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'Son of Heaven'

Thorp co-curates major Chinese art exhibit slated for U.S. in '87

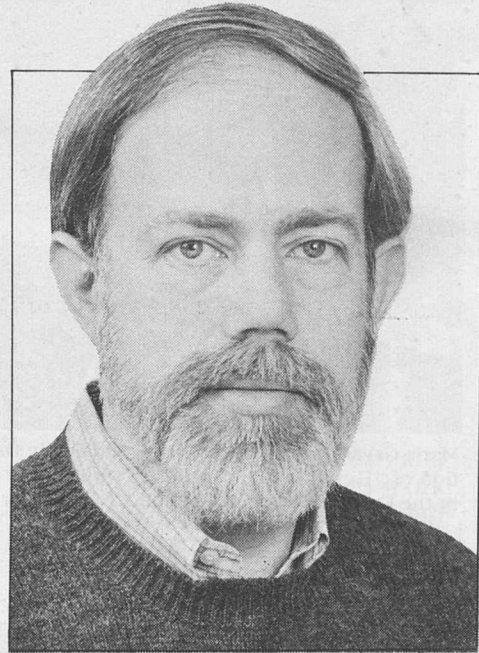
Robert L. Thorp, Ph.D., assistant professor of art and archaeology, is co-curating the third major Chinese art exhibit to travel to the United States since relations resumed between the two nations in the 1970s.

Working with Yang Xiaoneng, the chief Chinese curator, Thorp is the chief American curator of "Son of Heaven: Imperial Arts of China." The exhibit will open in fall 1987 and travel for a year to four American cities to be selected from the Northwest, South, Midwest and East.

In a unique arrangement, Thorp and Yang are working together to select objects, write the catalog and design the exhibit. "In the past, China has sent their own packaged exhibit," Thorp said. "This has been a joint venture from the beginning. That is the satisfaction for me."

China reopened connections with the United States in 1971. The first Chinese exhibit to come to the United States since 1949 was "The Chinese Exhibition," which opened in Europe in 1972 and arrived in the United States in 1975. The second exhibit, "Great Bronze Age of China," opened in Japan in 1976 and, supplemented by the Metropolitan Museum of Art in New York, came to the United States in 1980.

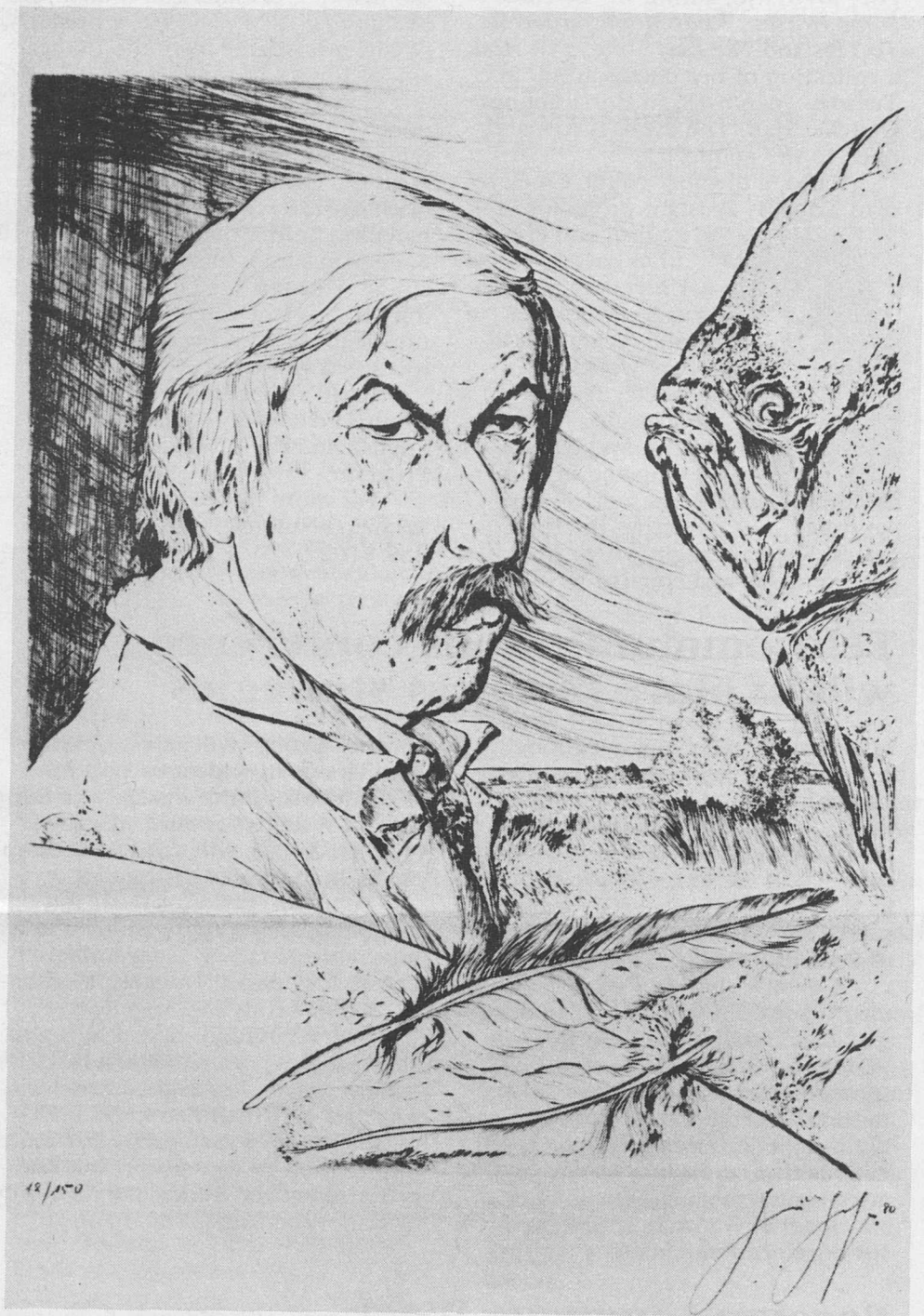
"Son of Heaven" will include mortuary art (such as tomb figurines), furniture, costumes, sculpture, paintings, ceramics, lacquerware, bronze vessels, jades, and horses and warriors from the tomb of the First Emperor.



Robert L. Thorp

Thorp joined WU's art and archaeology department in 1984. He previously was assistant professor of art and archaeology at Princeton University from 1979 to 1984. He earned a bachelor's degree in art history from Columbia University in 1968, a master's degree in East Asian studies from the University of Kansas in 1975 and a doctorate in art history from the University of Kansas in 1979.

He is co-author of the book *Spirit and Ritual: The Morse Collection of Ancient Chinese Art*, 1982.



Guenter Grass' 1980 etching, "The Self-Portrait with Flounder and Feather."

Author/artist

Multifaceted Guenter Grass exhibits illustrative prints at Gallery of Art

The prints of Guenter Grass, author of the award-winning novel, *The Tin Drum*, will be exhibited March 16 to April 27 at the Gallery of Art in Steinberg Hall.

Grass writes novels, poems, essays, plays and screenplays and frequently illustrates his texts.

Asked whether he is an author or artist, Grass replies, "Because my writing is a continuation of my drawing, and syntax and epic sentences grow out of graphic structure, the question . . . never bothered me."

Reviewing a New York exhibit of his drawings and lithographs in 1983, *The New York Times* art critic John Russel wrote: ". . . in his graphic work he operates primarily as poet, storyteller and fabulist. In those capacities he sees drawing and writing as first cousins, if not as brother and sister.

"The written line and the drawn line continually cross the tracks, that is to say, that might seem to separate

the one from the other. When a sentence has trouble finding its definitive shape, a few minutes' drawing brings about a mysterious tautening."

In 1977, Hilton Kramer, who was then *The New York Times*' art critic, wrote: "In his etchings, Mr. Grass is an artist very much in this German graphic tradition, and like many of his gifted countrymen who have worked in this medium, he is at his best in combining a tough-minded

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Grass' lectures cancelled

German author and artist Guenter Grass, scheduled to lecture March 16 and 17 at WU, has cancelled his appearance due to ill health. There will be no Assembly Series lecture at 11 a.m. Monday, March 17, and Grass will not give a gallery talk at the March 16 opening of an exhibit of his works.

St. Louis mayor will headline Foreign Language Week events

St. Louis Mayor Vincent C. Schoemehl Jr. will deliver the keynote address for Foreign Language Week at WU, March 17-22. Schoemehl will speak on "St. Louis, Foreign Languages and an International Future" at 11 a.m. Wednesday, March 19, in Graham Chapel.

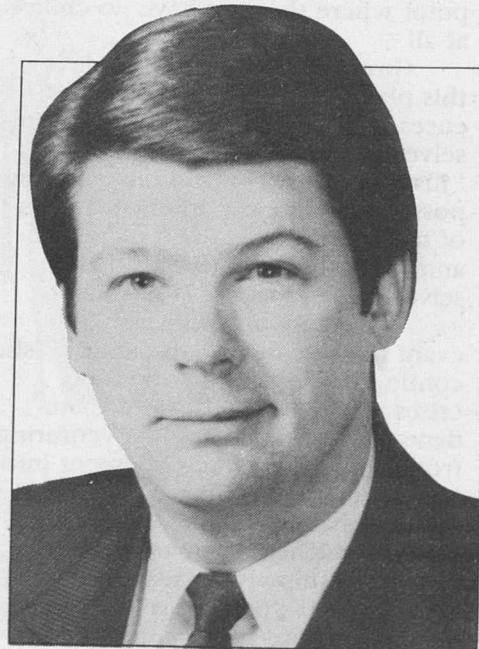
Foreign Language Week features films, plays, lectures and a panel exploring career options for foreign language majors. During the week, more than 1,000 high school students from the metropolitan area will visit the WU campus to participate.

