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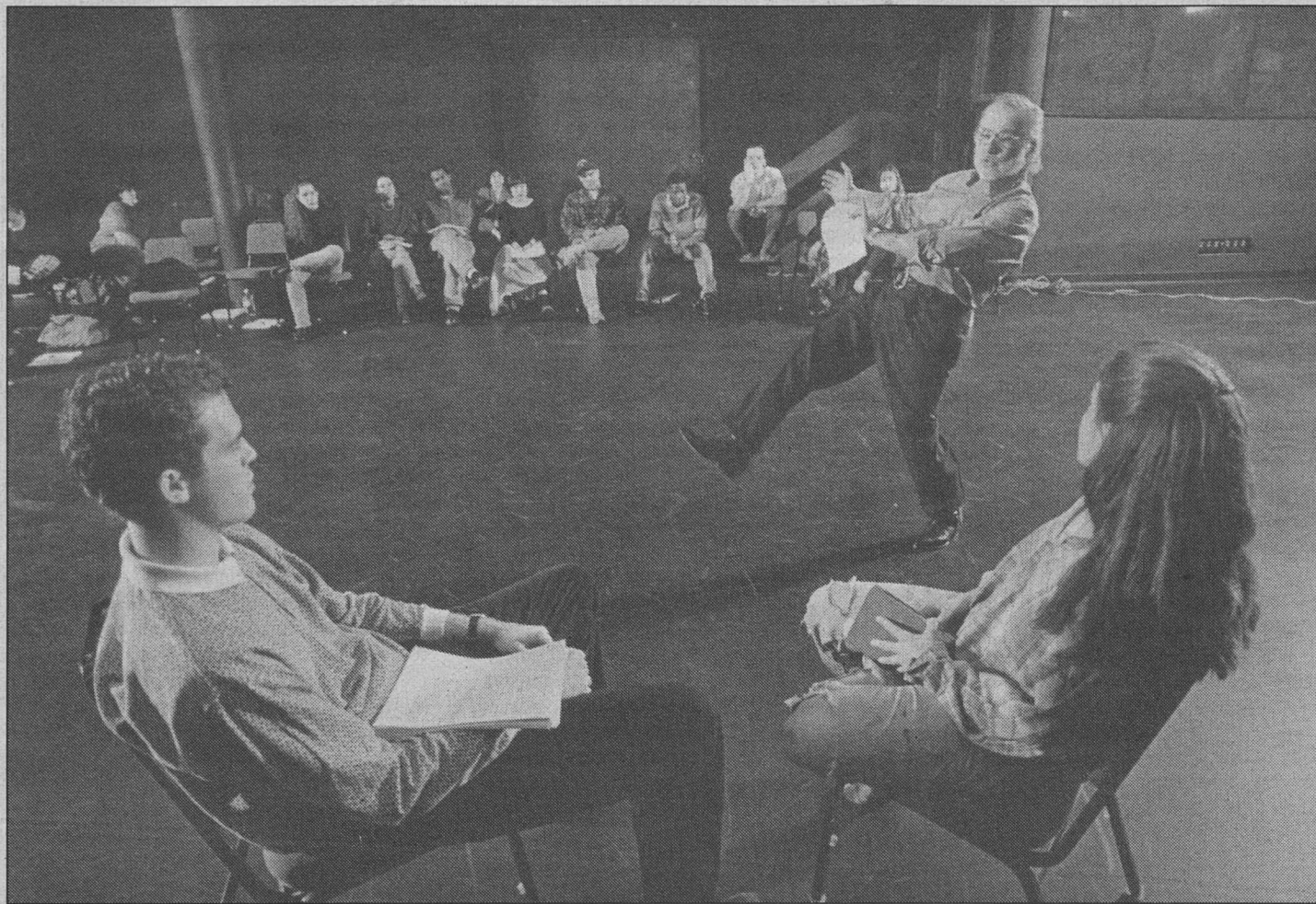
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Record

WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 17 No. 26 April 8, 1993



"You dig it? You dig what I'm saying?" teacher Ernie Martin asks sophomore David Baecker and senior Susan Stolar in a recent Actors Studio class. Martin is one of four Actors Studio teachers conducting a seminar on "method acting" this semester at the University.

Working with the pros

Performing Arts students given once-in-a-lifetime opportunity

Shelley Winters hunched forward in her chair, glasses perched on the tip of her nose, concentrating on the student in front of her.

Senior Shao-Bai Wu was sitting on the floor, looking off to the distance, reciting a script by William Mastrosimone from the play "The Woolgatherer." She had full command of the words, and delivered them clearly and without hesitation, but Winters stopped her.

"Think about what the playwright is really saying in the play," said Winters. "How are you supposed to feel from his words? He's talking about the feeling of humiliation when people are treated cruelly. Have you ever felt treated that way?"

When Wu nodded yes, Winters responded.

"Good," she says. "Then think about that time. What were you wearing? Who else was in the room? Was it day or night? What color was the room? Were you eating or drinking anything? Think about how you felt just then."

Wu concentrates on all this, eyes closed, face blank. Then, when the memory is firmly in place, she begins the monologue again. The changes are subtle, a little more relaxation in the face and body, a shadow of a frown, a bit of wistfulness, but the effect is dramatic. The whole tone of the monologue becomes somehow more real, more intense and more believable.

In the secluded, sparsely furnished Mallinckrodt Center Drama Studio, Wu and 15 other students are getting a once-in-a-lifetime opportunity. They meet for two hours three times a week to explore the craft of acting with some of the most respected and well-connected theatre teachers in the country.

The class is the pilot program for what Chair Henry I. Schvey, Ph.D., hopes will grow into a long-term association with the renowned Actors Studio. The New York-based studio, founded 45 years ago by Elia Kazan and developed by Lee Strasberg, is still considered the most influential school for stage and film acting in the United States. Some of the studio's most legendary alumni include Marlon Brando, Ellen Burstyn, Robert De Niro, James Dean, Paul Newman, Al Pacino and Shelley Winters. Winters, who is here March 29-April 9, and Burstyn, who will come April 19-21, are two of the four teachers participating in the pilot program. The other two teachers were Ernie Martin and Carlton Colyer.

The program focuses on "method acting," a concept that requires the use of personal memories and experiences to create a fully dimensional character on stage. This is referred to as using affective, or sense, memory.

"Human behavior and actors' work are synonymous to me," Colyer told the class. Colyer, a leading acting teacher and a

lifetime member of the Actors Studio, was here March 15-28. "Method acting isn't about bringing emotion to the stage," he said. "It's about recreating ensemble work and dimensional, believable human beings on stage."

"This affective memory is way different from anything I've studied before," says sophomore David Baecker, one of the students in the class. "Once you have the right memory, it all comes much easier, it seems like old hat."

When asked what happens if there is no experience that corresponds to the role, Baecker laughs. "These teachers have years on us! I do feel kind of young in there sometimes."

Wu acknowledged sometimes having to rely on imagination rather than actual experience, but the Actors Studio teachers

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Scientists find marker for high survival rate in cancer patients

School of Medicine researchers have found a marker for high survival rate among patients with neuroblastoma, one of the most common malignant childhood tumors.

Their report in the March 25 New England Journal of Medicine states that tumors with high levels of expression of the nerve growth factor receptor, TRK (pronounced "track"), show a favorable outcome. "This finding is important because it provides a marker for good and bad prognostic groups," says Garrett M. Brodeur, M.D., associate professor of pediatrics and of genetics.

The group studied tumor samples taken from 77 patients. Each sample was examined for the presence and amount of TRK receptor and then correlated with five-year survival rate. Eighty-six percent of the patients with high levels of TRK expression had a high survival rate.

Nerve growth factor (NGF) is a protein that promotes survival and differentiation of specific nerve cells. Developing nervous system cells that give rise to neuroblastoma have a choice of three fates: continue to grow; differentiate into mature cells and stop dividing; or undergo programmed cell death. It appears that TRK coaxes the cells to choose differentiation or programmed cell death, abandoning the cancerous option, Brodeur says.

Eight years ago Brodeur's group found a marker for low survival rate in neuroblastoma patients. Low survival is proportional to the amount of N-myc (pronounced "en-mick") produced by neuroblastoma tumors.

The short-term impact of these studies is that physicians can use the two markers to get a better idea of a patient's diagnosis. "And it also gives us a way to individualize therapy and decide who should be treated with a more aggressive drug regimen," Brodeur says. Patients with higher TRK expression and low N-myc expression might be weaned off chemotherapy earlier, he adds.

Brodeur is hopeful that a diagnostic test for TRK will be available to all neuroblastoma patients in the near future.

The long-term importance of these findings is yet to be determined, but Brodeur said he believes it could lead to new drug therapy that is much less toxic than current therapy. Currently, chemotherapy kills all multiplying cells, and that includes normal cells, he says. "Aiming drug therapy at the TRK-NGF pathway should have little if any deleterious effect on normal cells."

Thurtene Carnival to set 'Magic in Motion'

Junior Amy M. Sullivan said she realizes the true significance of Thurtene Carnival has nothing to do with the crowds, rides and games.

"The real reason we're doing the carnival is to raise money for charity and to offer kids in the area a fun weekend," said Sullivan, alumni and charity chair for Thurtene, Washington University's junior honorary that sponsors the carnival.

More than 100,000 people are expected to attend the carnival, which will be held from 11 a.m. to 8 p.m. April 17 and 18 on the North Brookings parking lot at Millbrook and Skinker boulevards. There is no admission fee. The carnival theme is "Magic in Motion."

Net proceeds from the carnival will benefit the St. Mary's Special School for Exceptional Children, a residential school for children with developmental disabilities. The school is located at 5341 Emerson Ave.

Each year Thurtene members sponsor an event designed to help them get acquainted with individuals who will benefit from the group's donation. This year Thurtene decided to sponsor a pizza party at St. Mary's school.

"A pizza party seemed like a fun thing to do for the kids. It also was a good way for us to get away from the pressure of overseeing the 1,000 details that go into sponsoring the carnival," Sullivan said. At the party, members played basketball and football with the youths.

The honorary selected St. Mary's as the 1993 charity because when the group toured the school, everyone "reached us on a personal level by showing what a warm and closely knit organization St. Mary's is," Sullivan said. "The principal knew everybody by name. The faculty was really enthusiastic. They made learning exciting for the kids."

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Genetic forecasting: Researchers look to genes to predict diseases that may afflict a person through a lifetime *Page 2*

'An open door': Gerald Early, Ph.D., strives to offer students a balanced African and Afro-American Studies Program *Page 3*

Getting a total education: Chris Loving, associate director of residential life, offers tips to students who visit college campuses *Page 7*

Medical Update

Researchers stalk 'death genes' for clues to disease severity

Your family has a history of sudden death. You might be carrying a gene that could stop your heart cold. Do you choose DNA screening to calculate your genetic liability? Or do you refuse testing, preferring not to know that you carry the gene?

