957 from the College of Mt. St. Vincent in Riverdale, N.Y., and earned a master of arts degree in medieval English literature in 1958

from Columbia University in New York City. She is the author of two novels.

Heather Paymar Lake has been promoted to assistant director of parent and international programs. Since she joined the University in January 1996, she has assisted with the parent programs, particularly in organizing the Parents Council meetings and handling the day-to-day operations for the Passport to Knowledge travel program.

"Heather has developed good relationships with many of our parents and has greatly improved our responsiveness to potential travelers who call," said Jeannette R. Huey, director of international alumni and development programs and director of parent programs. "In her new position, Heather will take more responsibility for organizing the parent programs, particularly for the operation of the Parents Annual Fund; the Parents Council meetings, which are held twice a year; and the orientation for new parents, which is held each August."

Lake received a bachelor of arts degree in political science in 1994 from the University of California, Santa Barbara.

Housing and residential life announces staff changes

Two promotions, four new staff additions and a new title designation are among the recent changes in the Office of Housing and Residential Life, according to Justin X. Carroll, assistant vice chancellor for students and dean of students.

To begin with, the eight staff members formerly called "area coordinators" — those responsible for directing the operations and programmatic efforts of the residence halls as well as supervising the staff — have the new designation of "residential college directors."

Said Carroll: "This new title more accurately reflects both the job responsibilities of these important positions as well as the future direction of our on-campus student housing program."

Three of the eight residential college directors are new this fall. **April Mossberger** is working with Shepley Hall, **Catherine Soffronoff** handles duties in Shanedling, Dauten and Rutledge halls, and **Anyta Wilson** oversees Hitzeman, Hurd and Myers halls.

Mossberger received a bachelor of arts degree in marine affairs in 1995 from the University of Miami (Fla.), and a master of education degree in student personnel services in 1997 from the University of

South Carolina in Columbia. Soffronoff received a bachelor of arts degree in English in 1995 from Carleton College in Northfield, Minn., and a master of science degree in higher education and student affairs in 1997 from Indiana University in Bloomington. Wilson received a bachelor of arts degree in psychology and African-American studies in 1994 from Washington University, and a master in social work degree in 1996 from Howard University in Washington, D.C.

Among the newly promoted is **Jill Stratton**, who has been elevated to assistant director of housing and residential life. A member of the staff since 1993, she previously served for three years as area coordinator for Umrath, Rubelmann, Park, Wydown and Washington halls before being appointed coordinator for community education in 1996.

Stratton's new duties include serving as the key member of the central office team responsible for providing supervision, training and support to the eight residential college directors. She also will continue in her role as advisor to the Congress of the South 40 and its various programming committees and boards.

Stratton earned a bachelor of arts

degree in psychology in 1991 from Transylvania University in Lexington, Ky. She received a master of science degree in higher education administration in 1993 from Indiana University in Bloomington.

Also earning a promotion is **Jim Severine**, the manager of building services since 1992, who will assume an expanded role as manager of facility operations.

Severine will assist the residential college directors with their efforts to provide maintenance and housekeeping services for their respective residential colleges. There are eight residential colleges on the South 40, comprising 16 residence halls. Four on-campus apartment buildings are located at Millbrook Square.

Severine, who has been with the University since 1985, also will serve as the departmental liaison to Facilities Planning and Management on a wide variety of housing matters including oversight for Fraternity Row.

New to the housing and residential life staff is **Karen Ruder**, who is responsible for managing the office and providing support services for the staff. Ruder joined the University in 1987 and has worked for Student Financial Services and the College of Arts and Sciences.

Opportunities & personnel news

Hilltop Campus

The following is a partial list of positions available on the Hilltop Campus. Information regarding these and other positions may be obtained in the Office of Human Resources, Room 130 West Campus. Job openings may be accessed via the World Wide Web at cf6000.wustl.edu/hr/home. If you are seeking employment opportunities and are not currently a member of the Washington University staff, you may call our information hotline at (314) 935-9836. Staff members may call (314) 935-5906.