Elected mayor in 1981, Schoemehl, then 35, was the second youngest mayor in St. Louis history. In 1985, he was re-elected to a second four-year term. Before serving as mayor, Schoemehl was alderman from the 28th Ward for six years.

A graduate of the University of Missouri-St. Louis, Schoemehl has lived in the city's West End for the past 11 years. His accomplishments as mayor include Operation Brightside, a city clean-up program that has since been started in 16 other cities;

the elimination of the city's budget deficit; and success in garnering

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Vincent C. Schoemehl Jr.



Maria Cavallini (left) plays Dicky, and Shelly Darrell plays Lily in the Performing Arts Area production of "Hired Hands." The play, which takes place in a factory lunchroom, will run March 21-23 in the Drama Studio, 208 Mallinckrodt Center.

'Hired Hands'

Performing Arts presents premiere of play by alumna

The Performing Arts Area will present "Hired Hands," written by WU alumna Diana Marre, at 8 p.m. March 21-23, and at 2 p.m. March 23 in the Drama Studio, 208 Mallinckrodt Center. The play is directed by WU drama major Susan Girard as her senior project.

"Hired Hands" tells the story of a young woman's homecoming after college. Lily returns to the small, Southern factory town where she was raised, bringing a college degree and romantic illusions about sharing the benefits of education with the entire, uncultured town.

Instead, she is forced to take a job in the town factory, where she becomes friendly with Dicky, a woman who has worked in the factory all her life. As Lily observes and participates in the worker's lifestyle, she begins to question the value of her education and her sheltered upbringing. Her attempt to choose between the two lifestyles puts her on a collision course, until she is forced to the point where she may have no choice at all.

Girard says she chose to direct this play because she believes audiences will be able to recognize themselves in the two main characters. "Just as both Dicky and Lily see new possibilities in each other, members of the audience may also recognize and learn something about themselves as they watch 'Hired Hands.'"

"This play is particularly relevant to the college community," she continues. "Lily's questions and crises are similar to those WU students may encounter when venturing from this sheltered environment into uncertainty."

Members of the technical staff are Halle Eichen, stage manager; Sharon Fischlowitz, assistant stage manager; Jeff Rodman, set designer; Michael Cohen, lighting designer; Jennie Sniderman, costumes; and

Danny Katz, technical director. Music major Jill Rossinow is composing original music.

Marre, the playwright, is a graduate of WU. She is now a doctoral candidate in drama at the University of California-Berkeley. The play's premiere will be produced with monies from the A.E. Hotchner play production fund. The Hotchner fund at WU was established with a \$25,000 grant from writer A.E. Hotchner and actor Paul Newman, partners in Newman's food condiment business.

Tickets are \$3 for the general public, \$2 for students. For more information, call 889-5885.

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Creek Indian poet to read her work

Poet Joy Harjo, author of *She Had Some Horses*, *What Moon Drove Me To This* and *The Last Song*, will read a collection of her poems at 3 p.m. Tuesday, March 18, in Hurst Lounge, Duncker Hall. The event is free and open to the public.

Harjo, a member of the Creek Indian Tribe, is assistant professor of



Joy Harjo English and creative writing at the University of Colorado in Boulder. She recently read her works at a poetry festival in Managua, Nicaragua, and has participated in numerous workshops across the United States. She has taught native American literature and creative writing at

the Institute of American Indian Arts in Santa Fe, N.M., and has a master's of fine arts degree from the University of Iowa's writing program.

Commenting on Harjo's book of poetry titled *She Had Some Horses*, feminist writer Meridel Le Sueur writes, "This is not a book. It is an opening into woman light, into hatching, into awakening. The ruined & dismembered, imprisoned, dispossessed, ride out on a bright thundering of horses in a light of illumination & love. Who touches this book touches a woman. . . ."

Harjo's appearance at WU is sponsored by the Department of English and the Women's Studies Program.

For more information, call the Women's Studies Program at 889-5102.

Telecommunications conference will explore business strategies

Advances in telecommunications technology to increase market share and reduce costs will be the theme of the Telecommunications and Business Strategy Conference, Wednesday, March 12, at the Chase-Park Plaza Hotel. The one-day seminar is presented by WU's Center for the Study of Data Processing (CSDP).

Keynote speaker Peter Keen, chairman of Information Technology Inc. and author of *Business Without Bounds: Telecommunications and Business Strategy*, will outline a business framework for choosing telecommunications applications that result in strategic corporate advantage.

Joaquin Gonzales, program director of telecommunications for the

Gartner Group, will assess developing markets in wide-area systems. Rod Nichols, senior manager of information systems for Peat, Marwick, Mitchell & Co., will analyze developments in local area systems.

Panel discussions on current telecommunications applications will feature representatives from Anheuser-Busch, McDonnell Douglas, Monsanto, Mallinckrodt and Angelica.

The conference begins at 8 a.m. and includes continental breakfast as well as lunch. The registration fee is \$145 for CSDP affiliates and IEEE members; \$195 for others. For more information or to register, call Kathryn Atnip at the Center for the Study of Data Processing, 889-5330.

Foreign Language Week—continued from p. 1

urban development grants for the city of St. Louis.

Each day, the celebration focuses on different languages and cultures. Monday, March 17, is German Day; Tuesday, March 18, is French Day; Wednesday, March 19, is Russian, Chinese and Japanese Day; Thursday, March 20, is Classics and Italian Day; and Friday, March 21, is Spanish Day. The final day, Saturday, March 22, features two plays, one in German and one in Spanish.

Foreign Language Week

Monday, March 17 (German Day)

10:45 a.m. German Play, "Die Kleinburger Hochzeit." Moot Courtroom, Mudd Hall.

7 p.m. German Film, "The Tin Drum." 210 Ridgley.

Tuesday, March 18 (French Day)

1 and 7:30 p.m. French Play, "Le Barbier de Seville." Women's Bldg. Lounge.

4 p.m. Spanish Film, "Carmen." (In Spanish, with subtitles.) 210 Ridgley.

Wednesday, March 19 (Russian, Chinese and Japanese Day)

11 a.m. Keynote Address by St. Louis Mayor Vincent C. Schoemehl Jr. Graham Chapel.

2 p.m. Career Panel Discussion. Lambert Lounge, Mallinckrodt Center.

7 p.m. Russian Film, "The Youth of Peter the Great, Part 2." Audio Visual Room, Olin Library.

7 p.m. Chinese and Japanese Films, "One Big Family" and "Full Moon Lunch." 215 Rebstock.

7 p.m. French Film, "Ascenseur pour l'échafaud." 210 Ridgley.

Thursday, March 20 (Classics and Italian Day)

9:30 a.m. Lecture, "Sententiae and Roman History." Kevin Herbert, WU prof. of classics, and Cyrus St. Clair, Latin teacher in the Parkway School District. Graham Chapel.

10:30 a.m. Lecture, "Manners in Renaissance Italy." Michael Sherberg, WU asst. prof. of Italian. Graham Chapel.

8 p.m. Italian Film, "Open City." 210 Ridgley.

Friday, March 21 (Spanish Day)

11 a.m. Spanish Play, "La casa de Bernarda Alba." Graham Chapel.

Saturday, March 22

8 p.m. German Play, "Die Kleinburger Hochzeit." Steinberg Aud.

8 p.m. Spanish Play, "La casa de Bernarda Alba." Graham Chapel.

Foreign Language Week sponsors are Student Union Speaker's Programming Board, Assembly Series, Office of Admissions, Office of Student Activities and Faculty of Arts and Sciences.

Student plans international art show

This article is part of a continuing monthly series profiling WU students.

While other St. Louis civic and business leaders sought trade agreements on a recent trip to the Orient, Scott Brandt was "scouting out museums."

The School of Fine Arts graduate student was part of a team led by St. Louis Mayor Vincent C. Schoemehl Jr. on a two-week visit in November 1985 to two of St. Louis' five sister cities, Suwa, Japan, and Nanking, China. The group of more than a dozen included Brandt's parents, Charles and Joyce Brandt; and Stanley Spector, Ph.D., WU professor of Chinese studies.

The purpose of the tour was to develop social, economic and cultural ties between St. Louis and its Oriental sister cities. Focusing on the cultural aspect while others explored widget factories, Brandt was researching what he hopes will be a cooperative art exhibit between St. Louis and Suwa. As president of the St. Louis Young Ambassadors, he also presented the mayors of Suwa and Nanking each with one of his serigraphs (original silkscreen color prints), which had been commissioned by his organization.

He has applied for a grant from the Regional Cultural and Performing Arts Development Commission to match funds raised by the Young Ambassadors for a St. Louis/Suwa exhibit. He plans to have a jury select 10 St. Louis artists through a competition limited to works on paper — printmaking, papermaking, watercolor and calligraphy, while a similar contest is conducted in Suwa. Eventually, 20 artists from the two cities will exhibit first in St. Louis, then in Suwa.

"I decided to work with Japan first," Brandt said, "because there's a lot of red tape in China. I also want contemporary work for this exhibit, and that is not to be found in China. They're still doing traditional scroll paintings."

Although Brandt, 26, made the trip as a representative of St. Louis artists and young people, he could almost as easily have traveled as a businessperson. He has worked as an interior designer in his family's firm, Jack Brandt Ltd.; HOK Inc., an architectural firm; and LVK Associates Inc., an interior architectural firm.