Most of us don't face these choices. But they are hugely important decisions for people who may harbor genes that cause sudden death. Today, routine gene screening foreshadows some of the ills that will afflict a person throughout a lifetime. Yet tests that find a disease gene tell only part of the story. How do you live with the knowledge that you may die suddenly from a genetic catastrophe? What kind of life will you have? How serious is your disease? Finding the gene doesn't answer these questions, says Daniel P. Kelly, M.D., assistant professor of medicine at the School of Medicine.

Genetic disease is a story that can have many different endings: A person carrying the gene for hypertrophic cardiomyopathy, for example, can develop a mild or moderate heart disease, or die suddenly from a more severe form. Patients with genetic disease tell their doctors they want more information. If a person chooses genetic testing, he or she may want additional information such as how bad the disease will be, Kelly says. "We don't have those answers, but our goal is to develop means of predicting the severity of a person's illness."

Kelly and his colleagues, Steven R. Bergmann, M.D., Ph.D., associate professor of medicine, and Burton E. Sobel, M.D., Tobias and Hortense Lewin Professor of Cardiovascular Diseases, are one step closer to that goal. They report in the March issue of the American Journal of Cardiology promising results in visualizing how a defective gene undermines the heart's energy supply. The disease, long-chain acyl-CoA dehydrogenase (LCAD) deficiency, can cause sudden death by restricting the heart's ability to turn long-chain fatty acids into fuel. The heart normally uses fats as its prime energy source. Without properly functioning LCAD, the heart can't turn these fatty acids into fuel. Under stressful circumstances the heart runs out of energy and stops.

LCAD deficiency leaves no clues to tell who will die suddenly and who will live a normal life. But Kelly and his colleagues suspected that positron emission

tomography (PET), which can visualize how the heart uses energy, might help separate patients into groups according to how severe their disease is. As suspected, PET showed that the hearts of sick patients don't use fatty acids as efficiently as those in the normal control group. Also, patients with LCAD deficiency differ; some appear to handle fatty acids better than others. This may allow physicians to begin to stratify different forms of LCAD deficiency and to identify other related forms of inherited heart disease, Kelly notes.

Little warning

LCAD is just one of several genetic causes of sudden death that doctors would like to predict better. The first warning of such disorders is usually death. Nearly 10 years ago, researchers in the United States and Europe began to zero in on one such deadly disease. Children who had made it through the perils of infancy were dying as toddlers. Most of the children with the mysterious disorder were about two years old, too old to be considered candidates for sudden infant death syndrome.

Urine screening helped explain why the children died. They lacked a sound copy of one of three enzymes that break down fatty acids. Each enzyme is an acyl CoA dehydrogenase (AD) named according to the size of fatty acid — short-chain (SC), medium-chain (MC) or long-chain (LC) — it digests. The three enzymes — SCAD, MCAD and LCAD — work within the body turning fatty acids into energy. A defect in one of these enzymes can be enough to kill a person. When the body runs low on sugar, it begins to burn the fats and fatty acids it has stored. People with such oxidation disorders cannot produce the energy needed by their body when fat is the main energy source. The urine screening showed that MCAD deficiency was killing the children.

A child born with MCAD deficiency is always at risk of sudden death. There's relatively little warning. Missing a meal or

being sick — both of which can rapidly lower blood sugar levels — can kill these children. Often the only sign of MCAD deficiency is low blood sugar or sudden death, Kelly says. Without knowing the genetic mutation involved in MCAD deficiency, researchers could not develop a rapid, simple screening test to identify children earlier. Such a test could identify MCAD deficient children at birth, and alert parents to the dangers of fasting and low blood sugar.

Six years ago, Kelly and Arnold W. Strauss, M.D., professor of pediatrics at the School of Medicine, set the stage for the development of such a screening test when they found the MCAD gene defect. To their surprise they found that most cases of MCAD deficiency are caused by a single, common mutation in the MCAD gene. A single mutation is good for screening, Kelly says, but even with the screening test, MCAD deficiency remains an unpredictable disease. "If you take 10 kids with MCAD, two could die suddenly, two could

have a very severe course, and the rest could be without symptoms."

If MCAD deficiency is diagnosed, the child's doctor and a genetic counselor advise the parents about danger signs. MCAD deficiency typically is treated by avoiding fasting.

Some scientists favor dietary manipulation while others prefer long-term therapy

with carnitine, a substance that helps the body break down fatty acids.

Death gene handed down

Familial hypertrophic cardiomyopathy (FHC) is another devastating genetic cause of sudden death that interests Kelly. FHC is a disease that thickens the wall of the heart. People with severe FHC can die suddenly at any time. In 1990, Loyola University basketball star Hank Gathers, who had been diagnosed with FHC, collapsed and died during a basketball game. Death in such cases may be closely related to physical exertion, hence the high rate of deaths in

athletes who have FHC.

Several years ago researchers at Harvard University and the National Institutes of Health uncovered a genetic defect linked to FHC. The gene they found produces a defective muscle contractile protein found in high quantities in heart muscle. Studies showed that nearly 40 percent of cases of familial hypertrophic cardiomyopathy involve a defect in the beta myosin heavy chain gene. As with MCAD deficiency, though, the presence of the defective gene doesn't give doctors any idea how the disease will progress.

In St. Louis, Kelly and his colleagues have followed a large Illinois family that has a devastating history of FHC. The family pedigree is studded with people who died suddenly between the ages of 20 and 40. Kelly was determined to see if there was a correlation between the type of mutation and severity of disease. He also enlisted the aid of colleagues at Baylor University to screen several of the families they had been studying. The result of their work shows that the specific beta myosin heavy chain gene mutation correlates with a severe form of FHC. "Whether this will hold up with all of the mutations that have been discovered remains to be determined," Kelly says.

Unlike MCAD deficiency, where the majority of patients have a single common mutation, patients with FHC can have any of a variety of mutations. There are at least 15 mutations of the beta myosin heavy chain gene linked to FHC, Kelly says, making the job of predicting disease outcome much more difficult.

No matter how many tests doctors devise to inform patients and themselves about the severity of a genetic disease, the decision to use those tests still rests with the patient. In Kelly's experience with FHC families, some want genetic testing and some do not. "Some want their children tested so they can figure out ahead of time if a child should play sports," Kelly says. "Others don't want anything to do with genetic testing. It's a denial of sorts because the disease is so horrible."

— Jim Keeley

"... our goal is to develop means of predicting the severity of a person's illness."

— Daniel P. Kelly



Richard W. Brand, D.D.S. (left), assistant dean for admissions and student affairs at the School of Medicine, guides local high school administrators and science and health program coordinators on a tour of the anatomy laboratory. As part of a community education effort, the medical school and Barnes Hospital are taking part in the Metro South Alliance, a school and community-based program in which 12 school districts south of Highway 44 learn about health care through guest speakers and other events, such as the tour of the anatomy lab facilities. School districts participating are: Pattonville, Rockwood, Mehlville, Lindbergh, Affton, Ballas, Fox, Northwest, Oakville, Hancock, Kirkwood and the Special School District.

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 **Washington**
WASHINGTON UNIVERSITY IN ST. LOUIS

Washington People

Early offers students intellectual balance

As director of the African and Afro-American Studies Program, Gerald Early watches students dealing with the same struggles he went through 15 to 20 years before — finding a place as a black American.

"I went through those same struggles when I was their age," Early said. "Most black people have. And you make your peace, in one way or another, in dealing with a lot of those struggles. Each way an older black person makes his or her peace, it's a very valuable lesson for younger black people to learn."

At 40, Early, Ph.D., is an award-winning writer and a respected professor of English and African and Afro-American studies. It's been a long climb.

Early grew up in a single-parent home in Philadelphia. His father died when he was an infant. "I didn't come from some upper middle-class family. My mother never finished high school. I'm the most educated person by far in my family," he said.

His neighborhood, which was located between an Italian community and a black housing project, was fraught with ethnic tensions. Although Early developed friendships with both Italian and black people in his neighborhood, the two groups didn't get along with each other. "The Italians were very racist on the whole, but they were very kind to me. My memory of them is good. I remember eating in their homes. And the black kids I grew up with — I was really very fond of them — they were good kids."

During Early's youth, his working-class neighborhood remained stable. "There wasn't any of this stereotype about welfare recipients," he said. "Most of us kids had some sort of job by the time we were nine or 10, sweeping up a floor or something to make money."

Over time, social forces, such as drug abuse, divorce and teenage pregnancy, took their toll on the neighborhood and it began to collapse.

Early fell victim to crime many times while growing up. In a column, he wrote: "When I was 20, I was attacked in a housing project by four black youths and beaten to the ground. I was robbed of \$14. ... A year after this, my cousin had his brains blown out in a Philadelphia street gang war, and he could only be buried surrounded by a virtual cohort of police officers for fear that the enemy gangs might attack his family and friends at the funeral."

Years later, Early was asked to write an autobiography about growing up in that area. "I had to put that on hold. I'm not ready emotionally to deal with it," he said.

Many of his friends died in prison or from drug and alcohol abuse. Early said it was the influence of his mother and sisters that kept him from going down a similar path.

His maternal grandfather was from the Bahamas. Neighborhood kids used to call Early's grandfather a black Jew because he worked hard and saved money. "I remember black kids when I was growing up saying, 'I know why you're doing so well in school, you're part West Indian,'" Early said, laughing. "If you believe in West Indian values, my mother had them all. She had a strong work ethic. She was very strict, not a woman with a lot of emotion sometimes. Those kind of characteristics were very important if you were not going to fall prey to the kind of stuff other people were falling prey to. I was not indulged as a kid."

Early learned to love books as a child. Routinely, his two older sisters took him to the library, parked him at a table and said, "Here, read these and be quiet."

Early did well in school, and went on to earn a bachelor's degree from the University of Pennsylvania in 1974, a master's degree from Cornell University in 1980, and a doctorate from Cornell in 1982, all in English literature.

He became an instructor in black studies at Washington University in spring 1982. By 1990, he became a full professor of English and African and Afro-American studies. Last year, he was appointed director of the African and Afro-American Studies Program.

Now, Early is looked upon as something of a hero in his old neighborhood. "I'm far more educated than anyone I grew up with," he said. "When I go back to my old neighborhood, those people hold me in awe. I went to school. I've got all these degrees and, now 'Oh, he's a famous writer.' I'm the local kid who made good. The people in the neighborhood feel a certain ownership with that. It makes me feel good that they feel what I've done represents them in some way."

In spite of his successes, Early has been the target of some criticism. Upon being named director, some students protested that Early was not "sufficiently Afrocentric" to head the program.

Afrocentrism argues that the world should be defined through the unique perspective and consciousness of African peoples. Early's views on Afrocentrism in education are well known. He does not believe African history and ideas should be taught at the expense of American history and ideas. "Black children are not suffering from enduring a 'politically incorrect' education. They are suffering because few people care whether they are educated at all," Early wrote in an opinion piece. "Black minds are not being

black studies to be an open door through which anyone can enter."

Early said he understands the struggle of young black people searching to find their way. While he believes older black people make their peace eventually, they still deal with some of those same issues occasionally. While Early fights racial separatism, he is careful to make sure his two daughters do not become too assimilated into white society. In one article he wrote about his distress when his daughters

straightened their hair. In another, he revealed his hesitation to get a Golden Retriever because purchasing a "friendly, suburban, sitcom-type dog was another concession to white, middle-class taste."

