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# Record

WASHINGTON  
UNIVERSITY  
IN ST. LOUIS

Vol. 19 No. 33 June 22, 1995



John K. Wallace Jr., president of the William Greenleaf Eliot Society, presents a Heikki Seppä sculpture created specially for last weekend's tribute to the Danforths. Seppä is professor emeritus of art.

## 'A celebration of 24 years'

### Danforth tribute draws well-wishers from around the world

Chancellor William H. Danforth and his wife, Elizabeth "Ibby," spent last Friday night in the spotlight and Saturday afternoon in the sunlight as members of the University community paid tribute to 24 years of friendship and leadership. The weekend tribute included a formal dinner and a picnic, old family photographs and a state-of-the-art video, champagne and lemonade, and a commissioned portrait and face painting.

On Friday, about 1,100 people attended a formal dinner in the grand ballroom of the Adam's Mark Hotel in honor of the Danforths. At the event, hosted by the Board of Trustees, friends, representatives of the faculty, trustees, family and alumni paid tribute to the couple. Speakers included former trustee and corporate leader August A. Busch III and his wife, Virginia, a graduate of the College of Arts and Sciences and the School of Law; trustee John F. McDonnell; James E.

McLeod, dean of the College of Arts and Sciences; engineering alumnus and life trustee I. E. Millstone; and alumna and trustee Ann Tisch. The master of ceremonies was William M. Van Cleve, chair of the Board of Trustees.

Attendees included the Danforths' children and some grandchildren, as well as alumni and friends from across the United States and beyond.

McDonnell announced the creation of

*Continued on page 4*

### Danforth discusses past, present, future of Washington University

*The following text is an excerpt from a speech Chancellor William H. Danforth delivered at the April 11 meeting of the William Greenleaf Eliot Society.*

I came to Washington University 44 years ago as an intern on the medical service at Barnes Hospital. I was inspired by what I found. Washington University was then the home of some of the greats of science and medicine. Carl Cori, a Nobel Prize winner, with whom I later worked, headed the Department of Biochemistry. Barry Wood, who was a living legend since the time he had been top student and top athlete at Harvard, led my department, Internal Medicine. Evarts Graham, the discoverer of how to visualize the gall bladder and the first to remove a human lung, was chief of surgery. I was awestruck by these heroes. They were examples of what marvelous contributions a human could make to this world. I set out to emulate them.

Ibby was great. She put up with my dreams and my work habits. I was on duty every day, every other night and every other weekend and there was the endless worrying about patients. On my nights on duty, Ibby showed up at the Barnes' doctor's waiting room so that we could have our supper together. She was wonderful, patient and tolerant, willing to wait for me and understanding when I was called away before she had finished eating. That was our preparation for serving Washington University during the years I have been chancellor. Ours was not the way of most marriages today, but we loved each other and grew together.

Now I am completing 24 years as chancellor. Ibby and I have been privileged to serve an institution that still strikes

awe and wonder in me. I know it has the same inspirational effect on the young today as when I first came. Just as I was, they are challenged to do their best. That is what makes Washington University worth working for.

The years have gone by quickly. Our judgment of time is, of course, relative; we have to compare it to something. I remember when one of my daughters said to me, "Dad, are you 39 or 93? I never can remember which." To a 7-year-old there was not much difference between those two ages. Actually, our lives are short, very short in geological or even historic time. Even the longest life is a brief moment in the history of our species and not even an instant in the history of our planet. Even the greatest of us can accomplish only a little in the time allotted.

And yet our species has changed the shape of the earth and now has even reached out to the moon and the planets. How, I sometimes wonder, is it that a single human being can accomplish so little and yet we humans together accomplish so much? I think of two major reasons.

The first reason is that we start with so much. We are blessed with a great inheritance. We are heirs to the work and sacrifice and genius of those who have gone before. For example, we owe our American democracy to many: to the Greeks who invented the concept and coined the word, to the English who hammered out a system of laws covering king as well as commoner, to our nation's founders who

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## Widely acclaimed author, professor Stanley Elkin dies

Plans are under way for an on-campus memorial service honoring Stanley Elkin this fall. Elkin was the Merle Kling Professor of Modern Letters at Washington University, where he served on the faculty for 35 years. Elkin, a resident of University City, died of heart failure at Jewish Hospital on May 31. He was 65.

A diagnosis of multiple sclerosis (MS) in 1972 and two heart attacks did not halt Elkin's prolific writing career. His health problems also couldn't keep him from teaching classes at the University and in his home, or from taking travel assignments.

His colleague Wayne Fields, Ph.D., dean of University College and professor of English, said there was never any resignation in Elkin or in the characters he created. Even though Elkin often wrote about illness and mortality, his work was never melancholy, Fields said. "His stories are full of life. There's this wild language stuff going on all the time. The characters in his novels, who are almost always confined in some way, are also breaking their confinements in some incredible fashion."

"They refuse to be constrained even by the threat of death. In his novels dying little kids go to Disneyworld. They don't simply stay home and die. Everything gets more outrageous instead of the notion of learning to live with it. Stanley never learned to live with it and neither do his characters."

Fields called Elkin an "aggressive" MS patient. "Some of the people I have known with diseases like MS just seemed to disappear. He (Elkin), by God, was going to be out there."

Elkin's wife of 42 years, Joan, always was by her husband's side and enabled him to stay active, even after he was confined to a wheelchair, Fields said.

During his career Elkin wrote 17 books — 10 novels and seven collections of shorter works. His writing has been described as "lyrical, bleak and fantastic" at the same time. Elkin wrote with what critics called an "absurdist bent," creating preposterous fictional characters and situations that allowed him to explore the pain at the heart of the human condition. Josh Greenfeld, in a review for The New York Times, wrote, "I know of no serious funny writer in this country who can match him."

Elkin's novels are populated with a menagerie of characters: slick-talking salesmen, threatening funeral directors, jilted professors, the downtrodden more often than not, who struggle bravely. "The Magic Kingdom" (1985) tells the story of a group of terminally ill children who are taken on an outing to Disneyworld.

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**'Not-Quite-Ready-for-Staff Day Players' entertain William and Elizabeth "Ibby" Danforth**

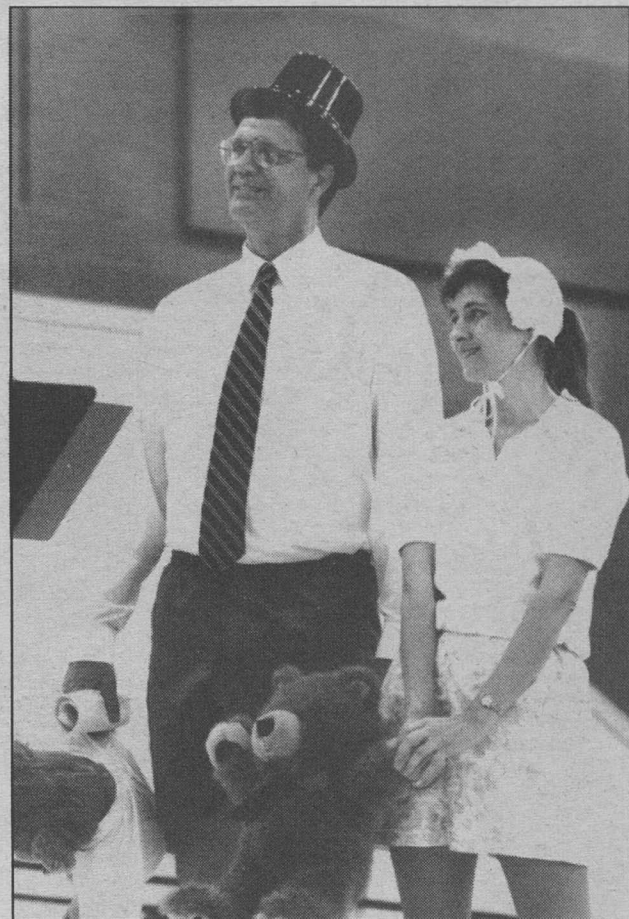
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**Study finds certain growth factors called neurotrophins can cause nerve cells to die**

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**Psychology building is scheduled for occupation in September**





Top left, the cast of the Not-Quite-Ready-for-Staff Day Players sings the reprise of "Danforths," a parody sung to the tune of "Mame." Top right, Chancellor William H. Danforth and his wife, Elizabeth "Ibby," enjoy the performance. Bottom right, Mark Edwards, head basketball coach, and Karen Gregory, manager of student billing, as Bill and Ibby Danforth. Bottom left, the crowd erupts into a sea of arms waving photographs of the University's first couple.

## Not-Quite-Ready-for-Staff Day Players perform parody of Danforth era

Washington University employees used this year's Staff Day as an opportunity to thank Chancellor William H. Danforth and his wife, Elizabeth "Ibby" Danforth, for 24 years of service. Danforth is retiring June 30.

The May 22 festivities included the usual staff service award and recognition ceremony, followed by a rousing tribute by the Not-Quite-Ready-for-Staff Day Players. The troupe of about 30 employees entertained the Danforths with scenes from the past two-plus decades in "Chan Dan, Missis Ibby and the Staff (Without Whom Washington University Could Not Function at All): A Journey From Cradle to Commencement."

The performance, written by Mary Costantin, assistant director of Development Communications, and directed by Faith Maddy, director of development, School of Architecture, included everything from a streaker and protesters from the 1970s to the chancellor's most recent performance evaluation at the hand of solemn mop-wigged members of the Board of Trustees. Other characters included Mark Edwards, head basketball coach, as the chancellor in a Lincoln-esque top hat; Laurie Lindauer, office manager at Forsyth Residence Halls, as the cheerleader trying to come up with an alternative to the name "Ibby;" Costantin as Gloria "Glorious" White, vice chancellor for human resources; and Tom Evola, associate director of computing at the John M. Olin School of Business, as Kato Slacker, a reporter from Los Angeles on hand for the Presidential Debate. The voices of Judy Ruhland, administrative assistant in the Office of Public Affairs, and Christine Wyrick, administrative coordinator for academic affairs at the business school, provided the melody and doo-wop.

Before the performance, the audience was entertained with a video featuring clips of employees wishing the Danforths well in song and poem. Large posters artfully representing the good wishes of every department and office on the Hilltop Cam-

pus ringed Francis Gymnasium. The University's first couple had another surprise at the end of the show when the gymnasium erupted into a sea of arms waving hand-held photographs of "Chan Dan" and "Ibby," and White presented each with a watch on behalf of all the employees.