While pursuing his master of fine arts degree in printmaking and ce-



Scott Brandt, a master's degree candidate in the School of Fine Arts, traveled to the Orient last November to organize a joint art exhibit between St. Louis and Suwa, Japan. The artist is pictured standing among his hand-colored colographs in the Bixby Hall studio in which he works.

ramics, he handles free-lance assignments. In that capacity, he is working with a firm to design the interior of the Trader's Building in Laclede's Landing and is producing 160 prints for guest rooms in the Sheraton St. Louis Hotel across from Convention Plaza.

He was featured during the past month in a two-person exhibit at the Chicago Center for the Print Ltd., titled, "The Art of Silkscreen: Two Approaches."

Before working for HOK and LVK, Brandt studied architecture at Arizona State University in Tempe, Ariz., then transferred to Maryville

College in St. Louis to complete his bachelor of fine arts degree in interior design. He began his graduate studies at WU in September 1985.

Brandt is completing his second year as president of the St. Louis Young Ambassadors. In addition to his civic leadership, interior design, serigraphy and ceramics, he works in handmade paper, collage and other applied mixed media.

"I like to have an original idea and carry it out — whether it's politics or art," he said. Asked what he wants to do five years from now, he replied, "What time of day?"

Regina Engelken

Architecture lectures cover world views

The School of Architecture's Monday Night Lecture Series this semester features an international selection of architects from the United States, Mexico, Great Britain, Japan, India and Scotland. All lectures are at 8 p.m. in Steinberg Auditorium and are free and open to the public.

Upcoming lectures in the series are:

March 17 — "Making Places," by Peter Eisenman of Eisenman/Robertson, Architects, New York City. Eisenman is editor of *Oppositions* magazine and author of *House X*, published in 1983 by Rizzola Books. He is founder of the Institute of Architecture and Urban Studies.

March 24 — "Regionalism and the Concept of Identity," by William Curtis, visiting professor at WU. Curtis has taught the history of architecture and theories of design at numerous universities in England, Australia and the United States. His latest book is *Modern Architecture Since 1900*. In 1982, he received the Founder's Award of the American Society of Architectural Historians.

April 14 — "Recent Works," by Teodoro Gonzales De Leon. De Leon is a graduate of the National School of Architecture in Mexico City. He worked in the architecture studio of Le Corbusier in Paris in 1948-49.

April 21 — Colin Dollimore will deliver the Harris Armstrong Memori-

al Lecture. Dollimore is a visiting professor of architecture at the University. A graduate of London Polytechnic, Dollimore has been published in *Architectural Review*, *Architectural Design*, *Baumeister* and *Domus*, among others.

The first three lectures in the series were "The Essence of Tradition" by Ranjit Sabikhi, a visiting professor from New Delhi, India; "Charles Renni Mackintosh and the Pursuit of Perfection," by Anthony Jones of Glasgow, Scotland; and "Landscape in the Transitional Ages," by Yasumitsu Matsunaga, a visiting professor from Tokyo.

For more information, call 889-6200.

Minicourse based on 11th-century Japanese novel

The Asian Art Society of WU will present a minicourse on "The World of Genji" during three Wednesday sessions from 11 a.m. to 12:30 p.m. March 19 and 26 and April 2 in Room 200, Steinberg Hall.

The class is based on the Japanese novel *The Tale of Genji*, written by Murasaki Shikibu, a prominent Japanese court lady in the 11th century. Her novel focuses on the romantic and political relationships of Genji, a fictional prince in the Heian period (794-1185).

Karen L. Brock, Ph.D., adjunct assistant professor of art and archaeology at WU, will teach the course. Brock, a specialist in the arts of Japan and China, recently returned from Japan, where she viewed a rare exhibition of the illustrated Genji novel.

The course is \$35 for Asian Art Society members and \$45 for the general public. To register, send checks to "Genji Minicourse," 1116 Warson Woods Dr., St. Louis, Mo. 63122.

For more information, call the WU Department of Art and Archaeology at 889-5270.

Grass — continued from p. 1

realism with a taste for fantasy and the grotesque. He is both an observer and an inventor, and instantly establishes a realm of the imagination that we recognize as his own."

Grass has had a multifaceted career. First trained as a stone mason and sculptor, the author/artist then worked as a farm laborer in the Rhineland, was employed in a potash mine, chiseled tombstones for firms in Duesseldorf, and played drums and washboard in a jazz band. After World War II, he studied at the Duesseldorf Academy of Art and the Berlin Academy of Fine Arts, where he became an accomplished printmaker.

In 1956, he moved to Paris to begin work on his first novel, *The Tin Drum*, which was selected by a French jury in 1962 as the best foreign-language book of the year. The novel, which evokes the Nazi era, is regarded as the first major literary work to be published in post-war Germany.

The New York Times Book Review wrote: "With a single book, the lackluster reputation of contemporary German letters has improved everywhere. Not since the days of Thomas Mann has a German writer captured such an international audience."

Grass visited the United States in 1964 and 1965, giving lectures and readings at Harvard, Yale, Smith College and the Goethe House in New York City. He was writer-in-residence at Columbia University in 1966.

His exhibit at WU is co-sponsored by the Goethe Institute St. Louis and the German department. Originally scheduled to attend the opening and deliver an Assembly Series lecture at the University, Grass had to cancel his appearance because of ill health. He lives in West Berlin.

For more information on the exhibit, call 889-4523.

MEDICAL RECORD

Children of alcoholics:

Childhood behavior problems may signal adult alcoholism

- Six-year-old Jeremy rarely sits still. He's bright, but his teacher complains that he doesn't finish his work, doesn't pay attention, and is easily distracted. His parents, called in for a conference, are surprised to learn that their little "live wire" is failing first grade.
- In the last two years, 13-year-old Jackie has become a discipline problem. At home, she disobeys her mother, neglecting her chores for hours of clamorous television or rock music. Her mother, a divorcee, wearily acknowledges that Jackie can be counted on to disagree with her, no matter what the subject.
- Billy, at 17, has already been branded one of life's losers. He skips school more often than he attends, spending the day smoking pot and partying with his friends. Many nights he simply doesn't come home; if his parents ask, he lies about where he's been. To support himself, he steals cash in small amounts, usually from his parents, but sometimes from other relatives or classmates.

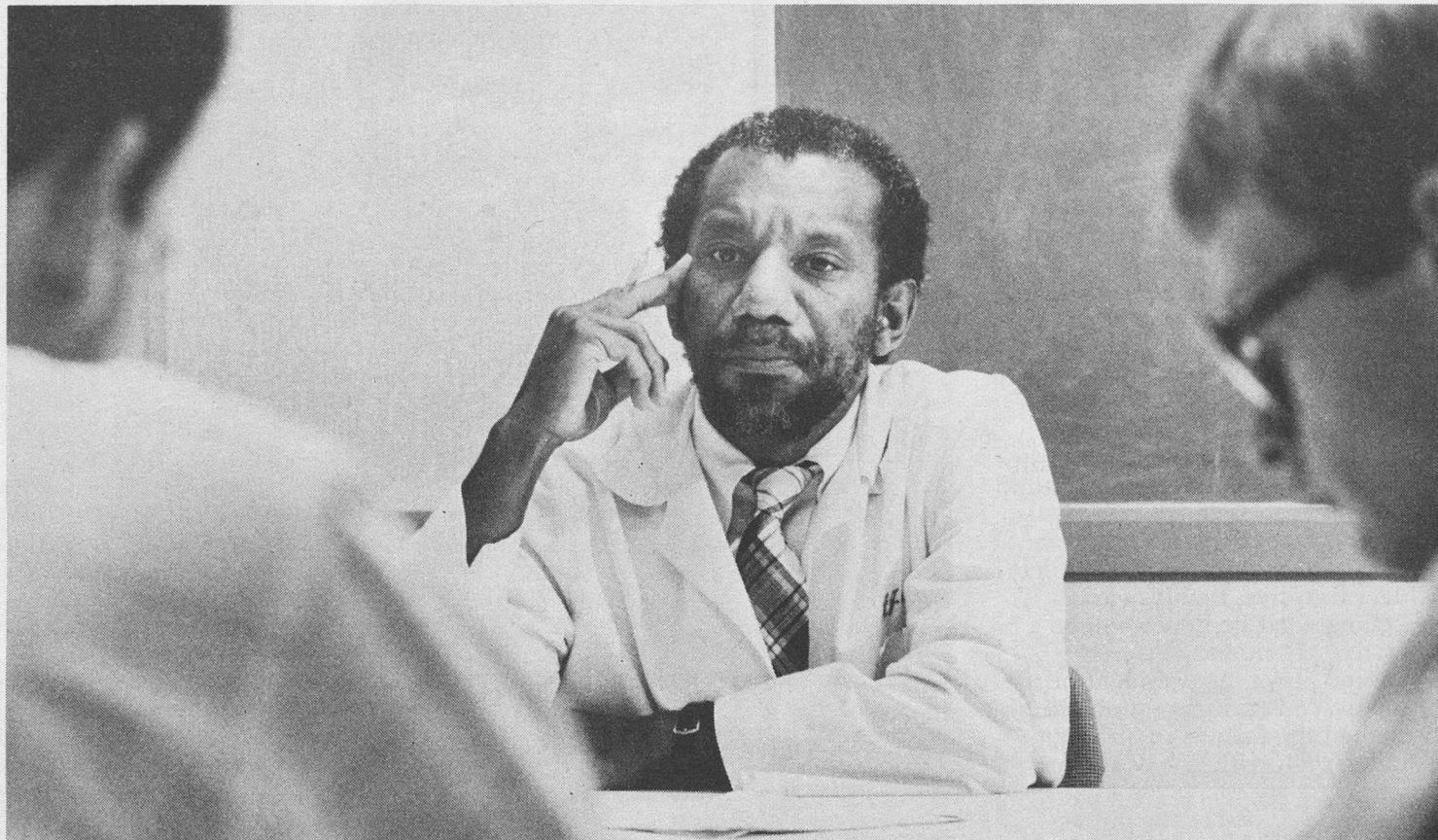
Jeremy, Jackie and Billy exhibit three fairly common childhood behavior disorders: attention deficit disorder, oppositional disorder and conduct disorder, respectively. They can happen in any family. But according to new research at WU, the rate of these behavioral disorders is three to four times higher in children who have an alcoholic parent than in kids whose parents are not alcoholics; the rate shoots up another 10-15 percent when both parents are alcoholics.