"Quite honestly, I'm a conflicted person. No, I don't like racial separatism. I make my claim and identify myself as an American. I understand this culture. I feel very comfortable in this culture. I'm not going to go around and try to pretend that I'm not or to manufacture myself as something other than what I am. I'm a product of this culture. That's not to say I don't have criticism of the culture just because I'm a product of it, or I feel the culture has always been a good or fulfilling experience for black people. I think it's a real struggle and, in a lot of ways, painful for a black person to be a Westerner."

"I don't want my daughters to feel that black is everything or that all their whole world has to be defined by the fact that they're black. But, I don't want them to feel that being black is nothing and that it's meaningless. No, it means something. It has a history and it has an importance, but I don't want them to be ruled by it. I don't want them to feel imprisoned by their color."

Early takes his new responsibilities as director seriously. He has given up much of his teaching time, and he has more sleepless nights. "I'm not teaching as much as I used to since I've become director. I miss that because I really don't feel too comfortable being an administrator. You've got to go to a lot of meetings and you're always worried about how much is in your budget. I used to not think about those kinds of things. Now I have to think about them all the time."

In spite of the stresses and strains, Early has continued a prolific writing career. He has written the book *Tuxedo Junction: Essays on American Culture*. His book *A Culture of Bruising: Essays on Prizefighting, Literature and Modern American Culture* will be out this fall.

In addition, he has edited *My Soul's High Song: The Collected Writings of Countee Cullen* and the first volume of *Speech and Power: The African-American Essay in Its*

Cultural Content. The second volume is due in the fall. *Lure and Loathing: Essays on Race, Identity, and the Ambivalence of Assimilation* just came out.

Early's essays appear in major newspapers and magazines across the country. His writing has earned him recognition in academic and literary circles. In 1988, he was among 10 American writers to receive a \$25,000 Whiting Prize. That same year he was among six to earn a \$5,000 General Electric Foundation Award for Younger Writers.

Primarily, Early is an American culture critic. *Tuxedo Junction*, his first collection of essays, published in 1990, touched on topics ranging from jazz, to the Miss Black America pageant, to boxing. Early said he has become more confident about himself as a critic.

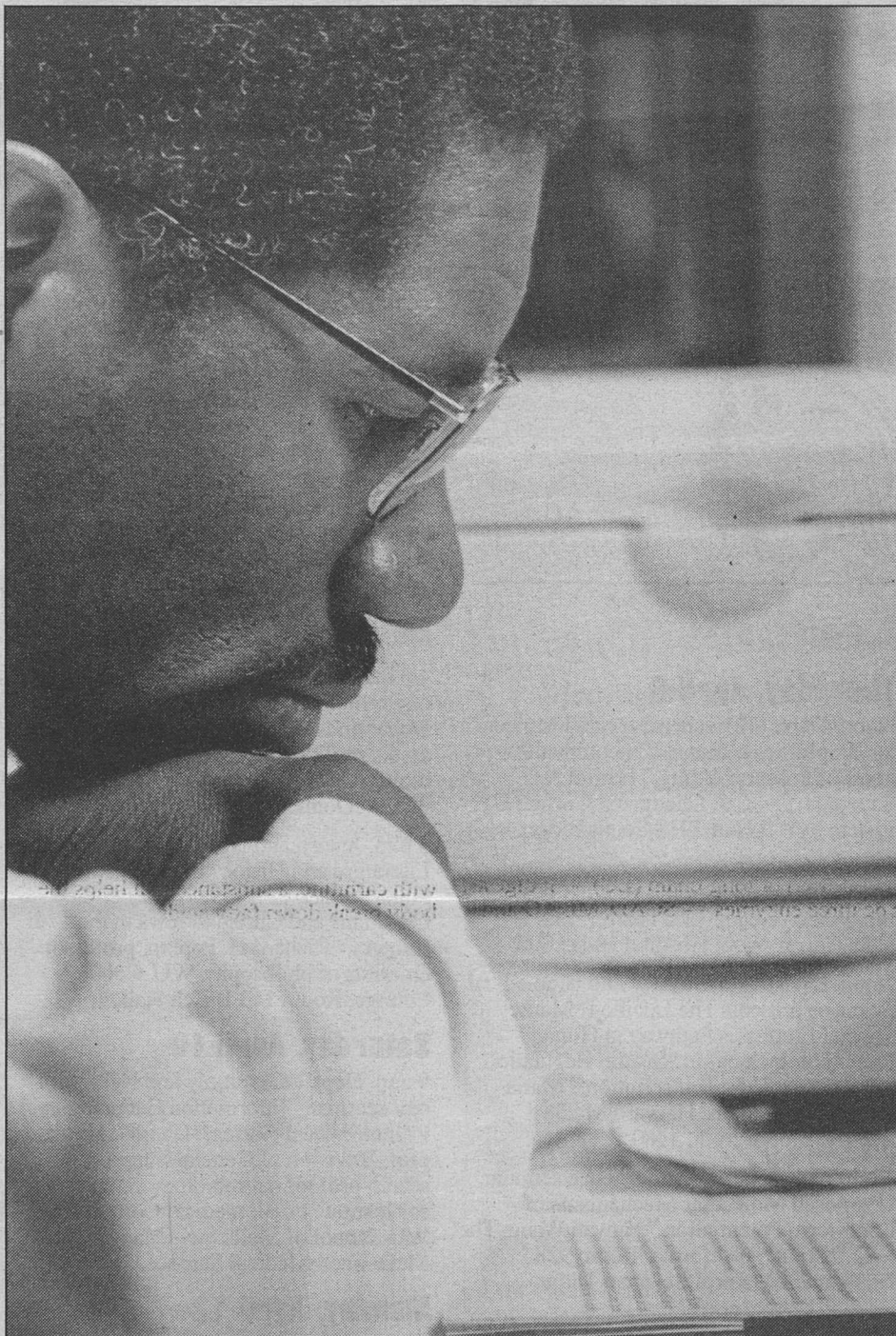
"It's not a matter of going out and trying to annoy people or to be controversial or anything like that," said Early, who is known for being articulate and forthright. "I have something I want to say. I'm trying to say it in the most direct and best way I can. You can agree with it or not, but there's nothing I can do about how I'm seeing something. I'm too busy working out how I'm seeing what I'm seeing, why I see it in the way I see it, to be really that concerned about whether people agree with it," he said.

Although his first love is literature, Early's strong interest in jazz and boxing has led him to write many essays on those subjects. Early said he has vivid memories of his uncles crowded around a small black-and-white television, drinking beer and watching the Gillette Friday night fights, while his aunts, in another room, listened to old jazz records.

Early said he saw a kind of heroism in boxing and jazz, and that's what attracted him. "It didn't even occur to me to be a boxing critic until I found out that I knew more than most people knew, more than most people want to know," he said, laughing.

"My intention has always been and still is to be a literary critic. I thought I was going to make a name for myself talking about literature. I like literary criticism a lot. I like being an English professor a lot."

— Deborah Parker



"I strongly believe black studies to be an open door through which anyone can enter."

destroyed by "whiteness," they are being destroyed by neglect. It is not a horror if a black child loves L. Frank Baum and has never heard of Sundiata; it is a horror if he or she is incapable of reading either."

Early intimately knows Afrocentrism. Three of his aunts married Africans. Two of them became Yoruba priests. "I know it up close and personally," Early said. "A portion of my family really got into it before it was called Afrocentrism. I probably know it better than most of the students do. In fact, one of my aunts recently blasted me for allowing Swahili to be taught instead of Yoruba. She said Swahili is the language of the slave trader."

Looking out for the best interest of students, Early advocates a more balanced program — one that opposes racial separatism, includes both black and white faculty members and is not Afrocentric in nature.

Early said in the long run he believes students will be happier with a program that is not ideological. "I think students will find that the program is very supportive of them intellectually. I think they'll like the program better because it's not prescriptive and it's not telling people to think in a certain way. It's going to try to help people to learn how to think on their own terms. I strongly believe

Calendar

April 8-17



Exhibitions

"SKIN." An exhibit of varied interpretations of the word "skin." Works created by students of the WU School of Fine Arts. Exhibit opening: 7 p.m.-midnight April 16. Exhibit continues through April 18. 6 Floor Gallery, 1310 Washington Ave. Hours: noon-4 p.m. and 8 p.m.-midnight Saturdays; and noon to 4 p.m. Sundays. For more info., call 621-1944.

Master of Fine Arts Thesis Exhibition I. Opening: 5-7 p.m. April 9. Exhibit continues through April 18. Gallery of Art, upper gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 935-6597.

First-year Master of Fine Arts Exhibition. Through April 18. Pierce Arrow Bldg., 4814 Washington Ave., second floor. Hours: 10 a.m.-5 p.m. Saturdays; 2-5 p.m. Sundays. For more info., call 935-6500.

School of Fine Arts Junior Exhibit. Through April 18. Bixby Gallery, Bixby Hall. Hours: 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. For more info., call 935-4643.

"Perspectives: Jarvis Thurston and Mona Van Duyn." Through May 7. Olin Library, Special Collections, Level 5. Hours: 8:30 a.m.-5 p.m. weekdays. For more info., call 935-5495.

"Washington University Art Collections—19th- and 20th-century European and American Artists." Through May. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 935-4523.

"Bodies, Bones and Belligerence: China Perceived by Westerners, 1914-1941." Through May 28. Glaser Gallery, seventh floor, School of Medicine Library. Hours: 8 a.m.-10 p.m. weekdays; 1-6 p.m. weekends. For more info., call 362-4239.

"Goddesses, Queens and Women of Achievement on Coins and Medallions From the Wulfin and Bixby Collections." Through July 3. Gallery of Art, lower gallery, Steinberg Hall. Hours: 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 935-4523.



Films

Thursday, April 8

7 p.m. Dept. of Asian and Near Eastern Languages and Literatures Japanese Film Series presents "Red Sorghum" (English subtitles). Room 219 South Ridgley Hall.

Friday, April 9

7 and 9:30 p.m. Filmboard Feature Series presents "My Life As A Dog" (Swedish with English subtitles). (Also April 10, same times, and April 11, 7 p.m.) Room 100 Brown Hall. Cost: \$3. **For 24-hour Filmboard hotline, call 935-5983.**

Midnight. Filmboard Midnight Series presents "Betty Blue" (French with English subtitles). (Also April 10, same time, and April 11, 9:30 p.m.) Room 100 Brown Hall. Cost: \$3.

Monday, April 12

6:30 and 9:30 p.m. Filmboard Classic Series presents "Little Big Man." (Also April 13, same times.) Room 100 Brown Hall. Cost: \$3.

7 p.m. Dept. of Asian and Near Eastern Languages and Literatures Near Eastern Film Series presents "Dreams of Hind and Kamila" (English subtitles). Room 219 South Ridgley Hall.