Outside after the Staff Day luncheon, the Danforths complied with employee requests to sign their photographs and helped choose the names of two employees who won free trips courtesy of Maritz Travel Co. Catherine Cummings, executive secretary at Olin Library, won a trip to San Diego, Calif., and Julie Steininger, assistant to the publication manager at the Center for the Study of American Busi-

ness, won a trip to Santa Monica, Calif.

Members of the Staff Day Steering Committee were: Russell Bettlach, Housing; Costantin, Alumni and Development; Evola, Business; David Jolley, Alumni and Development; Maddy, Alumni and Development; and Josephine Simpson, Athletics. Other performers were: Becky Betebenner, Alumni and Development; Coretta Bozeman, Information Systems; Melissa Buller, Admission; Jim Burmeister, Public Affairs; Lee Clark, Greek Affairs; Karen Edwards, Social Work; Mark Edwards, Athletics; Karen Gregory, Accounting Services; Marcia Hayes-Harris, Residential Life; Terri Hunt, Housing; Larry Kindbom, Athletics; Catherine Knoebel, Business;

Kathy Lasater, Athletics; Lindauer, Residential Life; Margaret McClelland, Psychology; Dan Mehan, Alumni and Development; Donna Jo Mollerus, Publications; Raye Riggins, African and Afro-American Studies; Ruhland, Public Affairs; Sean Ruprecht-Belt, Central Stores; Jo Ann Scanlon, Facilities; Sandy Spaulding, Accounting Services; Joanne Spitz, Alumni and Development; Jim Swiney, Accounting Services; Lyle Terrell, Campus Stores; Adele Tuchler, African and Afro-American Studies; Ron Van Fleet, Alumni and Development; Airika Williams, Campus Stores; Diane Woepke, Scheduling; Janell Wren, Cashier's Office; and Wyrick, Business.

— Susannah Webb

## More than 100 employees receive service awards

Employees who have worked at Washington University for 10, 15, 20 and 26 years received service awards at an awards ceremony held at the Athletic Complex on Staff Day.

Assisting Chancellor William H. Danforth and Gloria W. White, vice chancellor for human resources, in the awards presentation were David Blasingame, vice chancellor for alumni and development, Edward S. Macias, provost, Richard Roloff, executive vice chancellor, Ralph Thaman, director of Facilities Planning and Management, and M. Fredric Volkmann, vice chancellor for public affairs.

Employees with 26 years of service received a watch with the Washington University seal on the face. A gold Cross pen and pencil set adorned with the Washington University seal was presented to employees with 20 years of service. Employees with 15 years of service received walnut bookends decorated with a cast bronze Washington University seal, and 10-year employees received a silver Cross pen and pencil set.

Employees receiving service awards were:

**26 years of service:** John Augustin, Janet Bowdry, Robert Easton, Jean Elkins, Wayne Fields, Linda Ford, Henry Key, Sanok Kim, Robert Lewis, William Lobbell, Irma Morose, Sachiko Morrell, Thomas Simmons, Patrick Swan and Carolyn Yarber.

**20 years of service:** Beatrice Adams, Florida Bosley, Paula Canoy, Mark Conway, Carolyn Craig, Erle Craig, Deborah Davis, Denise Doner, David Doran, Charlotte Ellis, Pauline Farmer, Annie Fields, Bonnie Hill, Glen Horton, Shanti Khinduka, Venita Lake, James McLeod, Ann Panhorst, Susan Plattner, Bernard Reams, Linda Sanford, Mary Vander Pluym and Sharlene Weber.

**15 years of service:** Anthony Abaffe, Charles Abraham, Gisela Ahada, Lynn Aromando, Shaaron Benjamin, Russell Bettlach, Elizabeth Bloomfield, James Bond, Ernestine Butler, Kristy Chamberlain, Karen Levin Coburn, Irene Darden-Bey, Robert Franklin, Thomas George, Gary Grath, Annaliesha Hanebrink, Ethel Hochberg, Ann Hogan, Massoud Hooshmand, David F. Jones, Karen Klein, Ernest Kwarteng, James

Loneragan, William Marsden, Laverne Mayer, Annie McDuffie, Elinor Nelson, Michael Powell, John Russo, Robert Sparks, Dennis Sutherland, Claretta Swift, Martha Tillman, Nada Vaughn, Mark Werner, Mildred Williams, Diane Willis, Victoria Witte and Cathleen Woelbling.

**10 years of service:** James Ames, Mary Lou Anastasia, Margaret Bischof, Cynthia Bornhop, Carol Brown, Pamela Buatte, Sue Butler, Elisabeth Case, Otis Cheshire, Nadine Crase, Catherine Cummings, Sandra Devereaux, Dianne Duncan, Karen Edwards, Omar El-Ghazzawy, Charles Fuchs, Cheryl Genovese, Phil Godfrey, Linda Hartmann, Susan Horstmann, Karen Jaffe, Delores Kennedy, Ann Lacy, Mark Lavi, Diane Lee, Bettie Lloyd, Sharon Matlock, Ricky Mifflin, William Nolte, Janet Olliges, Dennis Paul, Sheryl Peltz, John Perkins, John Pingree, Marie Propst, Samantha Rainwater, Maureen Ronken, Sean Ruprecht-Belt, Donald Sayer,

Charles Shelton, Elizabeth Skaggs, Susan Slavney, Keith Thomas, Susan Wallace, Karen Williams, Doris Wellman, Michael Wolf and Stuart Yoak.



# Danforth envisions University 30 years from now — from page 1

wrote the Declaration of Independence and the Constitution and to American heroes who defended and extended our democratic traditions. It is the same with the economic system that has brought undreamed wealth to our nation. I could go on and on with other examples.

Washington University did not just grow like the great elm tree in the quadrangle. It is the offspring of English colleges and German universities, of Unitarian idealism and practicality, of the vision and know-how of St. Louis business leaders, of the originality and aspirations of faculty and of the dreams and support of thousands of alumni and friends. In other words, one of the world's great institutions has been created and maintained by the toil and sacrifice of people not so different from you and me.

I like to think of us as part of a great living chain that extends as far back as one can imagine. Each generation creates a link and that link is forged by education. Break one link and humankind would descend into barbarism. The metaphor does not quite hold for we also learn new things so that, if we do it right, each link can be stronger than the preceding one. The chain then will be very unusual; it will be no weaker than its strongest link.

A second reason why humanity accomplishes so much is that we are not here alone. We join with others to create great works. Washington University is a corporate rather than an individual creation. ...

I have frequently asked myself, "Have we, who have been responsible for Washington University, accomplished enough given the time, the energy and the treasure at our disposal? Have we done what we should to preserve and enhance the ideals and the traditions of excellence of Washington University?" To put it simply, "Have we been good stewards?"

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## *A great university is about setting people on fire.*

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I think we have done OK, never as well as we might, but we have made progress. Let me just list some of our accomplishments. They are yours and mine, but they also belong to thousands of others, faculty, staff, students, alumni, friends.

First, we have extended the Washington University family. Americans have a great tradition of neighbor helping neighbor. That tradition was evident during the flood of '93. But, what is exciting to me is that the idea of neighbor helping neighbor is no longer geographically limited. Literally, tens of thousands of people spread around the globe are necessary for a successful university in our day. Our Alliance Campaign had 50,000 donors. That all of these alumni, parents and friends have joined hands to build Washington University is, to me, one of the miracles of our age. If you ever get discouraged, think of all of these people motivated to share their work and wealth for a noble cause.

Another point: Washington University has brought together into one community children of people of African, American, Asian and European descent representing all religions and ethnic traditions. They are living together harmoniously, setting an example, I hope, for the way in which people the world over can learn to live with one another.

Again, we have become an international university. Today there are about 1,000 foreign nationals on our campuses. Our alumni are spread around the globe.

Our most important product is our graduates. Each year about 2,500 of our students graduate. That would calculate to about 60,000 during my time as chancellor. I view them as 60,000 leaders and potential leaders. Each student has been carefully selected for intelligence and promise. When you think about education at Washington University, it is important to have the right image. One might imagine education as a faculty member with a large pitcher pouring education into the heads of attentive students. That is the wrong picture. A better image is of a torch, touching those not yet alight and setting them on fire. The newly lit torches are then ready to spread light and set others on fire. A great university is about setting people on fire.

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## *The works of the faculty circle the globe. They will be read and pondered by this and by future generations.*

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Graduates of the last 24 years are now scattering their lights around the world. Many are raising their own families and making their mark on the world. They are a diverse lot, scientists and business people, teachers and lawyers and physicians and dentists and artists and social workers and architects and engineers. One has already won a Pulitzer Prize. Others will soon make as important contributions.

For what would I most want to be remembered?

We are home not only to students of promise, but also to some of the world's most imaginative and creative scholars, scientists and artists. It is impossible to count the books, papers and poems written by the faculty or to

add up the inventions, paintings, pieces of sculpture and so on. We have had two poet laureates of the United States and writers of some of the most noted novels. Our faculty have led in understanding how the brain works and in mapping the human genome. Doug North won the Nobel Prize for adding to the understanding of why some societies are rich and some poor. Our faculty have been involved in discovering the metal rain of Venus and mapping earthquake eruptions. They have made possible new advances of the information superhighway and studied the possibility of asset accumulation by the poor. They improve our laws and our buildings. They contribute to the environment — physical and aesthetic.

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## *We have kept alive and well for future generations one of the great treasures of the world.*

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The works of the faculty circle the globe. They will be read and pondered by this and by future generations. These products of the minds of Washington University faculty will be boons to the children and grandchildren of the Russians and Chinese, the Afghans and the Nigerians, the Brazilians and the Norwegians, the Croatians, the Bosnians and the Serbians as well as our own children and grandchildren.

Continuing the list, we have embarked with our partner hospitals in the Washington University Medical Center on a great experiment in healthcare and in coupling education and research to a cost-effective system for caring for patients. This system, if we do it right, should be a boon both to the region and a model for the nation.

We have preserved and, I hope, enhanced one of the world's most beautiful campuses.

The services performed by Washington University faculty, staff and students have grown. I think that few realize the direct and indirect services to the St. Louis community.