The study, presented last spring at the Medical-Scientific Conference of the National Alcoholism Forum, investigates the types and frequency of psychiatric disorders in children of alcoholic parents. The results corroborate a view that has long been a source of scientific dispute — that there is a direct link between childhood behavior problems and parental alcoholism. The findings take on a particularly chilling relevance, considering that the resurgence of scientific and public interest in alcoholism is due in large part to alcoholism's dubious standing as the most prevalent psychiatric disorder in adults — it accounts for 12 percent of the total diagnoses.

The WU report is the first from a far-reaching research project, and it lays the groundwork for an ambitious series of follow-up studies. Ultimately, the scientists hope to learn whether children of alcoholics are indeed at higher-than-normal risk for alcoholism, and if that commonly believed notion is true, whether the behavioral problems these children exhibit during childhood can help predict their potential for alcoholism.

"The level of psychiatric disorders in children increases as a function of a number of alcoholic parents," says Felton Earls, M.D., director of child psychiatry at the School of Medicine and the study's principal investigator. "The rates become even higher when one or both alcoholic parents also have antisocial personality disorder."

According to Earls, those findings hold true for the five most common disorders diagnosed in children: the behavior problems of attention-



Felton Earls, M.D., director of child psychiatry at the School of Medicine, is studying whether children of alcoholics are indeed at higher-than-normal risk for alcoholism, and whether the behavioral problems these children exhibit in childhood can help predict their potential for alcoholism.

deficit disorder with hyperactivity, oppositional disorder and conduct disorder, and the emotional problems of depression and anxiety.

"The overall prevalence of psychiatric disorders reaches a level of 80-87 percent in children of two alcoholic parents, and 90-100 percent when parents have alcoholism combined with antisocial personality disorder," he says. "That compares to 64 percent when there is one alcoholic parent, and 25 percent when neither parent is an alcoholic." Twenty-five percent is close to the rate that would be expected in a normal sample of the general population, Earls points out.

Results so far are based on in-depth interviews conducted with over 120 families, randomly selected from a pool of more than 500 families that participated in a family-genetics study of alcoholism from 1977-81 at the School of Medicine. The sample includes hospitalized alcoholics as well as two control groups, convicted felons with antisocial personality disorder and patients hospitalized for medical reasons.

Earls and his researchers began recontacting families from the original sample in 1982, talking separately with parents and with each child between the ages of 6 and 17. Interviewers did not know from which control group their adult subjects came, or which child belonged to which parent. Children and parents were interviewed simultaneously. Questionnaires for children paralleled those for parents.

The lengthy interview process allowed researchers to diagnose the children's psychiatric disorders and also to probe their everyday lives — relationships with parents, family members and peers, as well as home environment, school performance and involvement in activities.

"The interviews are exhaustive," Earls concedes. "We ask the children how they respond to their parents drinking, what they know about it,

what kinds of problems have occurred in terms of fighting and discipline. And we ask the parents the same questions about their children."

This is the first alcoholism study in which children are interviewed directly, Earls believes. The difference, he says, is crucial.

"You learn much more from talking to the kids directly than you do from talking only to the parents. You can't stop with just asking parents about their kids, because parents aren't aware of all the behavioral and emotional problems experienced by their children. You'd miss a lot," he says.

In this study, children generally agreed with their parents on the extent of behavior problems. However, they reported a much higher incidence of substance abuse, anxiety and depression than their parents detected. (Substance abuse refers primarily to marijuana and alcohol, while anxiety involves chronic worrying.) Depression was less a problem than anxiety in children of alcoholic parents, but the children still reported higher rates than their parents.

These results provide additional kindling for a long-burning controversy: whether childhood behavior problems can serve as an early warning of alcohol problems to come. Because alcoholism is known as a disorder that clusters in families, scientists are searching intensively for risk factors, Earls explains. In general, they agree that biological risk factors determine an individual's response to alcohol; at issue is the idea that behavior disorders provide important clues to finding those risk factors. The WU study may help resolve the debate.

"One of our short-term objectives is to learn if these behavioral problems can serve as a marker of sorts for alcoholism," Earls says. "We plan to follow these at-risk youths to see what proportion become alcoholics as adolescents and

young adults, and at what age.

"Another objective is to learn what accounts for the familial clustering of these behavioral disorders. Do they occur more often in families of alcoholics because of the genetic background, or is it due to a stressful home life, or perhaps even prenatal exposure to alcohol?"

To answer those questions, he plans to examine the current sample again, this time to see whether home environment influences the rate of behavioral disorders in children of alcoholics.

If the childhood behavior disorders prove to be valuable in predicting alcoholism, Earls' team will follow through on the long-term objective — to link those behavioral markers of alcoholism to biochemical markers.

"It may be that the kids that we see as having attentional problems, impulse problems and conduct disorders may also be the ones in whom we will find a biological marker for alcoholism. Perhaps we will be able to correlate, in childhood, behavior and the biochemical or neurophysiological processes of the brain," says the child psychiatrist.

But that will require several more years of research, Earls emphasizes.

"In the meantime, we have clearly demonstrated that specific problems occur in children of alcoholic and antisocial parents more often than in other children," Earls comments. "It seems most important that pediatricians, psychologists and others who provide evaluation and care for children should think more often about inquiring into the family history when confronted with a child with behavioral problems. The number of children of alcoholic parents with such problems is high enough to suspect that they account for a substantial proportion of all children with these problems."

Debra K. Bernardo

Computer system to aid hearing research

The McDonnell Douglas Corp. has donated a computer system to aid hearing research in the Department of Otolaryngology at WU School of Medicine.

The equipment, made by Data General Corp. is being given to the Cochlear Implant Program. It will be used in a clinical trial that will help answer the most important question in cochlear implant research today: what type of speech processing is most beneficial to a particular patient? The research will not only enhance service to deaf people who are not helped by conventional hearing aids, but will also provide information essential to the design of future implants.

School of Medicine investigators are conducting the clinical trial with researchers from the University of California-San Francisco, Duke University and Research Triangle Institute. At WU the study is headed by John M. Fredrickson, M.D., Lindburg Professor and head of the Department of Otolaryngology, and Margaret W. Skinner, Ph.D., director of audiological services and assistant professor of otolaryngology. They are collaborating with researchers at Storz Instrument Co. of St. Louis and at Central Institute for the Deaf at WU Medical Center.

Fredrickson initiated the School of Medicine's Cochlear Implant Program in 1984, and is conducting research as well on a middle ear implantable hearing aid. Skinner has worked since 1974 to help the hearing impaired by refining procedures for fitting laboratory and commercial hearing aids.

According to Skinner, the donated computer system will allow investigators their first opportunity to compare, in the same patient, processing of the seven cochlear implants approved by the FDA for clinical investigation. Currently, each of the

implants is evaluated for effectiveness, but in separate studies, using a cross-section of patients.

"All of the cochlear implants are designed to process sound and electrically stimulate nerve fibers in the inner ear," Skinner explains. "However, each of them uses a different sound processing scheme and pattern of electrical stimulation. It is important to compare the processing in the same person, because an individual's response to them is affected by a variety of factors, including the number and position of surviving nerve fibers in the cochlea, the presence of abnormal bone growth in the cochlea, language skills and motivation to communicate.

"Our goal is to develop processing schemes, some of which are not available today, that will help cue patients with poor nerve survival to recognize speech," Skinner says. "Although the processed speech will not sound like it does to people with normal hearing, it should greatly enhance communication."

With the computer system donated by McDonnell Douglas, researchers here can present many different processed sounds to electrodes in the inner ear of deaf patients. A number of adult patients will be implanted with the University of California/Storz cochlear device, and will be evaluated for a period of months. Investigators will measure patterns of electrical stimulation and the patient's neural response to the stimulation. They also will electrically stimulate the patient with speech processed a number of different ways, asking the patient to describe and identify the speech.

This research addresses the needs of approximately 200,000 people in the United States who are profoundly deaf and are not helped by a conventional hearing aid, Skinner says.

Raven to discuss 'Biology and the Human Prospect' at Schwartz lecture

Peter H. Raven, Ph.D., Engelmann Professor of Botany at WU and director of the Missouri Botanical (Shaw's) Garden, will deliver the second Henry G. Schwartz Lectureship on Tuesday, March 25 at the WU School of Medicine.

Raven will discuss, "Biology and the Human Prospect," beginning at 4 p.m. in Moore Auditorium at the School of Medicine.

Raven was named a 1985 MacArthur Fellow by the John D. and Catherine T. MacArthur Foundation of Chicago. The award provides a \$240,000 fellowship for five years of personal research.

He has been director of Shaw's Garden since 1971. Under his leadership, it has sponsored the largest private research effort in tropical plant biology in the world, and has gained a reputation as one of the pre-eminent botanical gardens in the country.

Raven is a member of the National Academy of Sciences, a fellow of the American Academy of Arts and

Sciences and a foreign member of the Royal Danish and Swedish Academies of Sciences. His specialties are plant classification and distribution. He has published eight books and over 300 scientific papers.