Thursday, April 15

7 p.m. Dept. of Asian and Near Eastern Languages and Literatures Japanese Film Series presents "The Funeral" (English subtitles). Room 219 South Ridgley Hall.

Friday, April 16

6 and 9 p.m. Filmboard Feature Series presents "The Last Temptation of Christ." (Also April 17, same times, and April 18, 6:30 p.m.) Room 100 Brown Hall. Cost: \$3.

Midnight. Filmboard Midnight Series presents "Truth or Dare." (Also April 17, same time, and April 18, 9:30 p.m.) Room 100 Brown Hall. Cost: \$3.



Lectures

Thursday, April 8

Noon. Dept. of Biochemistry and Molecular Biophysics seminar, "Theoretical Aspects of Protein Folding," Harold A. Scheraga, Dept. of Chemistry, Cornell U., Ithaca, N.Y. Room 2918 South Bldg.

Noon. Dept. of Genetics seminar, "Studies of Colorectal Cancer and the DCC Tumor Suppressor Gene," Eric Fearon, Yale U., New Haven. Wohl Hospital Bldg. Aud.

Noon. Division of Biology and Biomedical Sciences presents The Lucille P. Markey Special Emphasis Pathway in Human Pathobiology lecture, "Insulin Regulation of GAPDH Gene Transcription," Maria Alexander-Bridges, Harvard Medical School. Moore Aud., 4580 Scott Ave.

12:30 p.m. Special Neuroscience seminar, "Proposed Molecular Mechanisms of Long-term Potentiation," Yanyan Wang, The Salk Institute, California. Room 928 McDonnell Medical Sciences Bldg.

1:10 p.m. George Warren Brown School of Social Work lecture, "Maintaining a Family-centered Focus in Child Welfare," Ann Hartman, dean, Smith College School for Social Work, Northampton, Mass. Brown Hall Lounge.

4 p.m. Assembly Series presents the Thomas Hall Lecture, "A Brave, New, Healthy World: Social Medicine and Scientific Humanism in the 20th Century," Dorothy Porter, Wellcome Research Lecturer in the History of Medicine, University of London. Room 215 Rebstock Hall.

4 p.m. Dept. of Chemistry seminar, "Collective Motions in Central Nuclear Collisions: The Evolution of 40Ar Reactions up to the Fermi Energy," John Alexander, State U. of New York, Stony Brook. Room 311 McMillen Laboratory. (Coffee: 3:40 p.m. outside Room 311.)

4 p.m. Dept. of Russian lecture, "Love as 'Random Walk' in Turgenev's Fiction," Joan Grossman, prof. of Russian, U. of California, Berkeley. Women's Bldg. Lounge.

4 p.m. Division of Biology and Biomedical Sciences Student-sponsored seminar, "Non-muscle Myosin, the Cytoskeleton, Cell Shape Changes and Morphogenesis," Daniel P. Kiehart, Duke U., Durham, N.C. Erlanger Aud., McDonnell Medical Sciences Bldg.

4:15 p.m. Dept. of Philosophy colloquium, "Shaping Feminist Culture," Virginia Held, prof. of philosophy, Hunter College and Graduate School, Columbia U., New York. Alumni House, 6510 Wallace Circle.

4:30 p.m. Dept. of Mathematics colloquium, "Cauchy Transforms and Non-commutative Probability," Hari Bercovici, prof., Indiana U., Bloomington. Room 199 Cupples I Hall. (Tea: 4 p.m., Room 200.)

Friday, April 9

9:15 a.m. Pediatric Grand Rounds, "New Drugs on the Block — The Mechanism(s) of Action of Anticonvulsants," Steven M. Rothman, A. Ernest and Jane G. Stein Professor of Developmental Neurology, WU School of Medicine; and director, Division of Pediatric Neurology, St. Louis Children's Hospital. Clopton Aud., 4950 Children's Place.

11 a.m. Immunology Program thesis defense, "Studies on Intracellular Protein Targeting," Bethany Westlund, graduate student, WU. Room 8841 Clinical Sciences Research Bldg.

Noon. Division of Biology and Biomedical Sciences Drosophila Discussion Group seminar with Daniel P. Kiehart, Duke U., Durham, N.C. Room 212 Natural Sciences Bldg.

Noon. Division of Biology and Biomedical Sciences Drosophila Discussion Group seminar, "Studies of the 95F Unconventional Myosin," Valerie Mermall, WU. Room 212 Natural Sciences Bldg.

Noon. Dept. of Cell Biology and Physiology seminar, "Clathrin Assembly Protein AP 180: An Analysis of Primary Structure and Function," Ernst Ungewickell, assoc. prof., Dept. of Pathology, WU. Room 423 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Anatomy and Neurobiology seminar, "Family Ties: The D2-like Dopamine Receptors," Karen O'Malley, assoc. prof., Dept. of Anatomy and Neurobiology, WU School of Medicine. Room 928 McDonnell Medical Sciences Bldg.

4 p.m. Jewish and Near Eastern Studies, Literature and History program and Religious Studies Committee lecture, "Jewish Christians and Christian Jews in the 17th Century," Richard H. Popkin, professor emeritus of philosophy, WU. Cohen Lounge, Room 113 Busch Hall.

Saturday, April 10

9 a.m. Dept. of Anatomy and Neurobiology seminar, "Information Encoding in Primate Visual Cortex," Charles Anderson, prof., Division of General Surgery; research prof. of neurobiology, and Professor Institute of Biomedical Computation, WU School of Medicine. Erlanger Aud., McDonnell Medical Sciences Bldg.

Monday, April 12

9 a.m. Neuroscience Program thesis defense, "The Orbital and Medial Prefrontal Cortex of the Macaque: Anatomical Parcellation and Evidence for Limbic, Sensory and Premotor Integration," S. Thomas Carmichael, graduate student, WU. Room 928 McDonnell Medical Sciences Bldg.

Noon. Dept. of Neurology and Neurological Surgery seminar, "Expression of Acetylcholine and Glutamate Receptor Genes in Brain: Implications for Alzheimer's and Other Neurodegenerative Diseases," Allan I. Levey, Emory U., Atlanta. Schwarz Aud., first floor, Maternity Bldg.

12:30 p.m. Society of Professors Emeriti luncheon/lecture, "Changes, Changes and More Changes," Shirley K. Baker, dean of University Libraries. Whittemore House, 6440 Forsyth Blvd. For more info., call 721-2697.

3 p.m. Division of Biology and Biomedical Sciences presents the Jewish Hospital Board of Directors Lecture of Distinction in Research seminar, "The Adrenergic Receptors," Robert J. Lefkowitz, Duke U., Durham, N.C. Steinberg Amphitheater, Jewish Hospital.

4 p.m. Dept. of Biology presents The Viktor Hamburger Lecture, "Experimental Embryology — A Tool to Dissect the Molecular Processes Underlying Development," Lynn Landmesser, prof., Dept. of Physiology and Neurobiology, U. of Connecticut, Storrs. Room 215 Rebstock Hall.

4 p.m. Graduate Program in Immunology seminar, "Outer Membrane Proteins of *Haemophilus influenzae*," Robert S.

Munson Jr., assoc. prof., depts. of pediatrics and molecular microbiology, WU. Third Floor Aud., St. Louis Children's Hospital, 400 S. Kingshighway.

8 p.m. School of Architecture Monday Night Lecture Series presents "Le Corbusier, Photography, Colonization," Beatriz Colomina, asst. prof., Princeton U. School of Architecture. Steinberg Hall Aud. For more info., call 935-6200.

Tuesday, April 13

Noon. Radiology Research Division Brown Bag Seminar, "Clinical Utility of 3D for Craniofacial Deformities," Jeffrey L. Marsh, prof., WU Dept. of Surgery. Room 482 Old Children's Hospital.

12:30 p.m. Human Studies Committee and Continuing Medical Education presents the School of Medicine Lecture Series, "Physician-assisted Suicide," Marvin E. Newman, visiting prof., WU School of Law. East Pavilion Aud., Barnes Hospital, One Barnes Hospital Plaza.

2:30 p.m. Dept. of Mathematics major oral with Anita Pabody, graduate student, WU. Room 199 Cupples I Hall.

3 p.m. Molecular Genetics Program thesis defense, "Structure of Paused and Halted Transcription Complexes Containing *Escherichia coli* RNA Polymerase," Donna Natalie Lee, graduate student, WU. Room 212 Natural Sciences Bldg.

4 p.m. Dept. of Anthropology Colloquium series, "Beginnings of Food Production in the Near East," Ofer Bar-Yosef, Dept. of Anthropology, Harvard U., Cambridge. Room 149 McMillan Hall. (Coffee: 3:30 p.m.)

4 p.m. Dept. of Mathematics Ph.D. oral, "Extremal Problems Involving Logarithmic and Green Capacity," Richard Laugesen, graduate student, WU. Room 199 Cupples I Hall.

4 p.m. European Studies Program lecture, "The Rise of Europe — The Decline of Switzerland?" Michael Böhler, prof. of German, U. of Zurich. Women's Bldg. Lounge.

4 p.m. Dept. of Molecular Microbiology seminar, "Antigen Presentation by Class I and Class II Molecules," Per Peterson, Dept. of Immunology, The Scripps Research Institute, La Jolla, Calif. Cori Aud., 660 S. Euclid Ave.

8 p.m. Dept. of Germanic Languages and Literatures lecture, "Von Staemmen zu Systemen. Ueber den theoretischen Umgang der Germanistik mit Einheit und Vielfalt der Literatur im deutschsprachigen Kulturraum," Michael Boehler, prof. of German, U. of Zurich and visiting prof., Stanford U. Hurst Lounge, Room 201 Duncker Hall.

Wednesday, April 14

8 a.m. Dept. of Obstetrics and Gynecology Grand Rounds, "Potential Pitfalls of Laparoscopic Surgery," Vicki Seltzer, chair of CREOG in Ob/Gyn and director, Dept. of Obstetrics and Gynecology, Queens Hospital Center, Jamaica, N.Y. Clopton Aud., 4950 Children's Place.

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 Marie Doss at Box 1070 (or via fax: 935-4259). Submission forms are available by calling 935-8533.

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 935-8533.

11 a.m. Assembly Series presents the John and Penelope Biggs Lecture in the Classics and Phi Beta Kappa/Sigma XI Lecture, "Res Publica - Res Populi: The Roman Citizen in Classical Literature," Philip Levine, prof. of classics, U. of California, Los Angeles. Graham Chapel. For info., call 935-5285.

12:30 p.m. Neuroscience Luncheon seminar, "Mechanisms of Nonpeptidic Antagonist Blockade of the Substance P Receptor," Bruce Sachais, graduate student, WU. Room 928 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Mathematics Analysis seminar, "Unique Continuation of Schrodinger Equations With Singular Potentials," Yifei Pan, prof., Indiana U.-Purdue U. of Indianapolis. Room 199 Cupples I Hall.

4 p.m. Dept. of Physics colloquium, "Surface Melting, Frost Heave and the Electrification of Thunderstorms," Greg Dash, U. of Washington, Seattle. Room 204 Crow Hall. (Coffee: 3:30 p.m., Room 245 Compton Hall.)