- Today, Washington University provides full- and part-time college, professional and graduate education to 3,500 bright and able people from the St. Louis metropolitan region. Many have scholarships.
- 8,000 additional students from all racial and ethnic groups come to Washington University from other regions of the nation and from other nations making St. Louis a national and international center for education.
- 31,858 Washington University alumni now live in the St. Louis metropolitan area.
- Over two-thirds of the federal funding for research that comes to Missouri is attracted by Washington University faculty.
- The University is the sixth largest employer of the region.
- Energetic students serve as volunteers for community projects ranging from providing food for the homeless to teaching reading to children in need and working with the disabled.
- The medical school makes its own special contributions.
- St. Louisans have available medical care which is second to none.
- Over half the medical specialists of the community are Washington University alumni.
- Last year over \$120 million in unreimbursed care was given, most of it to citizens of the region.

Our involvement with high school education is not always recognized.

- Last year over 6,500 grade and high school students visited our campuses for educational purposes.
- Faculty work with K-12 teachers to improve education, especially science and international education for the children of the area.

Thus, we have been embarked on a great adventure to preserve and enhance human learning and wisdom, to educate the leaders of tomorrow and to give service as we go about our work. While Washington University serves the community and the region, it is also a gift from St. Louis to the world. What an opportunity it has been to work for Washington University in partnership with a company of wonderful people.

We have kept alive and well for future generations one of the great treasures of the world. We have also kept alive as well our faith that education can improve the human lot and that by learning each generation can be better than the last.

That hope, that faith in education and learning does not seem to be misplaced. Despite the lamentable crimes and tragedies that are always before us, despite the foolishness and craziness of some of our fellow creatures, the human race has advanced. We are more healthy and we live longer. Sanitation is better. The barriers of distance have been almost abolished. People of all lands are carried to and fro by ships and planes. The world is linked electronically. We have instant communication by telephone, by television, by fax, by e-mail. The barriers of language and culture are being lowered. We understand a good deal more about our own behavior and are frequently reminded of our past follies. We have developed institutions and laws

that shelter and protect us from our own excesses. None of these things would have happened without our great centers of learning.

I have talked about greats of the past whom we revere and honor. I have touched on the accomplishments of the present. Now I want to look to the future. I can guarantee that the generations coming after us are not of the same stuff as we. They will have the same dreams of peace and justice in a better world. Like us, they will work and sacrifice to make those dreams come true. The young people of today are like us, only younger, more idealistic, more energetic, less experienced, less cautious, less wise, in other words exactly as we were at their age. We should have no illusions; their generations will experience also the dark side of human nature, the stupidities, the group misunderstandings and hatreds, the crimes, just as we have but, with their education they will have the capacity to triumph over these ever present obstacles and to build beyond our dreams, just as we have tried to build beyond the dreams of those who have gone before us. I am sure they will succeed.

Of course, I wanted evidence for my predictions, so I turned to technology for help.

Those of you who have been to Commencement may remember that I have a crystal ball. It is very modern. It is hooked up to a computer. It is set up so that I can scan through the years. It's a little like flipping through TV channels.

None of us need worry about the future of Washington University. It will endure, at least until 250 years from now, which is as far as I can see with the current model. Probably no one in this room is surprised. Most institutions come and go, but universities keep going and going and going. Nobody takes them over. No one tries to sell them for a profit. They will always be in demand, for the need to educate is as perennial as the grass; it will go on as long as parents have children and children grow to adulthood, as long as scholars like to clump together. Even in the year 2245 electronic communication will be a poor substitute for face-to-face conversation.

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## *... for the need to educate is as perennial as the grass; it will go on as long as parents have children and children grow to adulthood, as long as scholars like to clump together.*

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When I get out too far into the future the image flickers, so to get clarity I had to dial back to April 11, 2025, that is 30 years from today. Some who graduated in my era were planning their 50th reunion. The campus was still beautiful on that spring day. Our magnificent buildings were in good repair. The green space was well preserved. The students, from all over the world, were dressed in what I took to be the fashion of that era, ties and blazers for the young men, skirts, blouses and saddle shoes for the young women. I saw two visiting parents chatting, so I hooked up the speaker and heard one of them say, "I don't know what is the matter with young people today. Look at those clothes; they are so frivolous, even foppish. It is time they grew up. And their music, it's so slow and quiet, it's boring. Remember that beat that we used to have. It still turns me on."

I tuned in to the annual meeting of the William Greenleaf Eliot Society. Some of us were there. I had just celebrated my 99th birthday. I listened to some of the conversations. Here is some of what I heard:

From a middle-aged individual, "Washington University has certainly made a lot of progress in the last 30 years."

From another, "Yes, I don't take those ratings too seriously, but it is nice to be at the top of every one."

From a third, "It is even more amazing to think that this year all of our Division III teams beat the Division I winners." (I may not have heard that last sentence exactly right, but it doesn't hurt to dream.)

A young alum said, "Washington University has prepared me well for my life."

One of you here tonight, who looked a bit older, said, "I agree, but I can't believe how many hours I have put into Washington University in the last 30 years, and the money. I spend more on Washington University than on myself, but, you know, I actually feel good about it because I have helped to build something lasting that will benefit people tomorrow and 100 years from now."

Someone I did not know added, "Me, too, and getting to know some of those students has added meaning to my life."

Another said, "Just think, my contribution helped to conquer cancer."

That's what I heard. Oh, and I almost forgot. One hundred years from now a new history of Washington University will be written. Our chapter will end with the words: "They did their best given the limited vision and understanding of those days. They taught their young what they perceived to be beautiful and true while trying always to learn more. They advanced the age-old struggle for peace and justice. They were good stewards, preserving and enhancing the institution they were given. Because they and their generation worked for the common good, we today have peace, health, prosperity and the legacy of a great university."



# Faculty members pay tribute to Chancellor Danforth

**O**n May 8 more than 200 faculty members attended a special Faculty Senate meeting in honor of Chancellor William H. Danforth, who will retire June 30 after 24 years in the post. The following excerpts were taken from several faculty members' remarks to the chancellor, who gave a final report and received a standing ovation. The faculty also presented him with a bronze cast from the original model for the larger sculpture of the Bears (which stands outside the Athletic Complex) by Richard Duhme, professor emeritus in the School of Art.

"The past few days have provided a vivid reminder of the extent to which our academic institution is really a community, and how central the person of Chancellor Danforth is to the quality of that community. Anthropologists study small-scale communities and one thing we have learned is that the apparent naturalness of communities is false. Communities are made, and they are made by leaders like Chancellor Danforth, who nurture the individuals in the community. He nurtures by his quiet, but visible presence, by promoting others to the limelight — not drawing attention to himself, and by his instinct to know what is called for in a time of tragedy and in a time of creative opportunity. His calmness affords stability in times of crisis and his integrity fosters the possibility of cooperation, so necessary for excellence."

— **Jean Ensminger, Ph.D.**, associate professor of anthropology

"I've had the pleasure of knowing Chancellor Danforth for 21 years. Over those years, I've observed, respected, and learned a great deal from the way in which he has gone about his work as chancellor. ... Among the lessons I've learned, or tried to learn, from you Chancellor Danforth: Know and use people's names. ... Pick the very best people to

work with, and give them lots of credit. ... Enjoy your work. ... Always say thank you. ... Set the very highest standards of excellence, for our own work, for the University's work. ... Take time to enjoy our beautiful campus. ... Work hard, and work ahead of time. ... Take the long view, for it leads to greater optimism. ... Students come first, and we, as University faculty, need to do our part in caring for them. ... Our work for the University as an institution is important. ... Thanks for the many wonderful lessons."

— **Enola K. Proctor, Ph.D.**, professor of social work

"Everyone knows why we must suffer this loss. Our leader says he left us 'to pursue other interests,' 'because it's time for a change,' 'because he has become a chancellor of a certain age.' But he has publicly confessed he did it in order to avoid having to introduce me yet another time. Having performed a few introductions myself, I sympathize. So sadly I shoulder the blame. Sadly, too, because Bill Danforth has been as good a friend to literature here as a publisher with taste and a loose purse. I begged him to reconsider. I promised never again to ask for, expect, or receive his gracious services. I

vowed never to venture near another podium, introduced or not. He said it was a tempting offer. His smile was wider than Alton Lake at last. He said he'd think it over. ...

"The plan says we should think tall, stand tall, live tall and smile tall. That's too tall an order for me. But Bill Danforth has been tall in every direction. He's quietly cared, dared and outdone us all."

— **William H. Gass, Ph.D.**, David May Distinguished University Professor in the Humanities and director of the International Writers Center

## Danforth celebration centers on family — from page 1

The Danforth Scholars Program, to which about 4,000 people already have contributed approximately \$4 million. The program will make scholarships available for students in each of the University's schools beginning in the fall of 1996. To be designated a Danforth Scholar, a student must evidence talent, achievement and good character.

A highlight of the evening was a video narrated by the William Danforth's brother, former U.S. Sen. John C. Danforth, depicting his eldest brother's rise to chancellor. Included were photographs and video clips of the chancellor in his high school football uniform, as an undergraduate at Princeton, on his wedding day, as a medical student at Harvard, as a physician and, after he was named chancellor, at commencements, athletic events, on the South 40 reading bedtime stories, greeting new faculty, among others. The video is available in the audio-visual/reserve section on the second floor of Olin Library.

Elizabeth Danforth and McDonnell then unveiled a portrait of the chancellor painted by alumnus Gilbert Early Jr., and

both Danforths made remarks. Following the singing of the alma mater, guests joined the Danforths for champagne and coffee.

On Saturday, an estimated 1,800 University friends and their families converged on campus to pay a less formal tribute to the Danforths. At an open house hosted by the Alumni Board of Governors, participants sampled the food of 18 local vendors and attended a presentation to the Danforths featuring Barbara Feiner, 1995-96 chair of the Alumni Board of Governors; master of ceremonies Jerry Sincoff, 1994-95 chair of the Alumni Board of Governors; Daniel Shea, Ph.D., professor of English; Marc Sternfeld, former chair of the Parents Council; Van Cleve; John K. Wallace Jr., president of the William Greenleaf Eliot Society; and Dong Hee Lee, a parent who traveled all the way from Korea to attend the tribute. Gerald Early, Ph.D., professor of English and director of the African and Afro-American Studies Program, also gave a lecture on his involvement in the Ken Burns' documentary "Baseball." The Danforths also spoke and were presented with artwork from University faculty and

a Heikki Seppä sculpture created specially for the occasion.