The lectureship was created in 1983 by former residents and colleagues to honor Henry G. Schwartz, M.D., August A. Busch Jr. professor of Neurological Surgery at the School of Medicine. Speakers for the Schwartz lectures represent various disciplines reflecting Schwartz's interests, among them education, human affairs, and neurological surgery and the neurosciences.

Schwartz is on staff at Barnes, Children's and Jewish hospitals, sponsoring institutions of the WU Medical Center. He has been on the faculty of WU School of Medicine since 1937, when he was named an instructor in neurological surgery. He served as professor and head of the department from 1946-74, and as acting head of surgery from 1965-67.

Neuroscientist receives grant to support studies of brain function

Thomas A. Woolsey, M.D., director of the James L. O'Leary Division of Experimental Neurology and Neurosurgery at WU School of Medicine has received a \$10,000 grant to help support his studies of brain function.

The award comes from the Illinois-Eastern Iowa District of Kiwanis International Spastic Paralysis Research Foundation.

Woolsey's work focuses on the organization, development and functional recovery of the brain, with emphasis on the long-term effects of stimulation and sensory deprivation upon the central nervous system. He will use the grant to fur-

ther explore basic mechanisms and phenomena that might contribute to the treatment of spastic paralysis (cerebral palsy) and related disorders.

Woolsey, who is the George H. and Ethel R. Bishop Scholar in Neuroscience in Neurology and Neurological Surgery, was named director of the O'Leary division in 1984. He is senior McDonnell neuroscientist, and a professor in three departments: neurology and neurosurgery, anatomy and neurobiology, and cell biology and physiology. He joined the faculty at WU in 1971, having received his medical degree in 1969 from Johns Hopkins University.

Swedish otolaryngologist chosen as first Sutter visiting professor

An expert on the influence of solvents on the vestibulo-oculomotor system delivered the first Richard A. and Betty H. Sutter Visiting Professorship in Occupational and Industrial Medicine, Feb. 24, at the WU School of Medicine.

Lars M. Odkvist, M.D., Ph.D., associate professor of otolaryngology at Linkoping University in Linkoping, Sweden spoke on the topic, "Vestibular and Oculomotor Disorders Caused by Industrial Solvents."

Odkvist is a founding member of the Swedish Vestibular Society and has delivered scientific talks about otolaryngology throughout the world. He has authored several publications that concern the central vestibular system, Menieres disease, the influence of solvents on the ventriculo-oculomotor system, respiratory problems in industry workers and facial palsy.

In addition to his faculty appointment at Linkoping University, Odkvist is a member of the otolaryngology department at University Hospital in Linkoping.

St. Louis physician Richard A. Sutter, M.D., and his wife Betty, established the visiting professorship

last year to expand the understanding and practice of occupational medicine which involves such aspects as environment of the workplace and its effect on employee health, preventive medicine, safety factors, and emergency and definitive surgical care and rehabilitation of the industrially ill and injured.

Sutter, who received the doctor of medicine degree in 1935 from WU, is founder of the Sutter Clinic, Inc., which, since 1946, has provided occupational medical service to more than 1500 companies in the St. Louis area. He was director of the clinic until 1984, when it was bought by Barnes Hospital, a sponsoring institution of the WU Medical Center.

Sutter continues to serve as a consultant at the clinic. He also is a lecturer in industrial medicine and rehabilitation in the Department of Preventive Medicine at WU and is on the clinical staffs of Barnes, Deaconess and Lutheran hospitals.

His wife Betty is an associate in the Sutter Clinic and former director of the executive committee of the St. Louis chapter of the American Cancer Society. She is a former St. Louis Globe-Democrat Woman of the Year.



Representatives from the McDonnell Douglas Corp. presented WU medical researchers with a computer system designed to aid hearing research. Standing from left are: Robert L. Harmon, corporate vice president for civic affairs at McDonnell Douglas; George F. Meister, senior vice president and general manager of McDonnell Douglas Manufacturing Industry Systems Co.; and Roger Baldrige, business operations manager of McDonnell Douglas Manufacturing Industry Systems Co.; and John M. Fredrickson, M.D., head of the WU Department of Otolaryngology. Seated from left are: Timothy Holden, WU biomedical engineer; and Margo Skinner, Ph.D., director of audiological services and assistant professor of otolaryngology at the School of Medicine.

MEDICAL RECORD

Bill Midkiff retires as business manager of medical school

Bill Midkiff remembers his first day of employment with WU as "the day after the great cashier's robbery on the Hilltop campus."

It was quite a lot of commotion for the new internal auditor to experience on his first day, but that did not deter Midkiff who retired Feb. 28 after 24 years with WU.

He spent two years at the Hilltop campus and then joined the School of Medicine as its first business manager in 1964. For the past 22 years he has continued to serve in that capacity.

"The thrust of my job has been communicating with the administration and medical staff on a wide range of issues," says Midkiff. "I always considered myself a facilitator, keeping Washington University's paper mill in full operation."

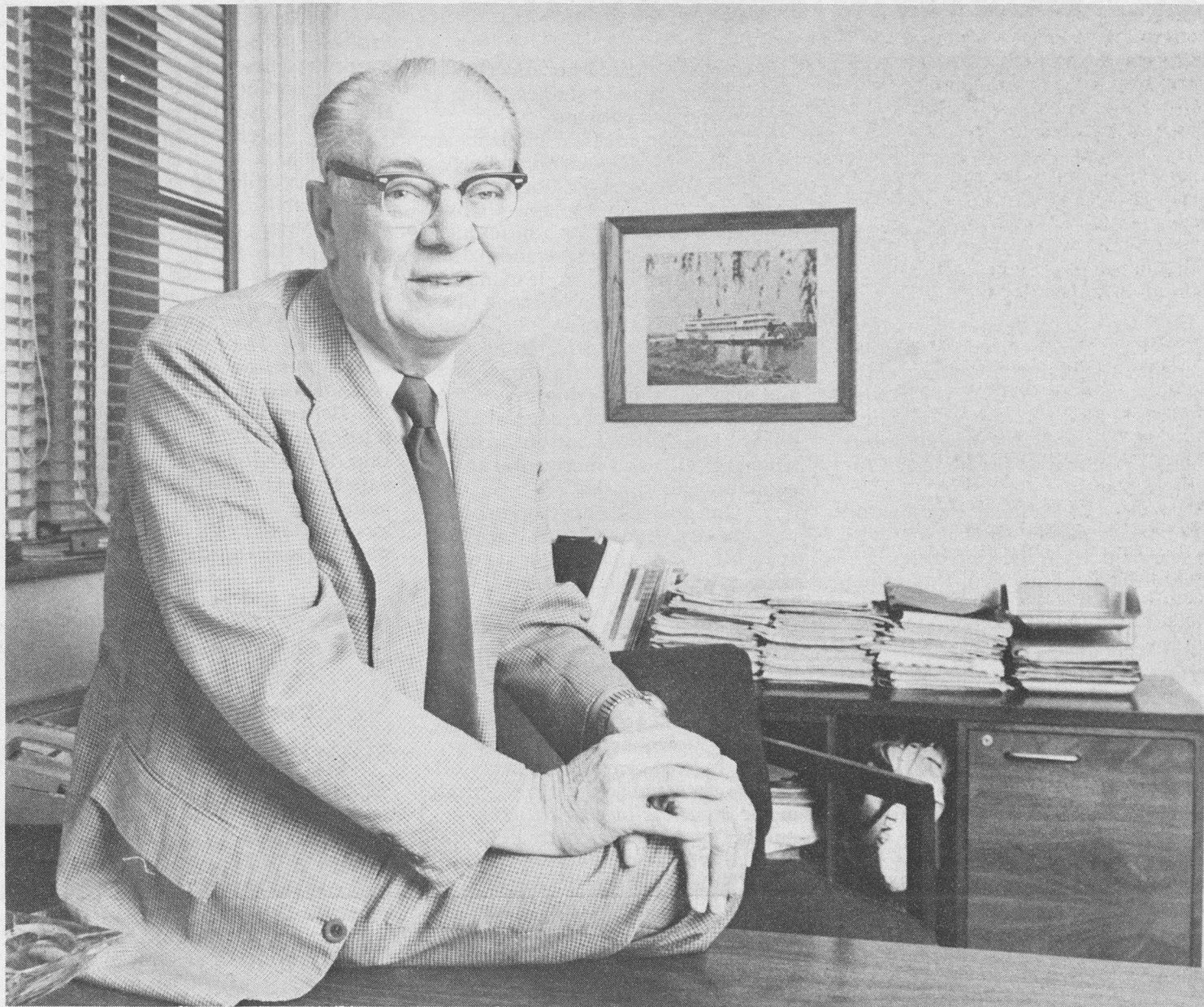
Midkiff is always looking for another way to make things better and easier. He was actively involved in such projects as the conversion of WU's accounting system from book-keeping machines to computers; designing the University's automated payroll and personnel system; developing the medical school's non-academic staff personnel guidelines; and implementing WU's self-insured program for medical professional liability. He is well known for helping his associates to succeed and excel.

Midkiff also has a combined total of 18 years experience as an adjunct accounting instructor on the faculties of WU and the University of Missouri-St. Louis. He was active in the St. Louis chapter of the Institute of Internal Auditors and served as president in the mid-sixties.

A native of Montana, Midkiff ended up in St. Louis after his discharge from the Army. He graduated from WU in 1948 with a degree in accounting and became a Certified Public Accountant in 1951. Before joining WU, he was an accountant with a Clayton-based CPA firm, served as controller for an interstate motorcarrier, and later owned his own trucking business.