4 p.m. Joint Center for East Asian Studies Colloquium series, "East Asia and Industrialization," Bruce Cumings, U. of Chicago. Room 331 Social Sciences and Business Bldg., U. of Missouri-St. Louis, 8001 Natural Bridge Road.

Thursday, April 15

9:30 a.m. Division of Pulmonary and Critical Care Medicine 17th I. Jerome Flance Lecture, "More Than Antitrypsin Deficiency," John A. Pierce, prof. emeritus of medicine, WU School of Medicine. Clopton Aud., 4950 Children's Place.

Noon. Dept. of Genetics seminar, "Do Mutations in the Amyloid Precursor Protein Gene Cause Alzheimer's Disease?" Allison Goate, Dept. of Psychiatry, WU. Room 816 McDonnell Medical Sciences Bldg.

Noon. Dept. of Molecular Biology and Pharmacology seminar, "Regulated Alternative Splicing: Complexity Under Control," Bernardo Nadal-Ginard, Pfizer Visiting Cardiovascular Professor, Harvard Medical School, Boston. The Philip Needleman Library, Room 3907 South Bldg.

4 p.m. Dept. of Chemistry seminar, "Spectroscopic and Mechanistic Studies of Metal Cofactors in Biology," James A. Cowan, Ohio State U., Columbus. Room 311 McMillen Laboratory. (Coffee: 3:40 p.m. outside Room 311.)

4 p.m. Division of Biology and Biomedical Sciences Student-sponsored seminar, "Control of Cell Cycle and Morphogenesis in Budding Yeast," Ira Herskowitz, U. of California. Erlanger Aud., McDonnell Medical Sciences Bldg.

4:30 p.m. Dept. of Mathematics colloquium with Randy McCarthy, Brown U., Providence, R.I. Room 199 Cupples I Hall. (Tea: 4 p.m., Room 200.)

Friday, April 16

9:15 a.m. Dept. of Pediatrics presents the Pfizer Visiting Cardiovascular Professorship Lecture, "Molecular Aspects of Cardiac Growth and Hypertrophy. Prospects for Cardiac Regeneration," Bernardo Nadal-Ginard, Alexander S. Nadas Professor of Pediatrics, prof. of cellular and molecular physiology, Harvard Medical School, Boston. Clopton Aud., 4950 Children's Place.

Noon. Dept. of Cell Biology and Physiology seminar, "Molecular Density of a Sweet Tooth Cavity: Probing the Glucose-sensitive Potassium (K_{ATP}) Channel," Colin G. Nichols, asst. prof., WU Dept. of Cell Biology and Physiology. Room 423 McDonnell Medical Sciences Bldg.

1 p.m. Solid-state Engineering and Applied Physics seminar, "A Novel Technique for Fabrication of D-shaped Optical Fibers for Fiber-waveguide Coupling," Marcelo H. Cordaro, graduate student, WU Dept. of Electrical Engineering. Room 305 Bryan Hall.

3 p.m. Dept. of Chemistry Graduate Student-sponsored seminar presents the Leopold Marcus Lecture, "Transition Metal Templates for Synthetic Efficiency," Barry M. Trost, Stanford U. Room 461 Louderman Hall.

3:30 p.m. Dept. of Mathematics Analysis seminar, "Singular Integrals With Holomorphic Kernels and Fourier Multipliers on Star-shaped Lipschitz Curves," Tao Qian, prof., U. of New England, Armidale, NSW, Australia. Room 199 Cupples I Hall.

4 p.m. Assembly Series presents the Tyrrell Williams Lecture, "Legal Education in the '90s: It Was the Best of Times, It Was the Worst of Times," Betsy Levin, Visiting Arch T. Allen Distinguished Professor of Law, U.

of North Carolina. Court Room, Mudd Hall. For more info., call 935-5285.

4 p.m. Dept. of Anatomy and Neurobiology seminar, "Maps and Controlled Remappings: Basic Elements of Neural Computation," Charles Anderson, prof., Division of General Surgery; research prof. of neurobiology and Professor Institute of Biomedical Computation, WU. Room 928 McDonnell Medical Sciences Bldg.

4 p.m. Dept. of Earth and Planetary Sciences Charles W. Buescher Memorial Colloquium, "Mineral Physics: From Spectroscopy to Earth Models," Dion L. Heinz, asst. prof., Dept. of Geophysical Science, U. of Chicago.

4 p.m. Dept. of Music lecture with composer Willard Roosevelt. He will discuss his music. Alumni House, 6510 Wallace Circle.

Saturday, April 17

9 a.m. Dept. of Philosophy seminar, "Component Placement Optimization in the Nervous System," Chris Cherniack, U. of Maryland, College Park. Erlanger Aud., McDonnell Medical Sciences Bldg.



Music

Saturday, April 10

8 p.m. Dept. of Music presents the WU Chorus concert, directed by Robert Ray. Graham Chapel.

Tuesday, April 13

Noon. Dept. of Music presents the WU Baroque Ensemble Concert with students and faculty, directed by Elizabeth Macdonald. Women's Bldg. Lounge.

Friday, April 16

6:30 p.m. Dept. of Music presents an oboe recital with oboist Dedra Foote, pianist Annette Burkhardt and bassoonist David Zar. Gallery of Art, Steinberg Hall.

8 p.m. Dept. of Music presents the Chamber Choir of WU, "A Concert of 17th-century Music," directed by John Stewart. Graham Chapel.

Saturday, April 17

7 p.m. Ashoka, the Indian student association, presents a classical Indian music concert with Imrat Khan, poet of sitar and surbahar. Khan will be accompanied on the tabla by Shafaatullah Khan. Edison Theatre, Mallinckrodt Center. Cost: \$15 for the general public, senior citizens and WU faculty and staff; \$10 for students. For more info., call 935-1965 or 935-6543.



Performances

Friday, April 9

8 p.m. Performing Arts Dept. presents "A Little Night Music" by Stephen Sondheim. (Also April 10, same time; and April 11, 2 p.m.) Edison Theatre. Cost: \$7 for the general public; \$5 for students, senior citizens and WU faculty and staff. For more info. and reservations, call 935-6543.



Miscellany

Thursday, April 8

4 p.m. Dept. of Asian and Near Eastern Languages and Literatures and the Teaching Center are sponsoring a presentation, "Computer-assisted Language Learning for Chinese: An Interactive Video Lesson," Ted Yao, prof., Mount Holyoke College, South

Hadley, Mass. Room 219 South Ridgley Hall. For more info., call 935-4326.

9 p.m. Thurtene is sponsoring "Rat Nite" with Thurtene Buckets. Umrath Hall's Umrathskeller. For info., call 935-3033.

Friday, April 9

10 a.m.-5 p.m. Dept. of Asian and Near Eastern Languages and Literatures and the Teaching Center present a field test, "Computer-adaptive Test for Reading Chinese," Ted Yao, prof., Mount Holyoke College, South Hadley, Mass. Arts and Sciences Macintosh Lab, Room 1 Prince Hall. For more info., call 935-4326.

Saturday, April 10

10:30 a.m.-noon. University College presents a short course, "Viewing Contemporary Dance," Annelise Mertz, professor emerita of dance, WU Performing Arts Dept. (Continues April 17, same time; April 22, 4:15 p.m.; April 24, 10:30 a.m.; and April 25, 2 p.m.) Cost: \$75 (includes one ticket to Sunday performance); elementary, high school and college instructors may register for \$40. For registration or more info., call 935-6788.

'SKIN' exhibit featured at 6 Floor Gallery

School of Fine Arts students will display works that reflect their interpretation of the word "skin" during an exhibit April 16 through 18 at the 6 Floor Gallery, 1310 Washington Ave.

The exhibit, titled "SKIN," features the art work of juniors, seniors, graduate students and Visiting Associate Professor Phyllis Plattner. An opening reception will be held from 7 p.m. until midnight April 16. The reception is free and open to the public.

Imrat Khan to perform classical Indian music

Musician Imrat Khan will perform a concert of classical Indian music at 7 p.m. April 17 in Edison Theatre. Khan, who is widely recognized as one of the premier musicians of Indian music, has performed and lectured throughout the world. He teaches classes through University College.

Khan comes from a family that traces its origins back through an unbroken line of celebrated musicians to the court of the great Moghul Emperor Akbar in the 16th

Monday, April 12

8 p.m. WU English Club and International Writers Center present "Open Mike Night." Stix International House, 6470 Forsyth. For more info., call 935-5576.

Wednesday, April 14

8 p.m. Dept. of English presents "Readings From the Writing Program" with Rosa-Maria Arenas, Anne-Marie Cusac and Camelia Isbell. Hurst Lounge, Room 201 Duncker Hall.

Saturday, April 17

9 a.m.-5:30 p.m. Committee on Comparative Literature, Dept. of Asian and Near Eastern Languages and Literatures, Dept. of English and Dept. of Romance Languages and Literatures present the "Comparative Literature Symposium on Autobiography," featuring several speakers. For more info., call 935-5170.

11 a.m.-8 p.m. WU Thurtene Carnival, "Magic in Motion." (Also April 18, same time.) Corner of Millbrook and Skinker Boulevards. For more info., call 935-3033 or 935-3113.

The exhibit includes prints, paintings, drawings and a sculpture. Senior John Goessmann, one of the show's organizers, said, "The dictionary definition was used in our theme to encourage thinking beyond the first impression of the word. Meanings vary from human flesh, to a banana peel, to ice on a frozen lake."

Exhibit hours are noon to 4 p.m. and 8 p.m. to midnight Saturdays; noon to 4 p.m. Sundays. For information, call 621-1944.

Sports

Baseball

Last Week: Washington 18, Illinois College 5; Washington 13, Maryville 6; Lindenwood 9-8, Washington 5-1; Washington 10-7, Blackburn 1-4

This Week: Missouri Baptist College, 3 p.m. Thursday, April 8, St. Louis; MacMurray College, 1 p.m. Saturday, April 10, Kelly Field; U. of Missouri-St. Louis, 3 p.m. Monday, April 12, St. Louis.

Current Record: 12-11-1

The Bears extended their winning streak versus NCAA Division III foes to five with four interdivisional victories last week. Washington University received a pair of career-high performances from junior outfielder Doug Kalish, Long Beach, N.Y., and freshman catcher Andrew Denlow, Evanston, Ill. Kalish, who last week was named to the UAA's first-team all-tourney squad along with Denlow, delivered three hits, three runs and a career-high four RBI in the victory over Illinois College. In the win over Maryville, Denlow also drove in four runs, three of them with his first career home run.

Joining Kalish and Denlow on the all-UAA first team was freshman designated hitter Dane Glueck, Mountain Home, Ark.

Men and Women's Track and Field

Last Meet: Principia Invitational — Men: 2nd of 7; Women 4th of 7

This Week: Greenville Invitational, Saturday, April 10, 10 a.m., Greenville, Ill.