The day's events also included campus tours, historical displays of Danforth-era memorabilia — including copies of the Record, Washington University Magazine and Student Life and photographs by Herb Weitman, former director of Photographic Services; music by the band Galaxy and Jim Dandy's Barbershop Quartet; a virtual reality exhibit created by the Department of Earth and Planetary Sciences; a running video of the Danforth years; a Gallery of Art exhibition; and a balloon launch. A special children's area featured clowns, face painting, pony rides, games and moonwalks.

"Family is so important to the Danforths and they have made Washington University such a part of their family that we wanted to honor them with a family day," said David Blasingame, vice chancellor for alumni and development, who organized the event. "I thought it was a great success and, most importantly, the chancellor and Mrs. Danforth really seemed to be having fun."

— **Susannah Webb**

## Hyperion to publish Elkin's final novel this fall — from page 1

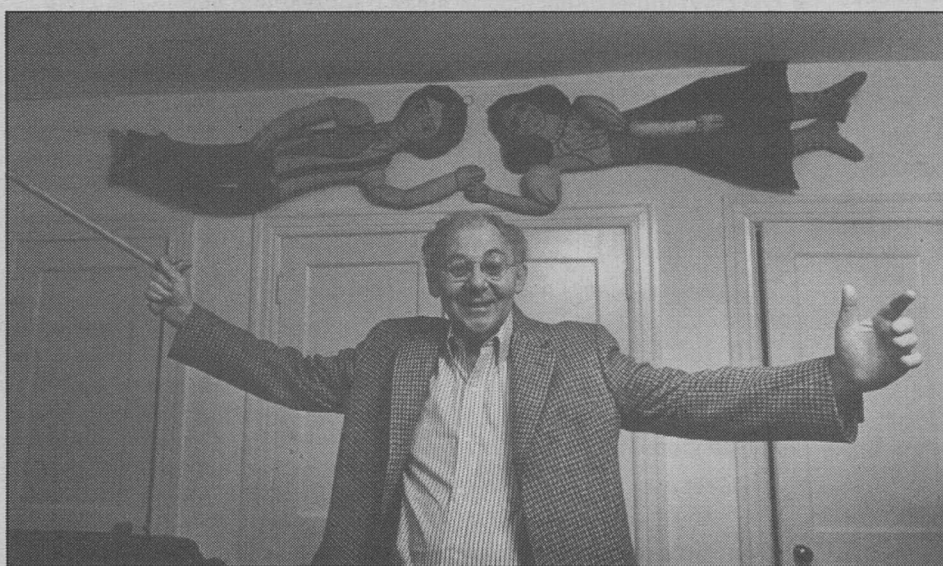
Naomi Lebowitz, Ph.D., Hortense and Tobias Lewin Distinguished Professor in the Humanities, once described Elkin as "a great poet of our pain."

His novel "George Mills," which follows a thousand-year lineage of losers with the same name, from a misguided medieval crusader to a furniture mover in present-day St. Louis, won the National Book Critics Circle Award in 1982. In a review of "George Mills" Ralph B. Sipper wrote, "Elkin's trademark is to tightrope his way from comedy to tragedy with hardly a slip." (Three other books — "The Dick Gibson Show" (1971), "Searches and Seizures" (1973), and "The MacGuffin" (1991) — were nominated for the National Book Award in fiction.) Last year he was a finalist for the PEN/Faulkner Award for his collection of novellas "Van Gogh's Room at Arles."

Although he enjoyed high critical praise and international acclaim for many of his books, he never wrote a best seller or realized great popular success. Elkin delighted in language, and his prose is filled with long, loopy sentences containing dashes, parentheses, polysyllables and wordplay. "He has that timing down perfectly," said novelist Geoffrey Wolf in an article for The New York Times. "He pushes you past your endurance, you start to get irritated, he pushes you one inch further and then you love it. When I hear his sentences, I respond with wonder."

A Los Angeles Times reviewer described Elkin as a talented wordsmith who wrote "sentence by bejeweled sentence." His books, however, are not for those with short attention spans. Critics have called Elkin a "writer's writer" and said that he is "an acquired taste." His plots seldom proceed straightforwardly.

"He was like a jazz artist who would go off on riffs," said William Gass, Ph.D., David May Distinguished University Professor in the Humanities and director of the University's International Writers Center. Gass once said Elkin "has enormous linguistic verve, and he's funny and sad and all the rest of it, but he takes his work to a level that most people are not



Stanley Elkin in 1984.

willing to follow. I don't see him ever becoming a popular writer, because he's too good."

Upon learning of Elkin's death, Chancellor William H. Danforth said, "He was a talented and original writer with a great wit. But I will always think of him as a realist who saw the world and its people with a clear and generous eye."

Elkin was born in the Bronx. His parents, Philip and Zelda, moved to Chicago's South Side when he was 3. His father was a costume jewelry salesman — a "super pitchman," Elkin said. It was Elkin's father who first inspired him with a sense of story. Elkin began writing stories in grade school. After graduating from South Shore High School in Chicago, Elkin attended the University of Illinois at Champaign-Urbana, earning a bachelor's degree in English in 1952, a master's degree in 1953 and a doctorate in 1961. He met Joan Jacobson there, and they married on Feb. 1, 1953. He served in the U.S. Army from 1955-57.

Elkin came to Washington University as an English instructor in 1960. By 1969 he had attained the title of full professor. He became the Merle Kling Professor of Modern Letters in 1983.

He was a famed and feared teacher at the University, who didn't want his students to call him Stanley. "I call them Mr., and I expect them to call me Mr.," he used to say. Some students have accused him of being mean. In a St. Louis Post-Dispatch article Elkin offered this response: "I think some of my students feel that I'm a bit rough around the edges when it comes to dealing with them. I don't see myself as gruff. I see myself as an honest teacher. I never say, 'Hey, don't give up your day job,' but I won't encourage someone who doesn't have what it takes."

"My job is not to tickle them under the wings. Writing is as much an act of criticism as it is of writing."

Students in his workshops have been known to tremble in the wake of his comments. But former student Matt Leibel said he "welcomed the opportunity to have the work discussed on such a high level — to get that kind of critical feedback."

"His desire, which you can see in his own work, is to push things to extremes and see where they'll take you, in terms of both the sentence and the situation," said former student Elizabeth Graver, now an author herself. "He is a master of

metaphor, a meticulous editor. He was a very good teacher for me."

Shortly after coming to Washington University Elkin published his first two novels, "Boswell" (1964) and "A Bad Man" (1967), and a collection of short stories, "Criers and Kibitzers, Kibitzers and Criers" (1966). In the 1970s Elkin completed "The Dick Gibson Show" (1971), "The Franchiser" (1976), and "The Living End" (1979), and a book of three novellas, "Searches and Seizures" (1973).

In 1982 he finished his novel "George Mills," seven years in the making. That same year Elkin was elected a member of The American Academy of Arts and Letters. Elkin later said he thought "George Mills" was the best book he'd ever written and he was worried that he had reached the top of his form and that he might not write any more novels.

But a string of novels followed: "The Magic Kingdom" (1985); "The Rabbi of Lud" (1987); and "The MacGuffin" (1991). His essays were collected in "Pieces of Soap" (1992), and in 1992 he published a collection of three novellas, "Van Gogh's Room at Arles." Along with these works, Elkin also adapted part of his novel "The Rabbi of Lud" into a ballet titled "Notes Toward a Eulogy for Joan Cohen" for the Mid America Dance Company in 1986, and wrote "The Coffee Room" (1986), a radio script first produced by Lorin Cuoco (now the associate director of the International Writers Center) for KWMU-FM in St. Louis, which starred the author; "The Six-Year-Old-Man" (1987), a screenplay; and numerous articles and stories for Harper's, California, Chicago, Playboy, Esquire and other magazines.

At the time of his death he had just completed a novel, "Mrs. Ted Bliss," which Hyperion will publish this fall.

He is survived by his wife, Joan; a daughter, Molly, who lives in Washington; two sons, Philip Elkin of Creve Coeur, Mo., and Bernard Elkin of St. Louis; a sister, Diane Brandwein of Chicago; and two grandchildren.

— **Deborah Parker**



## Harbison fellowship supports junior faculty in Arts and Sciences

Washington University will establish a faculty fellowship in recognition of a generous commitment from Earle H. Harbison Jr. and his wife, Suzanne S. Harbison, announced Chancellor William H. Danforth.

The Earle H. and Suzanne S. Harbison Faculty Fellowship will rotate



Earle H. Harbison Jr.

every three years to an outstanding junior faculty member in Arts and Sciences. A national search will be conducted to select the first Harbison Fellow. The first fellowship will be awarded in the humanities, with subsequent fellowships available to all areas of Arts and Sciences.

"Washington University has over the years enjoyed the involvement of far-sighted friends like Earle and Suzanne," Danforth said. "Their commitment to a broadly based education, and their leadership in this new endeavor inspire all of us. Through this faculty fellowship, they are playing an important part in the University's future progress. I am particularly pleased that the Harbison Fellowship allows us to recognize outstanding young faculty in Arts and Sciences in this innovative and prestigious way."

"This generous commitment will help Washington University meet the challenges of the future as we continue to attract and retain talented junior faculty members who need to be recognized for their potential and for their efforts in teaching and scholarship," said Provost Edward S. Macias, Ph.D.