When he was 22, he suffered from polio and was told he'd never walk again. Undaunted by the diagnosis, Midkiff today runs 3 1/2 miles without stopping. With retirement, he plans to quit smoking and continue his exercise program.

He and his wife, Reba, also have travel plans "in the oven." "I've always had a burning desire to see Au-



Bill Midkiff, business manager of the School of Medicine, retired Feb. 28 after 24 years of service. He was instrumental in computerizing accounting, payroll and personnel systems at the University.

stralia and New Zealand," he admits. They will also spend time visiting their two daughters. Sandra is a lawyer in Kansas City, Mo. and the mother of Midkiff's two grandchildren. Rochelle is a third-year medical student at Northwestern University. Besides traveling, Midkiff plans to assist, when needed, in the conduct of self-insured professional liability programs at WU and will serve as a consultant to other institutions in risk management and medical malpractice issues.

Midkiff was honored by WU administrators and staff at a banquet held at the Whittemore House on Feb. 21. Gene Mueth, assistant business manager, served as the master of

ceremonies. Special guests included Lucy Hoffman, former assistant business manager, who flew in from Las Vegas, Nev.; John Herweg, M.D., associate dean for medical student affairs; Gloria White, associate vice chancellor for personnel and affirmative action affairs; Joe Evans, associate vice chancellor for business affairs; Dorothy Rinderer, senior administrative assistant to the vice chancellor for medical affairs; and Virginia V. Weldon, deputy vice chancellor for medical affairs.

Mueth read a letter to Midkiff from Chancellor William H. Danforth, M.D., commending him for his years of service. Weldon also noted the long hours and sincere attention

and concern that Midkiff gave to the school.

In honor of his retirement, he was presented with a Seiko watch and contributions have been made in his name to the WU Scholarship Program. Friends, family members, business associates and co-workers again honored Midkiff with a retirement party on March 3 in Olin Penthouse.

"I'm going to miss the zeal for excellence that is pushed here at the School of Medicine," remarks Midkiff. "Everyday you run into someone who is pushing for expansion of knowledge and quality in health care. It's truly been an exciting place to work."

Anthropologist joins Department of Orthodontics at dental school

Jack R. Hurov, Ph.D., has joined the Department of Orthodontics at WU School of Dental Medicine.

An assistant professor and research associate, Hurov will lecture to predoctoral dental students on cranio-facial growth and development and will supervise the research activities of some orthodontic postdoctoral students. He also will hold an adjunct appointment as assistant professor in the Department of Anthropology at WU, serving as a liaison between the dental school and

the University's Hilltop campus for research activities in his field.

Hurov received a doctorate in anthropology at the University of Texas in 1982. He spent a year as a postdoctoral fellow at The Museum of Comparative Zoology at Harvard University and for the past two years has been a postdoctoral fellow, research assistant and instructor in the Department of Oral Biology at the University of Connecticut. He also taught human anatomy and orthodontics there.

Physical therapy clinic opens

A Physical Therapy Clinic will open April 1 at the Irene Walter Johnson Rehabilitation Institute (IWJ) for all WU students.

The clinic, located on the third floor of IWJ in the WU Medical Center, will be staffed from 4-7 p.m. on Thursday evenings by faculty members and graduating senior students of the Program in Physical Therapy at the School of Medicine.

The clinic will provide treatment and prevention methods of sports-related injuries, including sprains and strains and provide education services to intramural athletic groups.

Individualized fitness plans will be offered as well as strength and flexibility assessments. The staff also will prescribe appropriate exercises for people just beginning an exercise

program and for those already participating in one.

Staff members also will address the issue of pain, offering advice on muscle aches, low back pain from lifting, neck pain from studying or whiplash, joint pain and muscle pain from posterial problems.

Students will be charged \$5 per visit, but total charges will not exceed \$30 regardless of how many times they are advised to return. Students must be referred to the clinic by Mary Parker, M.D., director of University health services. Parker can be reached at the Hilltop Student Health Office on Thursday and Friday mornings, 889-6656, and in the afternoons of those same days at the Medical Campus, 362-3528.

NOTABLES

Harold Blumenfeld, professor of music, had his composition "Charioteer of Delphi" performed for the first time in New York. It was sung March 2 by Richard Frisch, a baritone with the North/South Consonance Chamber Players. Blumenfeld composed "Charioteer of Delphi" for the James Merrill musical evening held here last year. His 1981 Rimbaud cantata, "La face cendree," will receive its 14th performance on April 7 at a concert of the San Francisco Contemporary Chamber Players at the Museum of Modern Art. Soprano Miriam Abramowitsch will sing.

Keith Bridwell, M.D., assistant professor of orthopedic surgery, was recently visiting professor at Rush-Presbyterian-St. Luke's Hospital in Chicago. He performed two Cotrel-Dubousset instrumentations for spinal deformities. Surgeons from Chicago, Milwaukee, and New York were present to observe the procedure. Cotrel-Dubousset instrumentation has been pioneered at WU Medical Center, among few medical centers in the country, for the treatment of a wide variety of spinal deformities for children and adults.

Jonathan P. Caulkins, a junior in the Department of Systems Science and Mathematics, is one of three recipients of the Consulting Engineers' Council of Missouri 1986 Scholarship. He received a \$1,000 check and a certificate at the group's annual awards banquet, held Feb. 22 in Kansas City.

Howard W. Jones, professor emeritus of the School of Fine Arts, will exhibit sound sculptures and environments and painting/collages with sound recordings from his travels through Missouri's Ozarks through April 2 at Lynn Plotkin's Brentwood Gallery. Jones retired in July 1985. This is his first one-man show since a major exhibit in 1973 at the Saint Louis Art Museum.

Daniel R. Mandelker, J.S.D., Howard A. Stamper Professor of Law, has written a chapter titled "Environmental Protection" in *The Practice of State and Regional Planning*. The book is published by the American Planning Association.

Martha N. Ozawa, Ph.D., Bettie Bofinger Brown Professor of Social Policy in the School of Social Work, participated in a Conference on the Societal Impact of Population Aging in the United States and Japan, held Feb. 13-15 in Oiso, Japan. Ozawa joined some 60 people representing academia, government and business in Japan and the United States. She was asked to discuss her paper on "Women and Children in Aging Society." Her paper deals with a number of interrelated issues: demographic trends and support of the elderly; changing role of women in the economy; problems of children growing up in an aging society and current approaches to supporting children; and suggestions for a new direction in social policy. The conference was sponsored by the Carnegie Corporation of New York, the U.S. Association of Former Congressional Members and the Japan Center for International Exchange.

William Quinn, professor of art, has won a Mid-America Arts Alliance/National Endowment for the Arts Fellowship Award in painting, prints, drawings and artists' books. The award, for \$3,500, was given to 19 winners from a pool of 372 applicants. Quinn, a painter, plans to use the award to work in Europe this summer.

Gruia-Catalin Roman, Ph.D., associate professor of computer science, received the Outstanding Paper Award at the International Conference on Data Engineering of the Institute of Electrical and Electronics Engineers Computer Society. Roman received the award for his paper on "Formal Specification of Geographic Data Processing Requirements." The conference was held Feb. 5-7 in Los Angeles.

Susan Sullivan, Ph.D., assistant dean of the law school, was a featured speaker at the Northeast Regional Meeting of the National Association for Law Placement, held Feb. 13-15 in Boston. Her topic was "Attorney Turnover: Issues in Career Satisfaction."

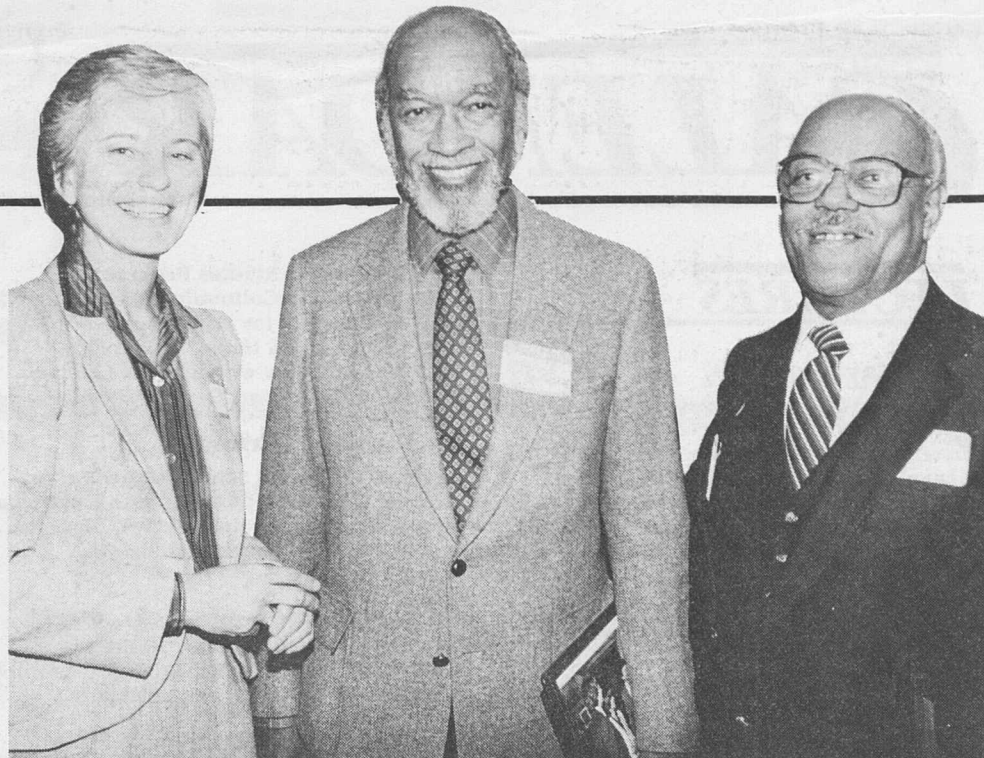
Alan R. Tom, Ph.D., associate professor and chairperson of the education department, recently assumed the presidency of the Association of Independent Liberal Arts Colleges for Teacher Education. The organization is composed of 150 private institutions. Tom has held several offices in the association and last year edited the group's publication titled *Teacher Education in Liberal Arts Settings*.