Accounting Assistant 980073 (part time). John M. Olin School of Business. Requirements: some college, completion of six hours college accounting or equivalent work experience in a university environment; familiarity with Microsoft word, Excel and Outlook; ability to interface and communicate effectively with stu-

dents, faculty and staff; ability to function independently and make sound decisions with minimum supervision; detail oriented; ability to organize, prioritize and work through multiple projects simultaneously; problem-solving skills; maturity, sound judgment and sensitivity in handling confidential payroll/personnel information.

Communications Technician I 980074. Communications Services. Requirements: training and/or experience in concepts of operation and maintenance of communications equipment; ability to do strenuous work and heavy lifting; flexibility in work hours and willingness to work overtime; possession of a valid driver's license; ability to detect and differentiate the telephone color code; skill with Unix, mainframe data entry, electronic technology and record keeping preferred.

Administrative Aide 980076. Engineering Student Services. Requirements: some college preferred; supervisory experience preferred; working knowledge of

PC (Windows word processing and database programs preferred); typing speed of 50 wpm; good communication skills and desire to work directly with the public; service and detail oriented; and ability to work in a busy office. Responsibilities include input, setup and maintenance of computer and paper files for undergraduate admissions, dual degree and career services; assisting with career services by receiving new job listings, distributing master recruiting schedule to students and alumni, and scheduling visits for corporate recruiters and compiling materials for interviews; typing and filing correspondence and reports; and assisting with major mailings.

Senior Investment Analyst 980077. Investment Management. Requirements: MBA with financial emphasis and four years experience in investment management; PC word processing and spreadsheet skills; self-motivated individual who is resourceful and analytical; ability to think strategically to evaluate policies

and procedures and resolve problems; and in-depth understanding of financial instruments and markets. Responsibilities include managing the daily responsibilities of the investment management functions dealing with risk management, investment manager performance evaluation and investment management of life income trusts.

Medical Campus

The following is a partial list of positions available at the School of Medicine. Employees interested in submitting transfer requests should contact the Human Resources Department of the medical school at (314) 362-7196 to request applications. External candidates may call (314) 362-7195 for information regarding application procedures or may submit résumés to the human resources office located at 4480 Clayton Ave., Campus Box 8002, St. Louis, MO, 63110. Please note

that the medical school does not disclose salary information for vacancies, and the office strongly discourages inquiries to departments other than human resources. Job openings also may be accessed via the World Wide Web at <http://medicine.wustl.edu/wumshr>.

Professional Rater 980175 (part time). Requirements: high school graduate or equivalent, some college preferred; interviewing skills using DIS; superior communication and organizational skills must be of a superior quality. Will train exceptional candidate. Responsibilities include interviewing research subjects using the Diagnostic Interview Schedule; tracking subjects previously enrolled in the research study; working with other staff members to coordinate interviewing process of children.

Accounting Assistant 980239 (part time). Requirements: high school diploma or equivalent; some office experience preferred; excellent

phone skills and strong interpersonal skills. Responsibilities include filing all office notes, letters and patient records; preparing new charts and adding new information as needed; copying and mailing medical record requests; and answering phones and taking detailed messages.

Systems Manager 980242. Requirements: bachelor's degree in related area; at least two years experience managing DEC computers; working knowledge of main-stream languages, databases, systems, operations and related applications. Responsibilities include system management for a Vax 8530, Microvax 3600 and Vaxstation; network management for Ethernet/Fiber optic Local Area Network; system analysis of current software packages and recommending new software packages; researching and providing solutions for PC integration; and interfacing departmental computers to other school and hospital computers.

Washington University's policy on computer use

The following is Washington University's new Computer Use Policy, which was approved by the Faculty Senate in May. For questions about this policy, contact your school, department or unit system manager, or email Shirley K. Baker, vice chancellor for information technology, at Shirley-Baker@library.wustl.edu.