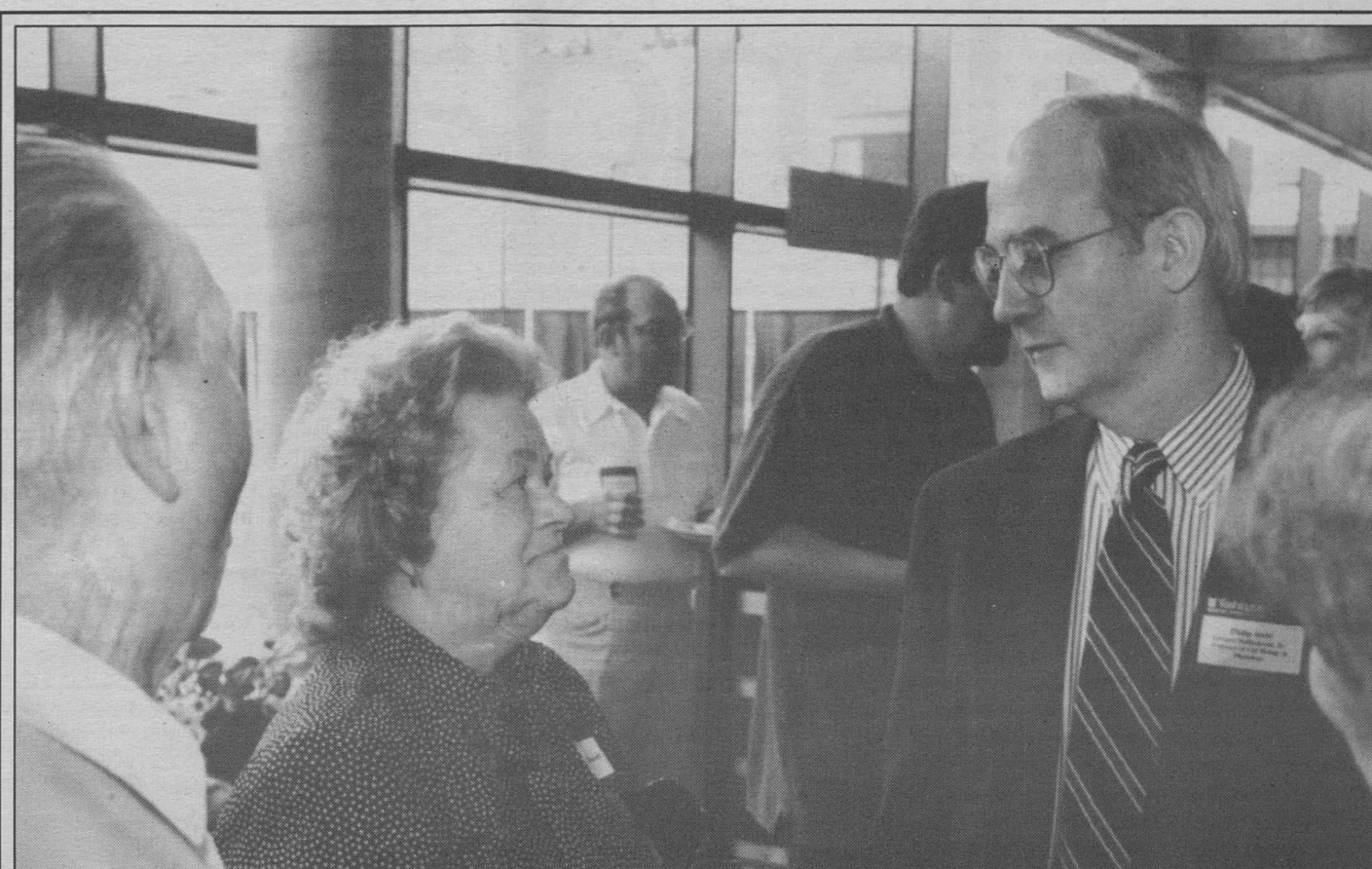
Harbison is chairman of Harbison Walker Inc. of Clayton, and past president and chief operating officer of Monsanto Co. Inc. A 1948 graduate of Washington University with a bachelor's degree in political science, Harbison later went on to earn a law degree from George Washington University in Washington, D.C., and also attended Harvard University's School of Business Administration. He has been a Washington University trustee since 1993, is chair of the University's Arts and Sciences National Council, and is a former chair of the University's William Greenleaf Eliot Society.

Suzanne Harbison also is a Washington University graduate (B.S.B.A. '49).

Concerning the establishment of the faculty fellowship, Earle Harbison commented: "I am fortunate to have benefited from a first-rate, broadly based Washington University education that has stood me in good stead through two careers and many diverse challenges. I remain a believer in the value of the arts and sciences. Today as then, arts and sciences at Washington University stands at the center of a great University, offering to students and faculty the opportunity to work together to promote learning in many fields of endeavor. Suzanne and I are pleased to be a part of Arts and Sciences' bright future by funding the faculty fellowship, and we are delighted to be able to do this in recognition of Bill Danforth's leadership over the past 24 years."

Harbison joined Monsanto Co. Inc. in 1967 after 18 years with the U.S. Central Intelligence Agency (CIA). While at the CIA he received the prestigious William A. Jump Award, given annually to one federal civil servant under the age of 36 for exemplary administrative contributions. He was president and chief operating officer of Monsanto Co. Inc. from 1986 to 1990. Prior to that he was elected vice chairman of the Monsanto Board of Directors in 1986 and, for part of that year, served as chairman of the board of both G. D. Searle and Co. and the NutraSweet Co.

The Harbisons reside in Frontenac, and have two sons, both of whom live in St. Louis.



Philip Stahl, Ph.D., Edward Mallinckrodt Jr. Professor and head of the Department of Cell Biology and Physiology, greets members of the Mallinckrodt family. While Mallinckrodt family members were in St. Louis for a reunion June 4, the University hosted events on campus, expressing appreciation for the family's major donations. Some 150 family members toured the University's Mallinckrodt Institute of Radiology and Mallinckrodt Center. In addition, Henry Schvey, Ph.D., chair of the Performing Arts Department, explained how Mallinckrodt Center has boosted performing arts education at the University, and Mallinckrodt endowed professors Ronald Evens, M.D., Alex Evers, M.D., Stahl and Murray Weidenbaum, Ph.D., told family members about their research efforts.

## Lecture honors plant biologist Joseph E. Varner

The first Joseph E. Varner Lecture was held May 18 in the lecture hall of the McDonnell Life Sciences Building. Approximately 150 people packed the room to listen to Sharon Long, Ph.D., professor of biological sciences at Stanford University. Long, a distinguished plant biologist who has collaborated with Varner, highlighted her recent research in plants.

The Varner lecture will be held annually. Varner, who became Charles Rebstock Professor Emeritus of Biology in July 1993, is in his 46th year as a biology professor and is world-renowned for his expertise in plant physiology and biochemistry. He also has influenced scores of plant biologists and biochemists. He came to Washington University as professor of biology in 1973. He was named Charles Rebstock Professor of

Biology in 1974. He is an elected fellow of the American Association for the Advancement of Science, and he is a member of both the National Academy of Sciences and the American Academy of Arts and Sciences.

Accompanied by his wife, Jane Burton, Varner heard many accolades before Long's lecture.

"I remember Joe from his early days at Washington University," said Chancellor William H. Danforth. "Those were my early days, too; he came here just two years after I became chancellor. He told me then of the great potential that plant biology had. He also said Washington University could be in the forefront of the many new developments in plant biology. He certainly was right. I think of Joe as

the father of modern plant biology at Washington University. Joe's influenced his students, his department, his university. He's contributed greatly to scientific understanding."

Barbara A. Schaal, Ph.D., chair of the Department of Biology, who specializes in plants and is one of the many Washington University plant biologists influenced by Varner, echoed Danforth's sentiments.

"Joe has been telling us for 20 years that some astounding things were going to happen in plant biology, and we were fortunate to be studying plants in this era," said Schaal. "Now we have this ongoing lecture series named for him in honor of his foresight, among many other things. This turnout today shows Joe without a doubt is one of the most beloved of biologists."

## Obituaries

**ROLAND WALTER BOCKHORST**, professor emeritus at the School of Architecture, died May 31 at his home in Kirkwood. He was 90 years old. Bockhurst received bachelor of architecture and master of architecture degrees from Washington University, in 1929 and 1933, respectively. As a faculty member at the school, Bockhurst taught courses in descriptive geometry, architectural graphics and materials of construction and specifications. Bockhurst, who taught at the University for almost 40 years, retired in 1972.

**ROY H. PETRIE**, M.D., former professor of obstetrics and gynecology and director of the program for maternal-fetal medicine, died May 17 after a heart attack at his Clayton home. Petrie, who worked at the School of Medicine from 1984 to 1992, was 54. Petrie had headed the Department of Obstetrics and Gynecology at the Saint Louis University School of Medicine since 1992.

**BUFORD LINDSAY PICKENS**, professor emeritus at the School of Architecture, died June 11 at the age of 89. Pickens taught at the University from 1953-1974 and was dean of the school from 1953 to 1956. A native of Coffeyville, Kan., Pickens served on numerous state and local commissions, including the St. Louis County Historic Buildings Commission in the 1960s and early 1970s. He also was appointed in 1961 to Missouri's Advisory Council on Historical Buildings. A family service was held. Pickens is survived by his wife of 61 years, Jenny Pickens; two sons and one grandson.

## Memorial service held for Professor John P. Merlie

John P. Merlie, Ph.D., professor of molecular biology and pharmacology, died May 27 of heart failure at his home in Olivette. He was 49. A memorial service was held on May 30.

Merlie, who received a doctorate in molecular biology from the University of Pennsylvania in 1973, had been at Washington University since 1983, despite several offers to become department chair at other universities. He devoted his career to the study of synapses, the connections between nerve cells and cells



John P. Merlie

that receive their messages. Much of his work focused on a protein called the acetylcholine receptor, which receives chemical messages at nerve to muscle synapses. Merlie and Joshua R. Sanes, Ph.D., professor of anatomy and neurobiology, recently described the first example of a protein that organizes synapses in living animals.

Merlie is survived by his wife, Margaret Brunk Merlie of Olivette; three sons, John, Chris and David Merlie, all of Olivette; his parents, Louis and Elvira Merlie of Vineland, N.J.; a brother, Richard Merlie of Spring Green, Wis.; and a sister, Luann Linsalata of St. Louis.

Memorial contributions to the Merlie Neuroscience Fund may be made to Washington University School of Medicine, Box 8226, Division of Biology and Biomedical Sciences, St. Louis, Mo., 63110.

## Medical Professor Isaias Spilberg dies at 58

Isaias Spilberg, M.D., associate professor of medicine, died June 5 at Barnes Hospital after a long illness. He was 58.

Spilberg, an authority on gout and related diseases, joined the School of Medicine faculty in 1968. He formerly was director of the medical school's Arthritis Foundation Clinical Research Center and of its rheumatology center.

A native of Peru, Spilberg earned undergraduate and medical degrees from the University of San Marcos in Lima. He trained at New York University School of Medicine.

Spilberg was a former director of the rheumatology unit at the Veterans Administration Medical Center and held a similar post with the old St. Louis City Hospital.