Robert L. Virgil Jr., D.B.A., dean of the business school, and **Ida Early**, business school director of special projects, co-wrote "The Consortium for Graduate Study in Management," which appeared in the winter 1986 issue of *Selections*, published by the Graduate Management Admissions Council. The article traced the consortium's history and accomplishments.

Rhonnie L. Washington, Ph.D., assistant professor of both African and Afro-American studies and performing arts, is having his play "Crossroads" performed by The Imaginary Theatre Company, the resident professional touring company of The Repertory Theatre of St. Louis. Written and directed by Washington, "Crossroads" explores the cultural life of blacks in Missouri, combining folk legends, history and music to tell the story of their heritage. Between January and March, the touring company will have performed Washington's play more than 100 times to some 30,000 young people throughout Missouri and Illinois.

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been named to a committee or elected an officer of a professional organization? The *Washington University Record* will help spread the good news. Contributions regarding faculty and staff scholarly or professional activities are gladly accepted and encouraged. Send a brief note with your full name, highest-earned degree, current title and department along with a description of your noteworthy activity to Notables, Campus Box 1070. Please include a phone number.



Judges honored: The Black Law Students Association of WU honored St. Louis area black judges at a reception Feb. 26 in Mudd Hall. Pictured above at the event, held in recognition of Black History Month, are (left to right) Karen L. Tokarz, LL.M., assistant professor of law and director of Clinical Education; Judge Theodore McMillian of the U.S. Circuit Court of Appeals, 8th Circuit; and Judge Clyde S. Cahill of the U.S. District Court for the Eastern District of Missouri. The students presented McMillian with a special award commemorating his 30th year on the bench. Also on Feb. 26, McMillian celebrated his sixth year as a participant in the law school's judicial lecture/demonstration series.

Laskey named outstanding teacher by national group

Leslie J. Laskey, professor of architecture, has been awarded the Association of Collegiate Schools of Architecture's (ACSA) Distinguished Professor Award for 1986. He is one of five architecture educators in the nation to receive the honor.

Laskey has taught design in the School of Architecture for nearly 40 years. In those years, many of his students have recognized him as an immensely important influence on them. In 1982, when Laskey celebrated 25 years on the faculty of the School of Architecture, he was lauded with superlatives from both colleagues and students. "He is probably one of the two or three best teachers of design in the world," said Joseph Passonneau, a former dean of the school.

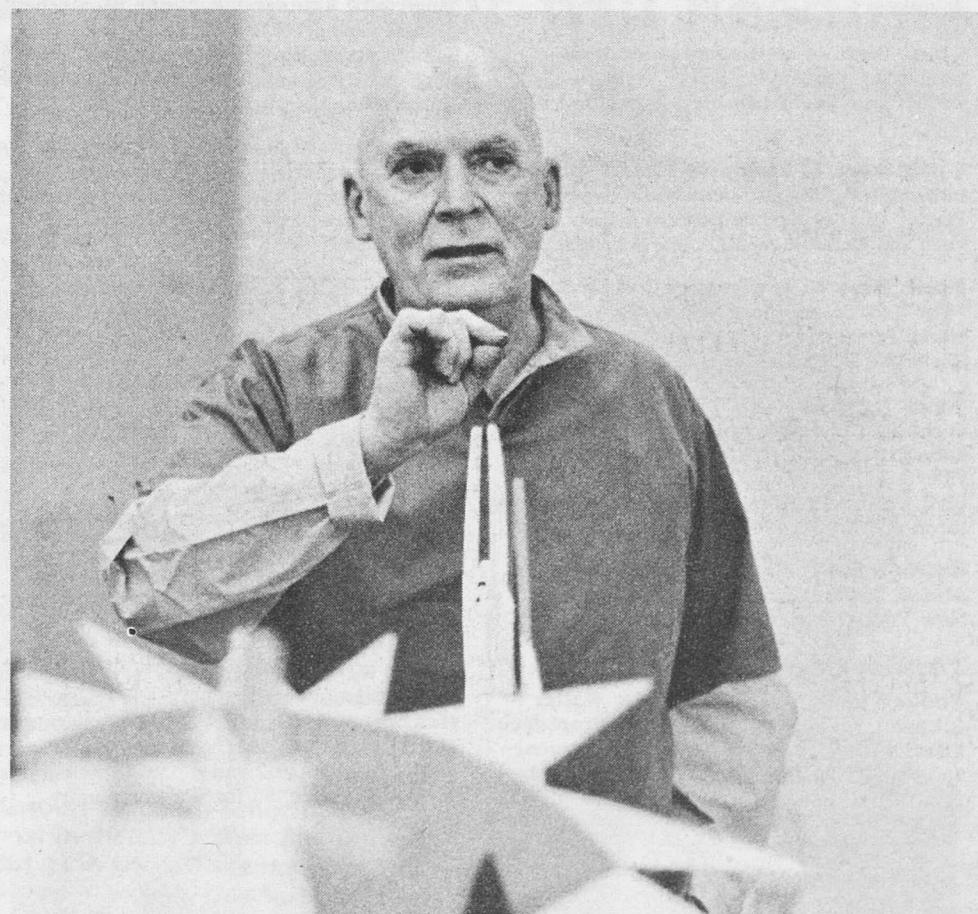
Dean Constantine E. Michaelides, who nominated Laskey for the award, said, "I cannot easily think of another fellow faculty who, over a nearly 30-year period of teaching, has had as much influence on as many students as Leslie Laskey. At a

tender stage of their freshman and sophomore lives, he exacted work, commitment and enthusiasm from most of those who continued on to become professional degree holders and architects."

The ACSA jury that selected the honorees was made of architecture educators and students from across the nation. Criteria for selection included "sustained creative achievement" and "a positive, stimulating and nurturing influence upon students . . . who themselves have then contributed to the advancement of architecture."

Laskey will receive the ACSA Distinguished Professor medallion and certificate at the ACSA annual meeting March 22-25 in New Orleans. This semester, he is on a sabbatical leave that will take him to Spain, the Netherlands and Morocco.

"This award is a reassurance that things are still clicking; that the way I speak about design and the way I work with students is still getting through," Laskey said.



Leslie J. Laskey doing what he does so well — teaching.

CALENDAR

March 6-22

LECTURES

Thursday, March 6

4 p.m. **The First Alexander C. Sonnenwirth Lecture**, "Staphylococcus Sepsis: Re-Emergence in a New Disguise," Richard M. Krause, Robert W. Woodruff Professor of Medicine and dean of Emory University School of Medicine. Steinberg Amphitheater, Yalem Research Bldg., Jewish Hospital.

Friday, March 7

6 and 8:30 p.m. **WU Association Travel Film Lecture Series**, "O Canada!" Ken Richter, filmmaker. Graham Chapel. For ticket info., call 889-5122.

Saturday, March 8

11 a.m. **University College Saturday Seminar**, "Telling Right From Wrong: Morality and Literature," roundtable discussion. Women's Bldg. Lounge.

Monday, March 10

4 p.m. **Dept. of Biology Seminar**, "ABA Regulation of Embryo Specific Genes in Brassica," M.L. Crouch, Indiana U. 322 Rebstock.

Tuesday, March 11

8 a.m. **Irene Walter Johnson Rehabilitation Institute Head Injury Resource Center Lecture**, "Sources of Anger in Brain Injury Rehabilitation," Harriet Zeiner, neuropsychology section, neurosurgery dept., Presbyterian Hospital, Oklahoma City, Okla. Cori Aud., 4565 McKinley.

Noon. **Dept. of Biology Seminar**, "Co-existence of Similar Species: Field Studies on Aphids," Judy Edson Bramble, U. of North Carolina. 309 Rebstock.

Wednesday, March 12

3 p.m. **Informational Meeting on Assignment of Faculty Patent Rights** for Faculty of WU School of Medicine. Wohl Aud., 4960 Audubon.

4:30 p.m. **Public Health and Preventive Medicine Seminar Series**, "Air Pollution and Disease," Jerome Flance, WU prof. of clinical medicine. Wohl Aud., 4960 Audubon.

Sunday, March 16

2:30 p.m. **Asian Art Society Lecture**, "Symbols of Power and Pleasure: Courtly Painting in India, 16th-19th Centuries," Vishakha Desai of the Museum of Fine Arts in Boston. St. Louis Art Museum Aud. in Forest Park.

Monday, March 17

2 p.m. **Dept. of Chemical Engineering Seminar**, "Development of Forces at Polymer Contact Surfaces," Matthew Tirrell, prof. of chemical engineering, U. of Minnesota. 100 Cupples II.

3 p.m. **Dept. of Mathematics Analysis Seminar**, "Singular Integrals," Jean-Lin Journe, prof. of mathematics, Princeton U. 203 Cupples I.

4 p.m. **Dept. of Biology Seminar**, "Recombinant DNA: Biologists, Ethics and the Market Place," Charles Weiner, prof. of history of science and technology, MIT. 322 Rebstock.

4 p.m. **Dept. of Psychology Colloquium**, "The Genetics of Schizophrenia: New Research Perspectives," Rue Cromwell, U. of Rochester, Rochester, N.Y. 102 Eads.