The Bears braved the cold and damp to post solid finishes at last Saturday's

century, a golden age for the musical arts of India. Although his musical talents cover many instruments, Khan's primary expertise is on the sitar, a long-necked lute with three to seven strings, and the surbahar, a bass instrument related to the sitar and known for its unparalleled sound quality.

The concert, which is sponsored by Ashoka, the Indian student association, costs \$15 for the general public and \$10 for students. For more information, call 935-1965 or 935-6543.

Principia Invitational. Washington University's two winners on the men's side were junior Jeff Showalter, West Chicago, Ill., in the high jump (6' 6"), and junior Brent Rice, Cincinnati, Ohio, in the hammer throw (147' 8"). The women finished fourth in the field of seven team and were led by junior Christel Willis, Oxford, Mass., who finished first in the shot put (34' 2") and fourth in the discus (97' 2"). Other winners were sophomore Jennifer Hendricks, Omaha, Neb., in the javelin (85' 1"), and freshman Julie Pearman, Desloge, Mo., in the 400-meter hurdles (1:10.5).

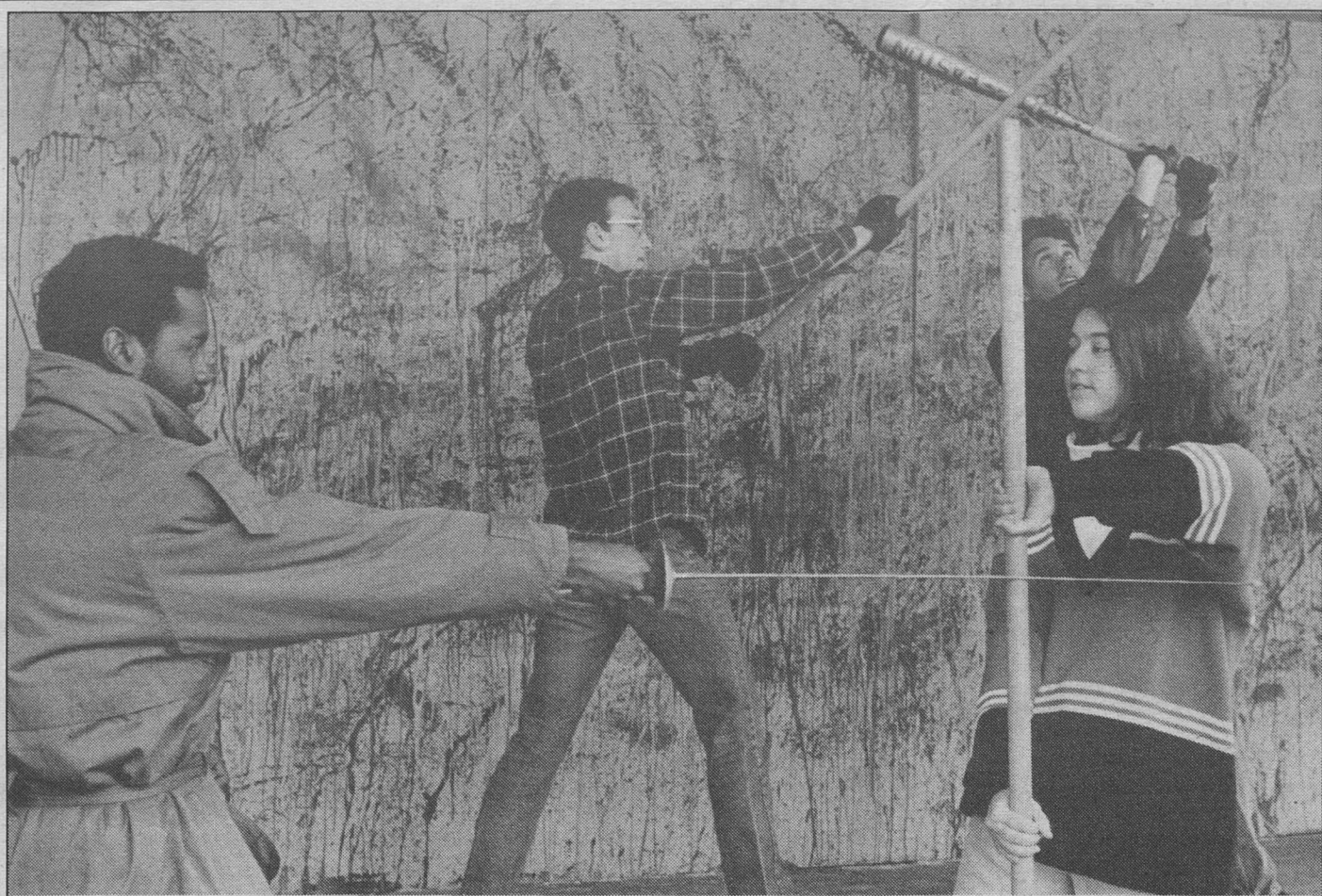
Women's Tennis

Last Week: Washington 5, William Woods 4; Washington 8, Augustana 1; Washington 5, Wheaton 3

This Week: St. Louis University, 3:30 p.m. Wednesday, April 7, WU's Tao Tennis Center.

Current Record: 4-3

The Red and Green pushed their record above the .500-mark for the first time this spring by nipping William Woods in a dual match and then taking top honors at the Third Annual Washington University Invitational. Number-one singles player Rachel Margolis, Wilmette, Ill., sprained a knee in Tuesday's match against William Woods. The injury, which threatens to end Margolis' season, has forced a reshuffling of the lineup and trims the number of healthy players to six. Leading the way with three singles wins last week were juniors Kim Villena, Cincinnati, Ohio, and Stacy Leeds, Muskogee, Okla.



The All Student Theater (above) rehearses "Richard III." The group will present an outdoor performance of William Shakespeare's play at 8 p.m. Thursday, April 8, through Sunday, April 11, in Brookings Quadrangle. All Student Theater is a new student group providing Washington University students the opportunity to produce, direct and perform a theatrical production entirely on their own. The production is sponsored by the Congress of the South Forty, Office of Student Affairs and Student Union. Admission is \$2 for students and \$5 for the general public. Tickets can be bought at the door or through the Edison Theatre box office at 935-6543.

Forty student groups are preparing for Thurtene Carnival — from page 1

Thurtene also was impressed by the school's purpose — to educate the children so that they can function independently, she said.

The children from St. Mary's are "really excited" about the carnival and will be attending the festivities during their spring break, Sullivan added. Of course, everyone gets excited about Thurtene Carnival — from the youngsters hoping to play with Fredbird and the Six Flags Looney Tunes (TM) characters, to the Washington students building facades and rehearsing skits for "The Big Show."

"The excitement of the carnival is building across campus," said Chad Schlueter, Thurtene's internal business chair. "Everyone is working to make the carnival a place where people of all ages will continue to enjoy a comfortable and welcoming atmosphere for families and college students alike." Timothy M. Laczkowski, president of Thurtene, added that "By all indications, student and community participation are already on track to make the carnival better than ever."

Approximately 40 student organizations are building food and game booths as well as constructing six facades. Matthew N. Milner, Thurtene's external business chair who created the carnival theme, explained it this way: "A gasp of breath as the ferris wheel reaches its

peak; palms sweating on the first date; young wide eyes gazing at wisps of cotton candy; families sharing the fun of a weekend — these incidents are 'Magic in Motion.'"

In honor of the carnival, Gov. Mel Carnahan has designated April 15-21 as "Thurtene Carnival Week" in Missouri. Chancellor William H. Danforth will greet carnival goers during brief opening ceremonies.

The festive event will feature 18 rides for both children and adults and more than 20 games, including Weekend Warriors, a new entry, where participants shoot targets with pellet guns, and a baseball game that measures individuals' pitching speeds. Among the rides will be the Moonbounce and the Kiddie Coaster for children and the popular Tilt-A-Whirl and the Gravitron for adults. A variety of foods and drinks, including mango shakes, sushi, non-alcoholic Piña Colodas and cheese pies, will be on sale.

In addition to Fredbird and the Looney Tunes characters, others scheduled to appear at the carnival are Sylvester — a Vess soda can character, the St. Louis Professional Cheerleaders and Dancers, The Clowns, who are from the St. Louis area, and the Washington University Juggling Club-Students Against Gravity.

The Thurtene honorary has sponsored several pre-carnival events to spark enthusiasm for the main event. The group organized a Thurtene 3-on-3 Basketball Tournament, a Thurtene Throng Five-mile Road Race and a series of Night at the Rat (Umrathskeller) events as well as a "Federko's Nite" at the Federko's Bar and Grill, 375 N. Big Bend Blvd.

Since 1991, Thurtene has sponsored a "Stuff a Volkswagen" contest for Washington student organizations participating in the carnival. The group that stuffs 20 members into a Volkswagen Jetta the fastest will win \$300. This year's stuffing was held April 2 outside the Rat. The Asian Students Association won the contest at a record of 7.9 seconds. It was the group's third consecutive victory.

Besides sponsoring pre-carnival events, Thurtene has been working to spread the word about the carnival on a local and national level. At 2 p.m. on April 14, Laczkowski, along with San Sevier Marshall and Dana Roper, the public relations co-chairs, will deliver "Good Morning America!" greetings during a taping to be aired on the Sept. 7 show. KTVI-TV, the local ABC network

affiliate, will tape the segment at the carnival site.

The other Thurtene members and their responsibilities are: Nicole T. Cool and Scott Jones, vice presidents; Kjell J. Lundal, treasurer; Michael A. Goldberg and Michael C. Huckaby, construction and electrical; and Randall L. Brogle and Aaron A. Keen, security. Jim Burmeister, director of special services in the Office of Public Affairs, is the group's adviser, along with Washington alumnus Shannon Sock. For more information on Thurtene Carnival, call San Sevier Marshall at 721-7198 or Dana Roper at 935-3033.

— Carolyn Sanford

Classicist Philip Levine to give Biggs Lecture

Noted classicist Philip Levine will give the John and Penelope Biggs Lecture in the Classics/Phi Beta Kappa/Sigma Xi Lecture at 11 a.m. Wednesday, April 14, in Graham Chapel. His talk, "Res Publica — Res Populi: The Roman Citizen in Classical Literature," is part of the Assembly Series. He also will give a colloquium on "The Preservation and Transmission of Our Latin Authors" at 4 p.m. Monday, April 12, in the Alumni House living room. Both the lecture and the colloquium are free and open to the public.

Levine has been named the John and Penelope Biggs Resident in the Classics



Philip Levine

at Washington University. A professor of classics at the University of California, Los Angeles, he is a specialist in Roman love poetry as well as the survival of classical culture. He has

written about authors as diverse as Catullus and St. Augustine. Since 1984 Levine has served as editor of the Latin Classical Section in Twayne's World Author Series, and since 1986 as a member of the editorial board for Classical Antiquity. He has been a consultant for the Division of Fellowships and Stipends of the National Endowment for the Humanities for more than 25 years.

Levine is a member of the American Philological Association, the Mediaeval Academy of America and the Renais-

Tyrrell Williams Lecture focuses on legal education

Betsy Levin, one of the nation's leading legal educators, will deliver the Tyrrell Williams Lecture at 4 p.m. April 16 in the Court Room at the Seeley G. Mudd Law Building. The lecture, titled "Legal Education in the '90s: It Was the Best of Times, It Was the Worst of Times," is free and open to the public.