He is survived by his wife, Fradi Spilberg; a son, Mark Spilberg of Clayton; his father, Salik Spilberg of Miami; and two brothers, George Spilberg of Louisville, Ky., and David Spilberg of Stamford, Conn.

Memorials may be made to the American Cancer Society, 4207 Lindell Blvd., St. Louis, Mo. 63108.



# Calendar

June 22-July 22



## Exhibitions

**"The Keenest of Senses: Celebrating the Becker Rare Book Collection in Ophthalmology."** Printed treasures in ophthalmology and the visual sciences from four centuries. Through Dec. 22. Glaser Gallery, The Bernard Becker Medical Library, 660 S. Euclid Ave. Hours: 9 a.m.-9 p.m. weekdays; 1-5 p.m. weekends. 362-4239.

**"Second Anne Dillon Faculty/Family Art Show."** Sponsored by the School of Medicine. Through June 29. M. Kenton King Faculty Center, seventh floor, The Bernard Becker Medical Library, 660 S. Euclid Ave. Hours: 8:30 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. 362-8252.



## Lectures

### Friday, June 23

**9:15 a.m. Pediatrics seminar.** "Preventing Sudden Infant Death Syndrome," Bradley T. Thach, prof., Dept. of Pediatrics. Clopton Aud., 4950 Children's Place. 454-2706.

## Former Sen. John Danforth delivers 134th Commencement address May 19

*Former U.S. Sen. John C. Danforth, R-Mo., spoke at Washington University's 134th Commencement exercises, which were held May 19 in Brookings Quadrangle. The speech was filled with both humor and reflection as Danforth noted differences between his generation and the current generation of college graduates. Excerpts of the speech follow:*

A few months ago, a member of the Washington University administration phoned to ask my help in obtaining a well-known Democratic politician as your Commencement speaker.

The Democrat declined the invitation. Then this same Washington University administrative person phoned me again. This time he asked if I would be the Commencement speaker. There was something about this chain of events that told me I was not his first choice.

Then this same Washington University administrative person phoned me yet again. This time his purpose was to tell me what I should talk about in this address — or rather what I should not talk about. As best as I could make out of what he was saying, it was to the effect that this ceremony is not only your graduation, but it is his graduation. However, he went on, I should not say anything about his graduation, because it was really your graduation, and if I spoke about his graduation it would be very embarrassing to him.

It has been 37 years since I received an earned college degree. So much has changed between then and now ... We had little awareness of the ills of the world and no passion to speak out on the events of the day ... We knew that there was evil in the world, but it was not really in our world. It was in Europe, and it seemed so far away ... How the world has changed.

Now, no one can ignore the reality of evil. It is close upon us. It invades our lives. It stares us in the face. Evil is not just across the sea, where we don't have to touch it. It's right here ... At very close range, you in the graduating class of Washington University have seen both the worst and the best humankind can offer...

### Tuesday, June 27

**4 p.m. Neurodegeneration and Cell Death Discussion Group.** "Binding of apo E to Beta-amyloid," David Holtzman, asst. prof., Dept. of Neurology. Room 228 Biotechnology Center, 4559 Scott Ave. 362-7175.

### Wednesday, June 28

**6:30 a.m. Anesthesiology Grand Rounds.** "Cost Containment and Efficiency in Perioperative Care," Kenneth J. Tuman, prof. and vice chair, Dept. of Anesthesiology, Rush U., Chicago. Wohl Hospital Aud., 4960 Children's Place. 362-4449.

**Noon. Neuroscience seminar.** "Structure-function Studies of a G-protein Coupled Receptor," Joyce Hurley, graduate student, Dept. of Medical and Molecular Genetics, Indiana U., Bloomington. Room 928 McDonnell Medical Sciences Bldg. 362-7043.

### Thursday, June 29

**11 a.m. Molecular biology seminar.** "Membrane Proximal Events in T Cell Activation," Brian Seed, prof., Dept. of Genetics, Massachusetts General Hospital, Boston. Room 7738 Clinical Sciences Research Bldg.

### Friday, June 30

**9:15 a.m. Pediatrics seminar.** "Fetus With a Congenital Anomaly Colon: What Can and Should be Done?" Jacob C. Langer, assoc. prof. of surgery and surgery in pediatrics. Clopton Aud., 4950 Children's Place. 454-2706.

**10 a.m. Social work seminar.** "Methods for Costing Mental Health Services," Teh-wei Hu, prof. of health economics, School of Public Health, U. of California, Berkeley. Sponsored by the George Warren Brown

The answer to crime is not in crime bills. If there is an answer, it is in families and religious congregations and communities. It is in people caring for one another, and especially for their children. In a very down to earth way, it is in overcoming evil with good...

Throughout our lives, many of us worry about career choices, about how we are spending our time and our energy. Being a good parent is the most important vocation of all. No career, however rewarding, justifies the price of a ruined family ... Charity begins at home. It begins with caring for spouses and children and people close to us. But there are wonderful opportunities to reach beyond our own families...

The importance of living beyond yourself, of caring for others, of overcoming evil with good — that is the thought I offer you as you graduate from Washington University. It is not a new message. You learned it throughout your college experience. You learned much more than course work. You learned to live with people ... You learned goodness not by exhortation, but by example. You saw it for four years. It was the example of a graduating administrative official who doesn't want me to talk about him. You know what it is to overcome evil with good, because, as you have seen evil, so you have seen this example of good. Members of the class of 1995 of Washington University, like every other graduate in history, you will not remember a word you hear in this ceremony. That's okay. Don't even try to remember the words you've heard. Just remember what you have seen — the example you have seen these past four years. Remember your Uncle Bill.

### Lot closed June 24

The north Brookings parking lot will be closed all day Saturday, June 24, for a roller hockey tournament sponsored by the Progressive Youth Center. Gary Sparks, director of transportation, said the lot will be blocked off late Friday night and will reopen Sunday morning. In case of rain, the event will be held Sunday, June 25.

School of Social Work Center for Mental Health Services Research. Center for Mental Health Services Research, Third Floor Faculty Research Room, West Campus, 7425 Forsyth Blvd. 935-5687.



## Music

### Wednesday, June 28

**8 p.m. Orchestra concert.** Featuring the The Classic Summer Orchestra at Washington University directed by Dan Presgrave. Program: "Overture to 'Egmont,'" Ludwig van Beethoven; "Suite From 'Pelléas et Mélisande,'" Gabriel Fauré; and 'Symphony No. 1 in C Major,' Ludwig van Beethoven. Bowles Plaza, Mallinckrodt Center. (Rain location: Graham Chapel.) 935-4841.

### Sunday, July 9

**8 p.m. Orchestra concert.** Featuring the Gateway Festival Orchestra, directed by William Schatzkamer. Program: "Symphony No. 1 in e minor," Jean Sibelius; "Symphonie Concertante in E-Flat Major, K. 364," Wolfgang A. Mozart; and the music of Duke Ellington. Brookings Quadrangle. (Rain location: Graham Chapel.) 935-4841.

### Monday, July 10

**8 p.m. Chamber music concert.** Featuring Gateway Mosaics chamber music ensemble. Program includes Ludwig van Beethoven's "Septet in E-flat Major, Op. 20." Graham Chapel. 741-5948.

### Tuesday, July 11

**7 p.m. Trombone recital.** Featuring Roger Oyster, principal trombonist with the St. Louis Symphony Orchestra, with accompanist Sue Martin, piano. Graham Chapel. 935-4841.

### Sunday, July 16

**8 p.m. Orchestra concert.** Featuring the Gateway Festival Orchestra, directed by

William Schatzkamer. Program: "'Leonore' Overture No. 3," Ludwig van Beethoven; "Trumpet Concerto in E flat Major," Johann Hummel; "Symphony No. 4 in F minor," Peter Tchaikovsky; and Mancini Memories, a medley of music by Henry Mancini. Brookings Quadrangle. (Rain location: Graham Chapel.) 935-4841.

### Monday, July 17

**8 p.m. Chamber music concert.** Featuring Gateway Mosaics chamber music ensemble. Program includes "Sonata for Flute, Viola and Harp" by Claude Debussy. Graham Chapel. 935-4841.



## Miscellany

### Friday, June 23

**1-5 p.m. Social work workshop.** "Child Abuse and Neglect Credentialing." Brown Hall Lounge. 935-4090.

### Calendar guidelines

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

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

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

## Campus Watch

*The following incidents were reported to the Hilltop Campus Police Department between May 14 and June 18. During the summer, when the Record is produced monthly instead of weekly, Campus Watch will appear in summary form. Readers with information that could assist the investigation of these incidents are urged to call 935-5555. This release is provided as a public service to promote safety awareness on campus.*

University Police responded to six reports of vandalism, five of which involved spray-painted graffiti; one report of assault in which a non-student was arrested and charged by St. Louis County; 11 reports of theft; two separate incidents of trespassing in which four subjects were arrested at the

School of Law construction site; one report of a stolen car, which was recovered later in St. Louis; one report of sexual misconduct in which a subject was arrested for making improper suggestions to three females; and one report of an accidental minor fire in an Urbauer Hall research lab.

### Youth may be charged as adult in Aptman case

A hearing on whether to charge a 16-year-old youth as an adult in the abduction of two female Washington University students has been set for Wednesday, June 28, in St. Louis Juvenile Court, according to a report in the St. Louis Post-Dispatch.

The youth is being held in the city's juvenile detention center. He has been charged under the juvenile code in the killing of Melissa Gail Aptman, 22, of

Miami, and the rape and wounding of her friend, 20.

Two young men abducted the women at gunpoint on May 5 moments after the women left Chuy's restaurant in Dogtown.

The other suspect, a 19-year-old from Richmond Heights, is being held in the St. Louis County Jail on an unrelated charge of probation violation. Authorities are awaiting DNA results before filing charges.

### Chemical fire quickly brought under control

Fire departments from Clayton and Richmond Heights responded to an alarm from Urbauer Hall the afternoon of June 14, but the source of the alarm — a small chemical fire in the hall's third floor combustion laboratory — was extinguished before firefighters arrived. Researchers managed to extinguish the flare-up quickly by dousing

the fire with sand. The experiment had been contained within a laboratory hood system designed to collect chemical fumes. As a precaution, the three researchers were taken to St. Mary's Hospital for evaluation, firefighters said. None reported medical problems related to the fire and they were not admitted.