7 p.m. **International Office Federal Income Tax Seminar** with an international taxation expert from the Internal Revenue Service. Stix International House, 6470 Forsyth Blvd. Pre-registration required. To register and for more info., call 889-5910.

8 p.m. **School of Architecture Lecture Series**, "Making Places," Peter Eisenman, New York architect. Steinberg Aud.

Tuesday, March 18

Noon. **WU Medical School Irene Walter Johnson Rehabilitation Institute Employee Fitness Program Lecture Series**, "Exercise and the Female." IWJ Rehabilitation Institute Library, 509 Euclid Ave.

3 p.m. **Women's Studies Program and Dept. of English Colloquium**, "Reading and Conversation with Joy Harjo, Member of Creek Indian Nation," Joy Harjo, asst. prof. of English and creative writing, U. of Colorado-Boulder. Hurst Lounge, Duncker Hall.

Wednesday, March 19

4 p.m. **WU Medical School Irene Walter Johnson Rehabilitation Institute Employee Fitness Program Lecture Series**, "Exercise and the Female." Schwartz Hall, Barnes Hospital.

4:30 p.m. **Public Health and Preventive Medicine Seminar Series**, "Health and the Work Place," Peter Tuteur, WU assoc. prof. of medicine. Wohl Aud., 4960 Audubon.

Thursday, March 20

2:30 p.m. **Dept. of Mechanical Engineering Colloquium**, "Aspects of the h- and p- Versions of the Finite Element Method," Ernst Rank, visiting assistant professor, Institute for Physical Science and Technology, U. of Maryland. 100 Cupples II.

4 p.m. **Dept. of Psychology Colloquium**, "Perceptual Quality and Human Cerebral Assymetry: Theoretical Implications," Jon Jonsson, U. of Southern California at Los Angeles. 102 Eads.

4 p.m. **Public Affairs Thursday Series**, "Tunica, Miss.: A Report From the Field on Poverty and Hunger in America," Roy DeBerry, adjunct prof. of political science, Jackson State U. Eliot 200 C & D.

4 p.m. **Dept. of Chemistry Seminar**, "Recent Advances in the Chemistry of Molecules with Sigma Delocalized Bonding," J.C. Martin, prof. of chemistry, Vanderbilt U. 311 McMillen.

4:30 p.m. **Dept. of Mathematics Colloquium**, "Cohomological and Arithmetic Aspects of Spectra of Semisimple Lie Group Representations," Floyd Williams, prof. of mathematics, U. of Massachusetts. 199 Cupples I.

6 p.m. **Graphic Communications-School of Fine Arts Lecture**, "History of American Illustration," Frank Stanton, director of advertising, design program, St. Louis Community College at Florissant Valley. Steinberg Aud.

8 p.m. **Dept. of English Lecture**, "How Beryman Read Lycidas," Mary Ann Radzinowicz, WU Visiting Hurst Professor. Hurst Lounge, Duncker Hall.

8 p.m. **Dept. of Germanic Languages and Literatures Lecture**, "Goethe and Mozart: Parallels and Affinities," Robert H. Spaethling, prof. of German, U. of Massachusetts-Boston. 320 Ridgley.

Friday, March 21

2 p.m. **Engineering and Policy Seminar**, "Increasing Atmospheric Carbon Dioxide and Climate Change: What We Know and Don't Know," Ralph Rotty, engineer/scientist, Institute for Energy Analysis, Oak Ridge Associated Universities. 104 Lopata.

4 p.m. **Dept. of Music Lecture Series**, "Psychological Aspects of Music Perception," Ira Hirsh, Edward Mallinckrodt Distinguished University Professor of Psychology and Audiology. Blewett B-8.

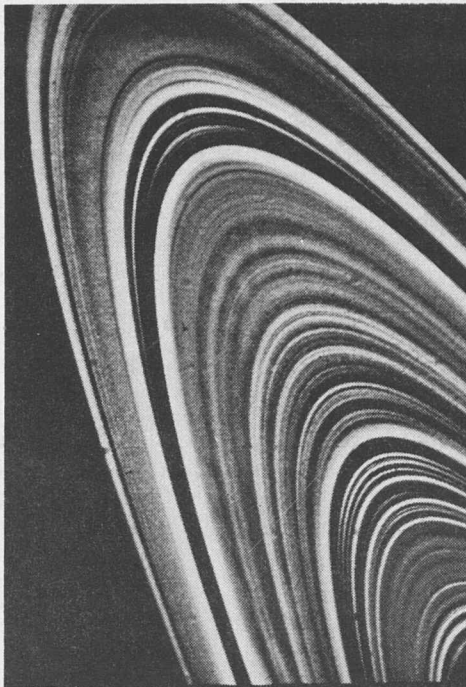
8:30 p.m. **B'nai B'rith Hillel Foundation Lecture**, "Rock 'n Scroll: Biblical Poetry and Popular Songs," Edward Greenstein, prof. of Bible, Jewish Theological Seminary. Hillel House, 6300 Forsyth Blvd. Services at 5:45 p.m., dinner at 6:30 and lecture at 8:30. Dinner costs \$4 for members and \$5 for non-members.

PERFORMANCES

Friday, March 21

8 p.m. **WU Performing Arts Area Presents "Hired Hands"**, written by Diana Marre, A.E. Hotchner Award winner. 208 Mallinckrodt Center. (Also Sat., March 22, same time, and Sun., March 23, at 2 and 8 p.m.) Admission is \$3 for the public; \$2 for WU community.

EXHIBITIONS



"Saturn's Ring System" (Aug. 28, 1981), a computer-processed digital image taken during the Voyager 2 mission, is included in "Photos by Number: Interplanetary Space Photography" on exhibit through March 9 in the Gallery of Art, lower level.

"Photos by Number: Interplanetary Space Photography." Images obtained through NASA's Regional Processing Lab at WU. Through March 9. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"19th-century Art From the Permanent Collection." Through April 13. Gallery of Art, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"New York Art Directors Exhibit." Through March 16. Bixby Gallery, Bixby Hall. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

"Modern German Prints and Drawings From the Collection." March 16 to April 27. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"Guenter Grass Prints." March 16 to April 27. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

MUSIC

Sunday, March 16

8 p.m. **University City Symphony Orchestra Concert**. Graham Chapel.

FILMS

Monday, March 17

7 and 9:15 p.m. **WU Filmboard Series**, "Inherit the Wind." \$2. Brown Hall. (Also Tues., March 18, same times, Brown.)

Wednesday, March 19

7 and 9:30 p.m. **WU Filmboard Series**, "Woman of the Dunes." \$2. Brown Hall. (Also Thurs., March 20, same times, Brown.)

Friday, March 21

8 and 10 p.m. **WU Filmboard Series**, "The Sure Thing." \$2. Brown Hall. (Also Sat., March 22, same times, and Sun., March 23, at 7 p.m., Brown.)

Midnight. **WU Filmboard Series**, "The Song Remains the Same." \$2. Brown Hall. (Also Sat., March 22, same time, and Sun., March 23, at 9 p.m., Brown.)

SPORTS

Wednesday, March 19

3:30 p.m. **Men's Tennis**, WU vs. St. Louis U. Tao Tennis Center.

Thursday, March 20

3 p.m. **Men's Tennis**, WU vs. Westminster College. Tao Tennis Center.

Friday, March 21

2 p.m. **Baseball**, WU vs. St. Ambrose College. Kelly Field.

Saturday, March 22

10 a.m. **Men's and Women's Track and Field**, WU Open. Francis Field.

10:30 a.m. **Women's Tennis**, WU vs. U. of Wisconsin-Whitewater. Tao Tennis Center.

MISCELLANY

Thursday, March 6

1-3 p.m. **Personal Computing Education Center Short Course 002**, "Computing Basics," Karen Sanders, computer specialist. Free to WU community. To register, call 889-5813.

Monday, March 10

5:30 p.m. **Gay and Lesbian Community Alliance Meeting**. 125 Prince.

Wednesday, March 12

8 a.m.-5 p.m. **Center for the Study of Data Processing Telecommunications Conference**, "Technical Change and Strategic Opportunities in Telecommunications." Peter G.W. Keen of Information Technologies Inc., main speaker. Chase-Park Plaza Hotel.

Friday, March 14

8:30 a.m.-4 p.m. **George Warren Brown School of Social Work Morris Wortman Memorial Institute on Marriage and Family Education**, "The Great Imposter: Chemical Dependency." Ramada Inn Westport, 12031 Lackland Rd., Creve Coeur. (Also Sat., March 15, same time, Ramada.) Registration is \$126. For more info. or to register, call 889-6606.

7 p.m. **Morris Wortman Memorial Institute on Marriage and Family Education Public Lecture**, "Chemical Dependency — Past, Present and Future," David L. Ohlms, medical director, Hyland Center. Free. Sponsored by George Warren Brown School of Social Work. Ramada Inn Westport, 12031 Lackland Rd., Creve Coeur. For more info., call 889-6606.

Monday, March 17

5:30 p.m. **Gay and Lesbian Community Alliance Meeting**. 125 Prince.

Wednesday, March 19

3:30-5 a.m. **WU Observatory Morning Session**. Mars, Saturn and Halley's Comet may be among the objects visible if the sky is clear. Crow Hall Observatory. (Also Thurs., March 20, same time, if clear.) Viewers should call 889-6278 beginning at 3 a.m. to see if the observatory is open.

11 a.m. **Asian Art Society Minicourse**, "The World of Genji," with Karen L. Block, WU adjunct asst. professor. (Continues March 26 and April 2, same time.) 200 Steinberg Hall.

Calendar Deadline

The deadline to submit items for the April 3-12 calendar of the *Washington University Record* is March 20. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1070.