Levin served as executive director of the Association of American Law Schools from 1987 to 1992. She currently is the Visiting Arch T. Allen Distinguished Professor of Law at the University of North Carolina — on leave from the faculty of the University of Colorado School of Law. She was dean of the University of Colorado School of Law from 1981-87.

Levin became the first general counsel of the U.S. Department of Education in 1980. She is the author or editor of 17 books and monographs on education law and policy. She has published numerous articles in law journals and chapters in books on legal issues affecting elementary and secondary education, particularly issues of equal education opportunities.

Levin is a 1966 graduate of Yale Law School. She has been a professor at the China Center for American Law Study in Beijing and a Distinguished Visiting Professor at the University of Western Australia. She has taught and conducted research at a number of universities, including Boston University School of Law, Georgetown University Law Center, the University of Southern California Law Center and Stanford School of Education.

The Tyrrell Williams Lectureship was established in 1948 in honor of Williams, a member of the faculty at the School of Law from 1913 to 1946. Williams, who received his LL.B. degree from Washington University, twice served as the School of Law's acting dean and was a charter member of the American Law Institute.

The lecture is co-sponsored by the School of Law and the Assembly Series. For more information about the lecture, call 935-4620.

sance Society of America, among others. His many honors include Guggenheim and Fulbright scholarships.

Prior to joining the University of California faculty in 1961, he taught at Harvard University from 1947-1959 and at The University of Texas at Austin from 1959-1961.

For more information, call 935-4620.

Wilfred Konneker elected to Board

Wilfred R. Konneker, president of the Konneker Development Co., St. Louis, has been elected to the Washington University Board of Trustees, Chancellor William H. Danforth has announced.

Konneker received an undergraduate degree and a master's of science degree in 1943 and 1947, respectively, from Ohio University in Athens. He was awarded a doctorate in nuclear physics from Washington University in 1950.

A member of many civic and professional organizations, he has been an active and supportive member of the Washington University alumni. He previously served as an officer of the Alumni Board of Governors and as a representative to the Board of Trustees. He is a Life Member of the University's Eliot Society.



Wilfred R. Konneker

Millbrook/Skinker lot to close during carnival

Thurtene Carnival will result in a temporary loss of 600 parking spaces when the Millbrook and Skinker parking lot is closed April 13-19. To help offset traffic woes during that time, arrangements have been made to allow members of the Washington University community to park in Forest Park, according to Gary L. Sparks, director of transportation. Parking will be available on the north side of Grand Drive and both sides of Lagoon Drive, he said.

Sparks also encourages drivers with permits to use Washington's shuttle parking location at the West Campus on Forsyth and Jackson. The shuttle runs every 10 minutes from 6:40 a.m. to 6 p.m. Monday through Friday. Individuals also should consider walking, bicycling or carpooling to the University during that week, Sparks added.

News Analysis

News Analysis contains excerpts from the For Expert Comment service. The service, which provides timely faculty comments to media across the country, is distributed by the Office of University Communications.

Students should look beyond the classroom when visiting colleges

April is the most popular month for high school students and their parents to tour college campuses. At Washington University, between 600 and 1,000 prospective students are expected to visit the campus for April Welcome, a University-wide effort that offers admitted prospective students the opportunity to experience a typical day on campus. In the comments below, Chris Loving, associate director of residential life, advises students and parents to look beyond academics when touring a campus. Loving, who oversees Washington's highly regarded training program for resident advisers (RAs), says prospective students should look for schools that have strong programs both outside and inside the classroom. Loving regularly speaks to colleges on how to implement student development programs.

While academic quality is an important guide to keep in mind when exploring universities, there are other factors parents and students should consider when choosing a school, says Loving. He offers these tips on how to look beyond the academic scene when visiting a college campus.

- **Look for diversity.** "It can really enhance a student's college experience," says Loving. In particular, he suggests looking for schools where the staff and student populations are ethnically, spiritually and geographically diverse. Also try to find out if the various student groups mix well.

- **Look for a school that is concerned with developing the total student.** Focusing too heavily on one area, such as athletics, may short-change the student's college experience, he warns. Instead, Loving advises choosing a school that supports a range of activities: academics, athletics, extracurricular activities and political groups, for example. Also, look for programs aimed at personal development, such as raising self-awareness and increasing self-esteem. "The key is getting a total education," he says.

- **Research the role of the RAs.** Most students will live in a residence hall. The RA is often the first person a student turns to in a crisis, so look for schools where RAs are well trained and serve as advisers, not authority figures.

- **Look for smaller classes.** The transition from high school to college will be much easier for students if the class size is smaller, says Loving. "Students really crave relationships with faculty and administrators as well as students. Smaller classes make that possible," he says. "Student-faculty interaction beyond the classroom can be extremely beneficial to a student's learning experience."

- **Look for schools that support a range of social activities.** Social traditions play a big role in a college student's life. Look for schools that encourage activities where students have fun without drinking or drugs. Whether or not you're interested in going Greek, don't pick a school where most of the student body is in a fraternity or sorority. "You can get a narrow college experience if insufficient weight is given to experiences other than Greek life," says Loving. "You need a balance."

For The Record

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

Of note

Thalachallour Mohanakumar, Ph.D., professor of surgery and of pathology in medicine, received a \$260,118 grant from the National Institute of Allergy and Infectious Diseases for a research project titled "Endothelial-Monocyte Antigens in Human Transplantation." ...

Guido Weiss, Ph.D., Elinor Anheuser Professor of Mathematics, will be the guest of honor during a mathematical conference to be held May 10-14 at the Universidad Autónoma de Madrid, where he is a visiting professor this semester. The conference on harmonic analysis will unite mathematicians from Europe, as well as North and South America. Many of the participants will be Weiss' former students and collaborators.

Speaking of

Barbara Abraham-Shrauner, Ph.D., professor of electrical engineering, presented a seminar titled "Models for Plasma Etching" at the University of Wisconsin-Madison's Engineering Research Center for Plasma-aided Manufacturing. ...

Garland E. Allen, Ph.D., professor of biology, was the speaker during Kansas Wesleyan University's convocation held in Salina, Kan. His speech was titled "The NIH's (National Institutes of Health) Violence Initiative and Modern Theories of Biological Determinism." ...

Barry Ames, Ph.D., professor of political science, is scheduled to speak on "The Reverse Coattails Effect: Local Party Organization in the 1989 Brazilian Presidential Election" during the Midwest Political Science Association's convention to be held April 14-18 in Chicago, Ill. ...

Peter Blake, affiliate professor of architecture, is scheduled to deliver the inaugural lecture of the Clarence and Margaret Kivett Lecture on Architecture at the Nelson-Atkins Museum of Art in Kansas City, Mo. The title of Blake's talk is "The Future Is Not What It Used to Be." ...

John R. Bleeker, Ph.D., associate professor of chemistry, presented a seminar titled "Metallabenzene Chemistry" at Knox College in Galesburg, Ill. The Pew Charitable Trusts sponsored the seminar. ...

Jack Knight, Ph.D., and **Andrew C. Sobel, Ph.D.**, both assistant professors of political science, delivered presentations during the Public Choice Society's annual meetings held in New Orleans, La. Knight spoke on "Aggregation and Deliberation: On the Possibility of Democratic Legitimacy" and "Law, Democracy and the Strategic Behavior of Courts." Sobel's talk was titled "The Emergence of Collective Behavior From Individual Actions: The Micro Foundations of Leadership in the International Political Economy and Securities Markets." ...

Karen L. Tokarz, LL.M., professor of law and director of clinical education, spoke at a conference for women in upper management held at McDonnell Douglas. The conference was titled "Impacting Public Policy From Inside the Corporation."

On assignment

Karen V. Abdelhamid, division administrator in lipid research and applied physiology, was elected president of the Clinic Managers Association of Metropolitan St. Louis. She was elected to a one-year term. ...

Jack Hartstein, M.D., professor of clinical ophthalmology, was elected chairman of the American Society of Contemporary Ophthalmology. In June he will direct the group's 28th annual meeting to be held in Chicago. ...

Stephen H. Legomsky, J.D., D.Phil., professor of law, recently traveled to Russia, where he spent 10 days under the auspices of the International Organization for Migration. After a stopover in Geneva for diplomatic briefings, Legomsky traveled to Moscow to advise Russian

leaders on adopting immigration policies. At the request of the Russian government, he has begun drafting proposed legislation.

To press

Jim S. Alexopoulos, data technician in earth and planetary sciences, published a paper with **William B. McKinnon, Ph.D.**, associate professor in the same department. The paper, titled "Multi-ringed Impact Craters on Venus: An Overview From Arecibo and Venera Images and Initial Magellan Data," was published in the *Icarus* journal. ...

Louis P. Dehner, M.D., professor of pathology and of pediatrics, co-authored a book titled *Pediatric Pathology*. J.B. Lippincott Co. of Philadelphia published the work.

Guidelines for submitting copy:

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

New general counsel assumes post in June

Michael R. Cannon, J.D., a partner in a Washington, D.C., law firm and a former federal prosecutor, has been named vice chancellor and general counsel of Washington University. He will assume his post in June 1993.

As general counsel, Cannon will be the institution's chief legal officer and will be responsible for legal advice and representation arising from the University's activities on the Hilltop and Medical campuses, for directing the activities of the professional and support staff in the Office of the General Counsel, and for the selection and direction of outside legal counsel.

Cannon is a partner in Wiley, Rein & Fielding of Washington, D.C., where he has a general commercial law counseling and litigation practice, with an emphasis on insurance matters. Previously Cannon was a

partner in Piper & Marbury, an associate with Wald, Harkrader & Ross, both located in Washington, D.C.; and a trial attorney with the U.S. Department of Justice's criminal division in the public integrity section. While in the government, Cannon conducted investigations and prosecutions of public official corruption cases.

Chancellor William H. Danforth said, "Michael Cannon brings broad experience and demonstrated management ability, as well as unquestioned integrity and commitment to higher education to the position of general counsel. These attributes combine to make him a valuable member of the Washington University management team."

Cannon, who was born in Peoria, Ill., received a bachelor's degree in economics from the University in 1973, a bachelor's degree in politics in 1975 from Oxford University, where he was a Rhodes Scholar, and a law degree in 1978 from Yale Law School. He is a member of numerous professional organizations, including the National Association of College and University Attorneys and the American Bar Association. He has written and lectured on topics related to insurance and hazardous substances.

John Schnase named director of technology group

John L. Schnase, Ph.D., has been appointed director of the Advanced Technology Group within the Washington University School of Medicine's Library and Biomedical Communications Center, according to Mark E. Frisse, M.D., associate dean for academic information management and director of the School of Medicine's Library and Biomedical Communications Center.

The Advanced Technology Group is a newly formed research organization dedicated to the development of electronic libraries and other computer technologies that advance biomedical communication. The National Science Foundation, telecommunications companies and other external sources fund the group.