# Medical Update

## Scientists discover beneficial growth factors can cause nerve cells to die

**N**erve growth factors, which promote the survival and differentiation of neurons, have a sinister side to their nature. A paper in a recent issue of the journal *Science* reports that certain growth factors called neurotrophins can cause nerve cells to die.

"This finding raises a cautionary note about the potential use of neurotrophins against brain disorders such as Alzheimer's disease, Parkinson's disease and stroke," said Dennis W. Choi, M.D., Ph.D., who headed the study. Choi is Jones Professor and head of the Department of Neurology.

Cultured mouse neurons die if they are briefly deprived of oxygen and glucose. These conditions mimic ischemic stroke, where a clot stops blood flow to a region of the brain, cutting off the supply of these essential substances.

But more cultured cells died when a neurotrophin was present, the researchers found. A day after the deprivation, less than 20 percent of the control cells were dead, but about 50 percent of the cells exposed to a neurotrophin had disintegrated.

Oxygen-deprived neurons suffer a swift, swollen death called necrosis. But the beneficial effects of growth factors have been observed most conclusively in cells at risk for a lingering suicide known as apoptosis.

"Therefore it will be important to look at the effects of growth factors on other clearly defined examples of necrosis," Choi said, raising the possibility that these Jekyll and Hyde molecules save neurons from apoptosis but promote the death of other neurons by necrosis.

Clinicians hope to use growth factors

to treat neurodegenerative disorders and stroke. "We know that, in rodent models of ischemic stroke, neurotrophins have a beneficial effect," Choi said. "So unmasking a potentially deleterious side of these molecules might allow us to interfere with that side and make that net effect better."

Discovering how the factors sabotage cells will be an essential first step. It already is known that the neurotransmitter glutamate is a key weapon in oxygen-glucose deprivation. When cells run short of chemical energy, glutamate floods out of the neurons in which it is stored and overactivates receptors on nearby cells. Because these receptors are ion channels, they let in deadly amounts of sodium and calcium.

Neurotrophins enhance necrosis via a glutamate receptor called the NMDA receptor, the study showed. When an antagonist called MK-801 occupied these receptors, calcium ions did not invade the neurons, and the factors were no longer harmful. But antagonists of other types of glutamate receptors were not protective.

"So we showed that the deleterious effects of neurotrophins on oxygen-glucose deprivation are mainly mediated by the NMDA receptor," Choi said.

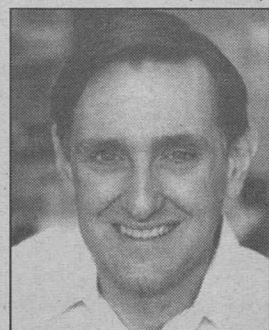
The researchers tried all four known neurotrophins in these experiments. Nerve growth factor (NGF) did not enhance ischemic damage; neurons from the cerebral cortex lack receptors for NGF. The harmful factors were brain-derived neurotrophic factor (BDNF), neurotrophin-3 (NT-3), and neurotrophin-4/5 (NT-4/5).

— Linda Sage

## Pathologist Paul Allen appointed endowed Robert L. Kroc Professor

**P**aul M. Allen, Ph.D., professor of pathology, has been named the Robert L. Kroc Professor of Pathology.

The appointment was announced by Emil R. Unanue, M.D., professor and head



Paul M. Allen

of the Department of Pathology. Allen, who joined the School of Medicine faculty in 1985, studies how the immune system distinguishes between "self" and "non-self," and how immune system

disturbances can lead to autoimmune diseases such as diabetes, rheumatoid arthritis and multiple sclerosis.

"Paul Allen is an outstanding researcher whose discoveries on the nature of immune regulation are nothing short of pioneering and will enhance our understanding of human disease," said William A. Peck, M.D., executive vice chancellor for medical affairs and dean of the School of Medicine. "The Robert L. Kroc Chair exemplifies the great significance of the endowed chairs to universities — in recognizing superior faculty and promoting highest academic values in perpetuity."

The endowed professorship was established in 1985 to support biomedical research in diabetes and endocrine diseases. It is funded by the late Ray A. Kroc, founder of McDonald's Corp. The endowment is named for his brother, Robert L. Kroc, M.D., in recognition of his accomplishments as a university teacher and pharmaceutical researcher.

Using the hemoglobin molecule as a model self-antigen, Allen is exploring what happens when the immune system goes awry and triggers a sequence of events that leads particular self-antigens to be recognized as foreign. Under such circumstances, the immune system mounts an attack against these self-antigens, which ultimately can lead to the development of autoimmune diseases.

Allen is the second recipient of the Kroc professorship. Paul E. Lacy, M.D., Ph.D., former head of the Department of Pathology, and now professor emeritus of pathology, was the first.

Allen received a bachelor's degree in 1974, a master's degree in 1977 and a doctoral degree in 1981, all from the University of Michigan in Ann Arbor. He then completed a postdoctoral fellowship in pathology at Harvard Medical School and served on the Harvard Medical School faculty before coming to Washington University.

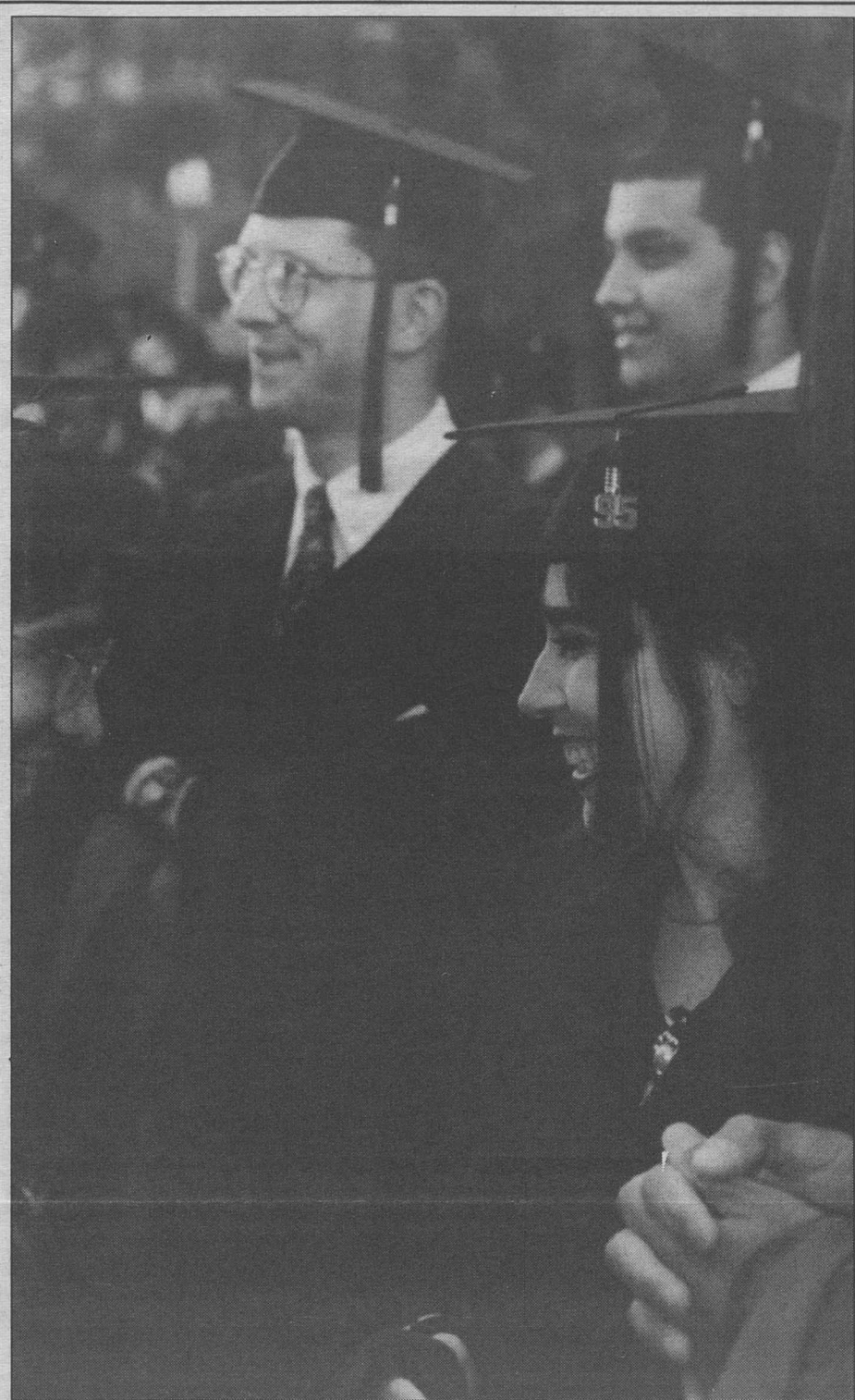
## BJC Health System offers patient grants

**A**pplications now are available for the second funding cycle of the BJC Innovations in Healthcare Program, which is administered by the Center for Quality Management. This grant program is designed to fund short-term projects that investigate ways to improve the value of healthcare delivered in the BJC Health System. The program is open to all BJC employees as well as School of Medicine faculty and staff

involved with clinical operations at BJC. Individual grants of up to \$20,000 will be awarded.

Those interested in applying for grants must obtain an application packet and submit their proposals by Sept. 1. For more information, call Diana Bose at 454-8696.

*Announcement of the first cycle funding awards will be made in the Aug. 17 issue of the Record.*



Brian Lawner, left, and Jennine Cabanellas visit during the School of Medicine commencement ceremony May 19. Standing behind them are Joel Russ, left, and David Huebner.

## Radiation safety, training are goals of program

**A** large portion of the research and patient care performed at Washington University and its affiliated hospitals depends on the use of radioactive materials. To ensure the safety of employees, the University established the Radiation Safety Program nearly 40 years ago.

The program is implemented by the Radiation Safety Office (RSO), which provides the training and monitoring needed to meet safety requirements of the U.S. Nuclear Regulatory Commission (NRC). Oversight is provided by the University's Radiation Safety Committee, which meets six times a year.

Radioactive materials are used in more than half of the University's 2,000 laboratories. In addition, they are a key element of many diagnostic and therapeutic procedures at the Medical Center. In all, roughly 3,200 employees use these materials. The RSO requires that these employees be trained to use radioactive materials.

To see that laboratories follow proper safety procedures, the RSO performs quarterly on-site inspections of all laboratories that use radioactive materials. In addition, laboratories are required to perform surveys, usually weekly, to verify that radiation levels are acceptably low.