Introduction

This document provides guidelines for appropriate use of computer facilities and services at Washington University. It is not a comprehensive document covering all aspects of computer use. It offers principles to help guide members of the Washington University community, and specific policy statements that serve as a reference points. It will be modified as new questions and situations arise.

While the proliferation of computers and information technologies does not alter basic codes of behavior in academic life, it does place some issues in new contexts. Using these technologies enables people to do varied things—both good and bad—more easily. They are an enormously rich resource for innovation in the furtherance of Washington University's academic mission. They also offer new forums for the University's historic commitment to the expression and discussion of a wide diversity of ideas and opinions. But they increase the risks of actions, deliberate or not, that are harmful in various ways, including: (a) interference with the rights of others; (b) violation of the law; (c) interference with the mission of the University; or (d) endangering the integrity of the University's information computer network. The guidelines that follow in the next section of this document seek to forge the link between established codes of conduct and use of new technologies. Computer networking has greatly expanded our ability to access and exchange information, requiring more vigilant efforts and perhaps more secure safeguards to protect individuals' rights of privacy. Property as well as privacy rights may be infringed whenever files or data belonging to others, however gained, are used without authorization; moreover, while freedom of inquiry and expression are fundamental principles of academic life, assaults upon the personal integrity of individual members of the academic community and dissemination of offensive materials may undermine the foundations of that community. Other actions taken by individuals may, under some circumstances, jeopardize the integrity of the computer network and the ability of others to communicate using this system. Accordingly, the guidelines that follow seek to both preserve the freedom to inquire and share information and sustain the security and integrity of individuals within the community and the computer system itself.

While some of the guidelines therefore call for respectful and responsible use of the computer networks to protect the rights of individuals, others warn against actions that may violate the law: users within the academic community must understand the perils of illegal use, exchange, or display of copy-

righted, deceptive, defamatory, or obscene materials on a web page or through other electronic communication channels.

The community at large has rights and expectations that must be considered. When individuals misrepresent either themselves or the University, or when they act by computer in a manner unacceptable within the University or in the larger community, the integrity and mission of the University itself is endangered.

Finally, the guidelines seek to protect the integrity of the University information systems themselves: the computing or networking resources need to be accessible and secure for appropriate uses consistent with the mission of the University; the usurpation of these resources for personal gain or without authorization is unacceptable. Moreover, even the individual right to privacy may, when personal files may need to be accessed for troubleshooting purposes, be overridden by authorized personnel to protect the integrity of the University's computer systems.

Principles and Guidelines

A. Respect the rights and sensibilities of others

1. Electronic mail should adhere to the same standards of conduct as any other form of mail. Respect others you contact electronically by avoiding distasteful, inflammatory, harassing or otherwise unacceptable comments. (In an academic community, the free and open exchange of ideas and viewpoints preserved by the concept of academic freedom may sometimes prove distasteful, disturbing or offensive to some. This policy is not intended to restrict such exchange.)

2. Others have a right to know who is contacting them.

3. Respect the privacy of others and their accounts. Do not access or intercept files or data of others without permission. Do not use the password of others or access files under false identity.

4. Distribution of excessive amounts of unsolicited mail is inappropriate.

5. While the University encourages respect for the rights and sensibilities of others, it cannot protect individuals against the existence or receipt of materials that may be offensive to them. Those who make use of electronic communications may come across or be recipients of material they find offensive or simply annoying.

B. Be aware of the legal implications of your computer use

1. The Internet enables users to disseminate material worldwide. Thus the impact of dissemination on the Internet is often far broader than that of a statement made on paper or in routine conversation. Keep in mind that a larger audience means a greater likelihood that someone may object with or without legal basis.