As director, Schnase works closely with staff from the Institute for Biomedical Computing, a joint department of the medical and engineering schools. A native of Hastings, Neb., he comes to the University from CRSS Architects Inc. in Houston, Texas, where he was executive vice president and director of the Center for Design Innovation.

Schnase's career also includes working as a visiting assistant professor and lecturer in



John L. Schnase

the Department of Computer Science at Texas A&M University, as well as serving as an instructor at Angelo State University in Texas. His research interests focus on information system technologies, hypermedia, computer-supported collaborative work environments and the modeling of biological systems.

Schnase received a bachelor's degree in biology and chemistry in 1981, a master's degree in the same fields in 1984, and a bachelor's degree in computer science in 1986, all from Angelo State University. He received a doctorate in computer science from Texas A&M University in 1992. He additionally has completed three years of graduate work in medicine and pharmacology at the Baylor College of Medicine.

Campus Authors

The following is a recent release available at the Campus Bookstore in Mallinckrodt Center on the Hilltop Campus or at the Washington University Medical Bookstore in the Olin Residence Hall. For more information, call 935-5500 (Hilltop Campus) or 362-3240 (Medical School).

Paragons of the Ordinary: The Biographical Literature of Mori Ōgai is the title of a new book by **Marvin H. Marcus, Ph.D.**, associate professor of Asian and Near Eastern languages and literatures. The book examines a series of biographies of obscure scholar-literati written by Mori Ōgai, one of Japan's most prominent writers and intellectuals. Deeply concerned about the cultural toll taken by Japan's headlong modernization early in this century, Ōgai employed the format of newspaper serialization in presenting meticulously researched accounts of individuals who had come to embody exemplary traits and traditional virtues. His unique project, undertaken over the period 1916-1921, resulted in nine interconnected works. In exploring Ōgai's biographical project, Marcus' aim is to convey a sense of its unique power and authority and to show how this power derives from Ōgai's deft use of anecdotal episodes to highlight the exemplary character of his subject. (SHAPS Library of Asian Studies, University of Hawaii Press, Honolulu)

Opportunities & personnel news

Hilltop Campus

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

Library Assistant

930157. *School of Business*. Requirements: Two years of college, bachelor's degree preferred; attention to detail; ability to interact well with library users; ability to explain and interpret library policies; ability to work independently with minimal supervision; typing 35 wpm with accuracy. Clerical tests and three letters of recommendation required.

Benefits Accounting Clerk III

930158. *Accounting Services*. Requirements: High school graduate; one year benefits accounting experience; six semester hours of accounting and at least six semester hours of additional accounting and/or business-related courses or three years experience equivalent to an Accounting Clerk II at Washington University, plus three semester hours of accounting, with payroll experience; typing 35 wpm with accuracy. Clerical tests and three letters of recommendation required.

Coordinator

930162. *Alumni and Development Programs*. Requirements: Bachelor's degree; excellent oral communications and interpersonal skills; self-motivated with attention to detail; ability to pleasantly overcome objections and be effectively persuasive with prospects; able to work effectively with volunteers, donors and prospects, and University staff; able to deal with multiple priorities with minimal supervision; knowledge of University systems and personnel helpful; minimum of five years experience in university or high-level service, industry or business setting; familiarity with word processing techniques; ability to analyze, condense confidential information on major prospects and provide concise documentation; typing 50 wpm preferred. Clerical tests and three letters of recommendation required.

Editorial Assistant

930164. *Anthropology*. Requirements: Bachelor's degree, preferably in anthropology or with courses in anthropology; editorial and office-management experience essential. The editorial assistant also should be computer literate enough to use Windows software — like word processing and spread sheets — fluently. The editorial assistant should be familiar with facsimile machines and photocopiers; typing with accuracy required. Clerical tests and three letters of recommendation required.

Department Secretary

930172. *Alumni and Development*. Requirements: Associate's degree or equivalent knowledge; specialized secretarial and business training; must be detail-oriented; three years general office experience; good command of English; must be alert and well-spoken; able to deal with multiple priorities; must be mature, well groomed, and have a pleasant personality; able to work well with and relate easily to people; sensitive to the needs and mission of Washington University and higher education; understand the importance of alumni and friends to the health of higher education; knowledge of medical school helpful; willingness to learn; typing 50 wpm with accuracy. Clerical tests and three letters of recommendation required.

Research Technician

930173. *Biology*. Requirements: Bachelor's degree in biological sciences.

The successful candidate will be responsible for conducting research at the bench. In addition, he or she will be entrusted with note keeping and maintenance of lab records and strain collections. Candidate must be conscientious, meticulous and careful. Resume and three letters of recommendation required.

Receptionist

930174. *Health Service*. Requirements: High school graduate; cooperative attitude essential; must be dependable, conscientious, cheerful, pleasant and eager to assist students on first encounter with Health Service; some knowledge of medical terms helpful; typing 30 wpm with accuracy. Clerical tests and three letters of recommendation required.

Lab Aide - Part-time

930175. *Biology*. Requirements: High school graduate; safe handling of biohazardous waste. Duties: glassware pickup and processing; housekeeping; media; run errands. Application and three letters of recommendation required.

Lab Aide Clerk - Part-time

930176. *Biology*. Requirements: High school graduate; general familiarity with computer terminals useful, but will train; capable of lifting 50 lbs. (animal food, mail bags); valid driver's license and clean driving record; good clerical and communication skills; some facility with numbers; must be absolutely, positively reliable; flexible enough to work varied duties; trustworthy so as to work occasionally without direct supervision. Clerical tests and three letters of recommendation required.

Department Secretary

930177. *Alumni and Development*. Requirements: Three years general office experience; typing 50 wpm with accuracy; word processing experience; ability to deal with multiple priorities; specialized secretarial and business training; ability to work well with people; must be mature and pleasant. Clerical tests and three letters of recommendation required.

Student Records Clerk

930179. *University Registrar's Office*. Requirements: Some college, bachelor's degree preferred. Prior experience with computers and/or automated systems; ability to work well in public service position. Clerical tests and three letters of recommendation required.

Department Secretary

930180. *Special Development Programs*. Requirements: Some college or other research-related experience; strong capacity to use on-line data bases and library-related sources of information; typing 50 wpm with accuracy; proof-reading skills; capacity to conduct and keep track of several jobs at once; a flair for detail; good oral and written English skills; professional telephone skills. Clerical tests and three letters of recommendation required.

Materials Distribution Assistant

930182. *Facilities Planning and Management*. Requirements: High school graduate; some college or technical school preferred; retail or wholesale inventory experience desirable; must have chauffeur's license; mechanical aptitude and knowledge of electrical, plumbing, HVAC and hardware desirable; computer and/or PC experience desirable; dependable, honest and reliable; good health; must be able to lift objects up to 50 lbs.; good communication skills; able to use two-way radio and telephone. Application and three letters of recommendation required.

Medical Campus

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

Medical Transcriptionist

930552-R. *Psychiatry*. Requirements: High school graduate/equivalent; some business or technical knowledge preferred; experience with WordPerfect; typing 70 wpm; knowledge of medical terminology.

Medical Secretary I

930573-R. *Otolaryngology*. Schedule: Part-time, 22.5 hours a week — usually Tuesdays, Wednesdays and Thursdays, with up to five days as a float. Requirements: High school graduate/equivalent; prior experience in a medical setting dealing with the public; good communication and telephone skills; experience with WordPerfect; typing 60 wpm; knowledge of medical terminology and medical transcription.

Data Assistant

930641-R. *Allergy and Immunology*. Schedule: Part-time, 15 hours a week — 6:30-9:30 p.m., some weekends. Require-

ments: Minimum of two years college-related coursework with three to five years experience, or bachelor's degree with one to three years experience; experience in telephone interviewing and interacting with participants in clinical studies on allergies.

Laboratory Technician Research

930667-R. *Psychiatry*. Requirements: One year of college, bachelor's degree preferred. Prefer individual with experience working with small animals; must be able to pipet by hand; undergraduate science students seeking experience will be considered.

Medical Research Technician

930687-R. *Neurology*. Requirements: Bachelor's degree with some lab experience; cell culture — sterile techniques and pipette use helpful; will be helping with experiments involving murine experimental autoimmune encephalomyelitis, which involves many techniques.

Medical Research Technologist

930693-R. *Neurology*. Requirements: Bachelor's degree; should have training and/or experience in a medical research lab; must show initiative and have judgment to make mature decisions; must be able to work with limited supervision.

Postdoctoral Fellow Trainee

930701-R. *Center for Behavior Research*. Requirements: Must have Ph.D. or M.D. and have U.S. citizenship; will include research in diabetes, exercise physiology and metabolism, smoking, gender differences, aging and psychological and biological development.

Goodwill pervades entire program — from page 1

can always tell when the work isn't fully honest, she said. And if some students can't find any experience or emotion to



Shelley Winters

correspond, then they will just select a different play.

The first teacher to arrive was Ernie Martin, head of the Actors Studio West program based in Los Angeles. He also has his own Los Angeles-based studio and is the husband of television actress Ann Wedgeworth. Martin was at Washington University teaching from Feb. 15 through March 5.

In one class, Martin had the students read dialogues from previously chosen scripts. They worked in pairs in front of the class doing what he called repetition exercises. This involved going back over a section of the script trying out different emotional tones and actions.

"You are all very talented people," he told the students. "Don't let the script control you. Say something, then look for (your partner's) reaction, it may change your next choice. Play opposite each other, bounce off each other."

Martin was so impressed with the

program that he is coming back to visit next week and is bringing his wife and daughter with him. They plan to visit the campus and to meet socially with many of the students in the class.

"This was the best three weeks I have had in a long time," said Martin of his visit. "Not only did you have talented kids, but a wonderful feeling of passion and of wanting to learn the work. Everyone came to class with their ears open. It was a beautiful, beautiful experience."

"Ernie Martin did a great job of motivating everyone," said senior Mike Jordon. "My work felt right, it felt natural and it felt real, whereas before I was just acting."

"The biggest thing for me so far has been the ensemble atmosphere," said Jordon. "When class began I knew one person in it, now it's like a support group. I can totally trust my fellow actors."

Goodwill pervades the entire program. "I left with the best feeling," said Colyer of his experience here. "I got every one of the students to bring relaxation and concentration to the creation of a human character within the playwright's text. I certainly hope Henry will invite me again. It's a very healthy and exciting department."

Winters, a St. Louis native, canceled a scheduled appearance at the Academy Awards to teach at Washington University.

The affiliation with the Actors Studio was made possible because of A.E. Hotchner, a Washington University alumnus who is a close friend and business associate of Paul Newman. Through the twosome's connections with the studio and their enthusiasm for the Washington University project, the idea of an Actors Studio affiliation grew from a dream to a reality.

Washington University "will be the top drama department around because you will have the type of work everyone else wants to have," predicts Martin. "By being affiliated with Actors Studio, Henry Schvey has brought the outside world of professional acting to the University. With Henry's vision, this program will definitely surpass that of Yale's."

— Debby Aronson