The RSO performs its own weekly surveys in selected laboratories and also monitors environmental releases. Any unusual findings must be addressed and corrected through the RSO.

Average radiation levels in laboratories are about 5 percent of the University's threshold safety level, which is set

at one-tenth the NRC's recommended value, said John Eichling, Ph.D., professor of radiation sciences and head of the RSO. "We could use a threshold value 10 times higher if we wished. But we choose to be very conservative, and this keeps our labs very clean," he said.

Similar monitoring is required in areas that use radioactive material for clinical purposes. The RSO provides body monitors and conducts bioassays for certain medical employees. Unusual doses are reported to a safety officer and reviewed by the safety committee.

The RSO also is the distribution center for radioactive materials. It receives all packages of these materials, about 10,500 a year, distributes them to labs and handles waste disposal.

"The program is very effective," said Carlos Perez, M.D., professor of radiology and chairman of the safety committee. "Its strength comes from the cooperation of all the users of radioactive materials. Without their compliance, the program would not work."

For information about procedures, call Eichling at 362-2988.

## Addendum

**G**regory Foltz, a medical student who graduated this spring and was featured in the May 18 Record, performed his research on the formation of blood vessels in the brain in the laboratory of and under the supervision of Carl M. Rovainen, Ph.D., professor of cell biology and physiology.



# Opportunities & personnel news

## Policy protects employees, students against sexual harassment

In 1980 Washington University adopted and published its sexual harassment policy. The published policy stated: "The Equal Employment Opportunity Commission (EEOC) guidelines provide that harassment on the basis of sex is a violation of Title VII of the Civil Rights Act of 1964." The regulations also state that employers have an affirmative duty to prevent and eliminate sexual harassment that may be "either physical or verbal in nature."

"Washington University is an employer within the meaning of the act and subject to the sexual discrimination guidelines. Sexual harassment discrimination directed at females and males in the University's work environment will not be tolerated."

In 1981 the sexual harassment policy was extended to students. The University community was informed that "students are protected from sexual harassment under Title IX of the Education Amendment of 1972 and can receive redress for such acts through the University's Title IX grievance procedure established in 1977."

In 1987 an ad hoc committee proposed revisions to the policies and procedures covering sexual harassment. The committee proposals were adopted as outlined in a brochure. The brochure was distributed to students, faculty, staff and administrators.

The 1987 publication was revised by the University's Affirmative Action Committee to further refine the relevant policies and procedures; and most importantly, to reconfirm Washington University's commitment to eliminating sexual harassment from the campus whether it involves students, faculty, staff or outside organizations working on the campus.

The following is reprinted from the brochure, titled "Sexual Harassment?" which is published by the Office of Affirmative Action.

Washington University defines sexual harassment as unwelcomed sexual advances, requests for sexual favors or other unwelcomed verbal or physical conduct of a sexual nature that creates an offensive, intimidating or hostile environment. Such behavior includes, but is not limited to, situations where one person has authority over another.

Some forms of sexual harassment are explicit. Examples include: requests for sexual favors, rubbing, touching or

brushing another's body, physical assaults of a sexual nature or sexually offensive remarks.

Behavior that may be experienced as intimidating or offensive, particularly when it recurs or when one person has authority over the other, includes more subtle actions: friendly hugs or arms around the shoulder, ogling and inappropriate staring, touching, patting or pinching, veiled suggestions of sexual activity, requests for meetings outside business hours and/or in non-academic settings, use of risque jokes, stories or images in the classroom or use of inappropriate body images to advertise events.

The guidelines issued by the Equal Employment Opportunity Commission that have been interpreted to apply to educational settings under Title IX of the federal Education Amendments of 1972 define sexual harassment as follows:

"Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment, (2) submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting such individual, or (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile or offensive working environment." 28 C.F.R. 1604.11(a).

Members of the University community can expect to be free of sexual harassment, and thus all members of the University should guard against it.

### Seeking advice

If you believe you have been subjected to harassing behavior, you are encouraged to discuss the matter with an adviser, counselor, director, chairperson or dean. If you prefer, contact Gloria W. White in the Affirmative Action Office, 935-5949, or Karen Levin Coburn in the Office of Student Affairs, 935-5040. The purpose of such a conversation is appraisal of the situation and assistance in making decisions about further steps to be taken.

### Informal resolutions

Steps that you may take:

1. Clearly say "no" to the person whose behavior is unwelcome;
2. Communicate either orally or in writing with the person whose behavior is unwelcome. The most useful communication will have three parts:
  - (a) a factual description of the incident(s) including date, time, place and specific action;
  - (b) a description of the writer's feelings, including any consequences of the incident;
  - (c) a request that the conduct cease. Frequently such a communication will cause the unwelcome behavior to stop;

3. Speak with the supervisor, i.e., department chair, dean or director, who may talk to the person whose behavior was unwelcome. The name of the complainant need not be disclosed. The purpose of such conversations is cessation of the unwelcome behavior.

### Formal procedures

If informal resolution has been unsuccessful at the school, division or administrative level, or if you wish to bypass informal procedures, you may file a formal grievance or complaint through one of three procedures:

- 1). Students — Title IX Grievance Committee 2). Faculty and administration — Affirmative Action Committee 3). Staff — Nonacademic Personnel Advisory Committee.

The right of all persons to fair procedures will be protected. The names of complainants will be disclosed only with the permission of the complainant(s). The University does not discriminate against persons who initiate complaints.

### Education

Education programs about sexual harassment are conducted regularly. If you would like to schedule a program for your group or department, contact the Office of Affirmative Action. Student groups should contact the Division of Student Affairs. The brochure is available in the Office of Human Resources, Room 126 North Brookings Hall.

## 'Good housekeeping' keeps psychology building site safe

Although many people in the Washington University community have enjoyed watching the new psychology building take shape, few realize how much goes on behind the scenes to prevent on-site accidents.

Paul Landgraf, safety coordinator, and Ray Barber, project manager in facilities planning and management, work with the general contractor, BSI, to make sure the company has a viable safety program and that on-site injuries are kept to a minimum.

"Our general concern is to protect the interests of the University, its students, faculty, staff and visitors," said Landgraf. "Of course, if we see an unsafe work practice or condition that would affect the safety of the construction workers, we alert the site supervisor."

Barber said the safety record on the project has been good.

Also on site is Mark Wellen, BSI project engineer/vice president, and superintendent Doug Hawkins. Part of their job is to schedule and organize all the subcontractors and their work orders, as well as to oversee BSI's safety program. Daily safety inspections are performed by BSI. The site has about 150 workers on it, primarily subcontractors. The approximately 40 subcontracting companies include asphalt, sheet metal, glass and ceramic, roofing, dry wall, landscaping, waterproofing and numerous others. The 20 BSI workers currently on site are carpenters, ironworkers and general laborers, said Wellen.

From the tops of their hard hats to the tips of their steel-toed shoes, all workers wear extensive personal protective gear, said Wellen. Safety supervisors are all trained in cardiopulmonary resuscitation and first aid and all employees participate in a safety orientation when they are first hired.

Full body harnesses that are attached by ropes to the building are worn by people working on high parts of the building. These are much safer than the safety belts because by distributing the weight over the whole body, they cushion the fall better if an accident happens.

Heavy moving equipment has back-up warning sounds and roll-over bars. Every

time a crane lifts a large load, it is analyzed to make sure it is properly weighted and balanced, said Wellen.

Landgraf, who has been the Hilltop Campus safety coordinator for four years, focuses on safety issues that are preventative. He emphasizes what he called "good housekeeping. If things have some order to them, we become proactive and eliminate the causes of accidents such as slips, trips and falls, as well as potential fire losses to the building." The site has periodic cleanups — workers removed four dumpsters of debris in one day, said Barber, who has been at Washington University for three years.

Of equal importance to Landgraf during his site visits is keeping an eye out for the proper handling, storage and disposal of flammable liquids and gas cylinders, and the guarding of stairs, elevator shafts and open-sided floors with railings and barricades.

A relatively new safety element is the "material safety data sheet." BSI is required by the Occupational Safety and Health Administration (OSHA) to keep an up-to-date inventory of every material on site, including materials like gas, caulking and paint. The data sheet includes information on what medical treatment is recommended if these materials are ingested or inhaled, whether to induce vomiting, and other safety information. If the material is flammable, the data sheet includes the temperature at which it ignites, and if ignited, how fast the flame would spread. On their intermittent visits to the site, OSHA officials check these data sheets.

Once a week BSI holds what they call a "tool box talk," a 15-minute discussion of safety issues attended by all BSI employees on site. Each of the subcontractors has similar meetings for their workers. In addition, the Associated General Contractors of St. Louis, part of a national organization, comes on site once a month for a safety presentation. All workers, from both BSI and the subcontractors, attend those meetings.

In addition, Landgraf regularly scouts the perimeter of the construction site to make sure it is protected for the Washington University community and its visitors.

The 6-foot chain-link fence was erected to keep the curious at bay. Temporary lights also have been installed.

"Campus construction sites can be of interest to passersby, especially the architecture students," said Landgraf. In addition, noted Landgraf, the psychology building site used to be a popular shortcut among students and others in the Washington University community.

The psychology building is scheduled for occupation in September. The first classes will be held in January 1996.

— Debby Aronson

### Holiday schedules set

The following holiday schedules have been approved for the 1995-96 fiscal year for all employees on the Hilltop and School of Medicine campuses other than those represented by union contracts.

#### Hilltop Campus

Holiday	Date	Date(s) of Recognition
Independence Day	July 4	July 4
Labor Day	Sept. 4	Sept. 4
Thanksgiving	Nov. 23	Nov. 23, 24
Christmas Day	Dec. 25	Dec. 25
New Year's Day	Jan. 1	Jan. 1
Martin Luther King Jr. Day	Jan. 15	Jan. 15
Memorial Day	May 30	May 27

#### School of Medicine

Holiday	Date	Date(s) of Recognition
Independence Day	July 4	July 4
Labor Day	Sept. 4	Sept. 4
Thanksgiving	Nov. 23	Nov. 23
Christmas Day	Dec. 25	Dec. 25
New Year's Day	Jan. 1	Jan. 1
Martin Luther King Jr. Day	Jan. 15	Jan. 15
Memorial Day	May 30	May 27

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