2. Much of what appears on the Internet is protected by copyright law regardless of whether the copyright is expressly noted. Users should generally assume that material is copyrighted unless they know otherwise and not copy or disseminate copyrighted

material without permission. Copyright protection also applies to much software, which is often licensed to the University with specific limitations on its use. Both individual users and the University may, in some circumstances, be held legally responsible for violations of copyright.

3. Many other state and federal laws, including those prohibiting deceptive advertising, use of others' trademarks, defamation, violations of privacy, and obscenity apply to network-based communications.

4. Because the Internet is international, it can be argued that the (often more restrictive) laws of other countries may apply. This does not mean that members of the University community should be censored by extremely restrictive foreign laws, but in some situations the University must take into consideration whether violations of foreign laws may affect the activities of the University in those countries.

C. Respect the mission of the University in the larger community

1. The University makes Internet resources available to students, faculty and staff to further the University's educational, research, medical, service and related missions. While incidental personal use is permissible in most settings, these resources are generally available only for University-related activities.

2. The University does not monitor the content of web pages, electronic mail or other on-line communications and is not responsible for the views expressed by individual users. Under certain circumstances, however, the University may be held liable if it fails to take reasonable remedial steps after it learns of illegal uses of its computer facilities. Use computer resources lawfully.

3. Remember that you are responsible for all activity involving your account. Keep your account secure and private. Do not use identifying data or common words as a password; your password should be difficult to crack or otherwise guess either by individuals or by sophisticated computer programs.

4. The University is the custodian of a wide array of personal and financial data concerning its students, staff, faculty and patients, as well as the University itself. Respect the University obligations of confidentiality as well as your own. Only those with authorization may access, communicate or use confidential information.

5. Material posted on Web pages is generally accessible and thus deserves even greater thought and care than your private electronic mail. Remember that, absent restrictions, your web page is available to anyone, anywhere, and act accordingly.

6. The university has a right to expect that computer users will properly identify themselves. Computer accounts are assigned and identified to individuals. Don't misrepresent yourself.

D. Do not harm the integrity of the University's computer systems and networks

1. Today's information technology is a shared resource. Respect the needs of others

when using computer and network resources. Do not tamper with facilities and avoid any actions that interfere with the normal operations of computers, networks, and facilities.

2. Avoid excessive use of computer resources. They are finite and others deserve their share. Chain mail, junk mail, and similar inappropriate uses of University resources are not acceptable. Web pages that are accessed to an excessive degree can be a drain on computer resources and, except where significant to the University's mission, may require the University to ask that they be moved to a private Internet provider.

3. Although a respect for privacy is fundamental to the University's policies, understand that almost any information can in principle be read or copied; that some user information is maintained in system logs as a part of responsible computer system maintenance; that the University must reserve the right to examine computer files, and that, in rare circumstances, the University may be compelled by law or policy to examine even personal and confidential information maintained on University computing facilities.

4. You are granted privileges and responsibilities with your account. While these vary between groups, the use of University resources for personal commercial gain or for partisan political purposes (not including the expression of personal political views, debate and the like) is inappropriate and possibly illegal.

5. Individual University computer systems have varying resources and demands. Some have additional and sometimes more restrictive guidelines applicable to their own user.

Implementation

A. All University codes of conduct apply to information technology as well as to other forms of communication and activity.

B. Systems managers or other individuals within an academic or administrative unit may be empowered to suspend some or all privileges associated with computer use in cases of misuse or threat to the integrity of all or part of the University's information management resources.

C. Before any permanent action is taken against a user, the user will be advised of the bases for the proposed action and given an opportunity to respond. Concerns about such actions may be raised through the usual administrative or academic channels associated with the department, school, facility or resource in question.

D. Where a violation of University policies or applicable law appears to warrant action beyond a suspension or elimination of computer privileges, the matter may be referred to a supervisor, administrator or University disciplinary body with appropriate authority or to law enforcement authorities.

E. Complaints or concerns about another's use of University computer resources should be directed to the administrator responsible for the facility or resource in question.