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RECORD

Vol. 9 No. 35/Aug. 2, 1984

U. College degree includes systems programming

WU is offering a bachelor of science degree in systems and data processing, systems programming, which is unique to the St. Louis area. The degree is offered through University College, the arts and sciences' evening division.

The specialization in systems programming is new this year, according to Thomas Browdy, assistant director for academic affairs at the Center for the Study of Data Processing.

"Some institutions in the St. Louis area teach the theoretical aspects of computer science, and others teach the technical aspects of systems and data processing, but no one really combines the two," he said.

The degree program, which is designed for practical application to the business world, offers particular emphases in system software, assembly language programming, systems programming, and data communications from a systems programming perspective.

Fall classes begin Aug. 29. For more information, call University College at 889-6700.

Beckmann students to exhibit in Bixby

Five of Max Beckmann's students, who studied with the famous 19th-century German artist when he taught at WU from 1947-49, will exhibit their work Sept. 30 to Oct. 21 at Bixby Gallery in Bixby Hall.

The exhibit is in conjunction with a major show at the St. Louis Art Museum, "Max Beckmann Retrospective," Sept. 7 to Nov. 4. The retrospective, which opened in Munich and will travel to St. Louis from Berlin, marks the 100th anniversary of Beckmann's birth.

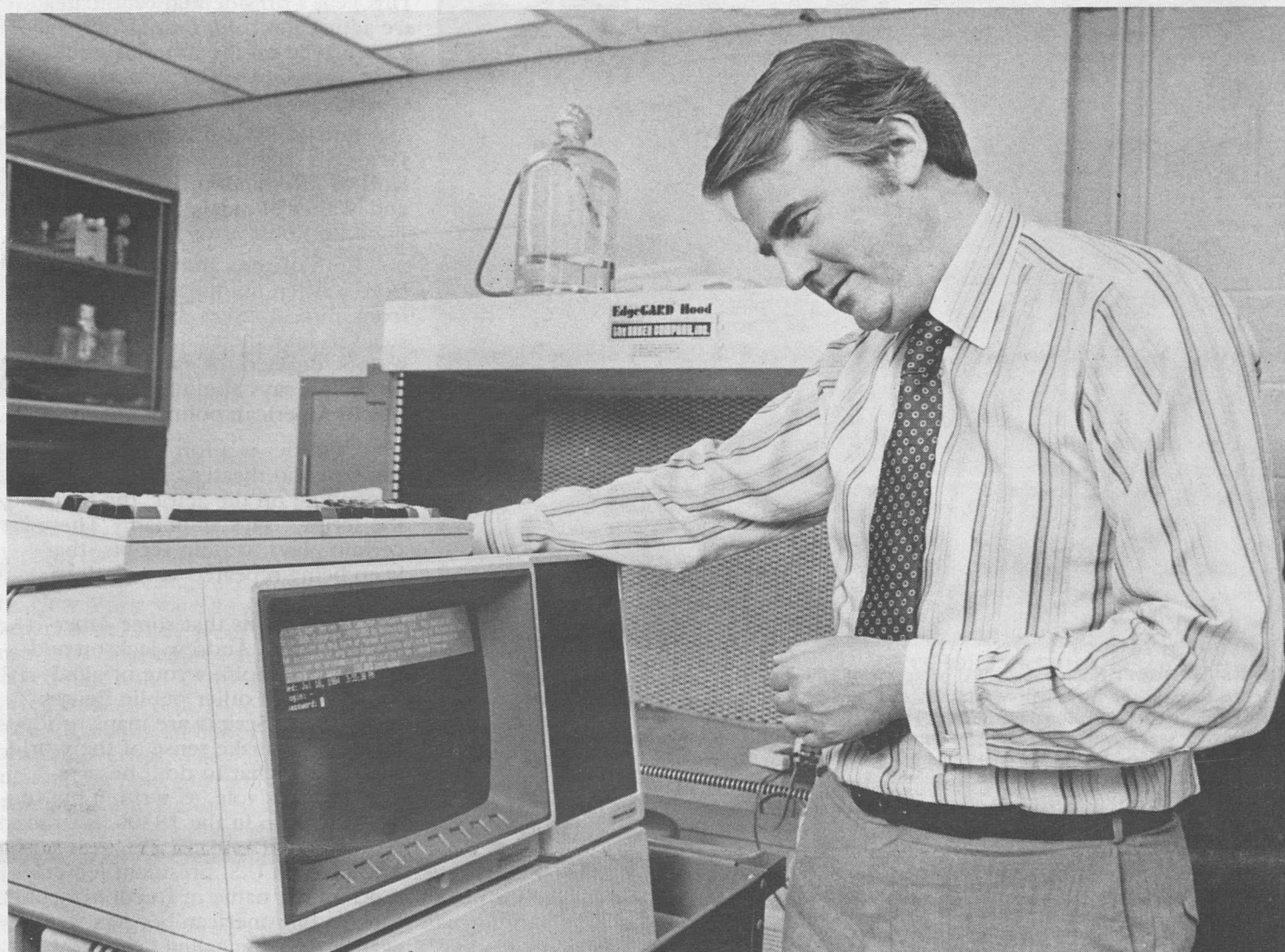
The five Beckmann students in the Bixby show are: Walter Barker, Warren Brandt, George W. Gunther, E. F. Hebner and Demetrios Jameson. On Friday, Oct. 12, in Bixby Gallery, a lecture will be given from 1:30 to 2:30 p.m. and an opening reception will be from 6 to 9 p.m. For more information, call Bixby Gallery at 889-6597.

Boling memorial set Sept. 5 in Graham Chapel

A memorial service for Leroy R. Boling will be held at 3:30 p.m. Wednesday, Sept. 5, in Graham Chapel. Boling, who was dean emeritus and professor emeritus of anatomy at the School of Dental Medicine, died June 21 after a long illness.

A reception, hosted by the Dental Faculty Wives, will follow the service at the University House, 6420 Forsyth Blvd.

Boling served as dean of the dental school from 1953 to 1967.



New Computer. Eric Dunlop, professor of chemical engineering and director of the Biochemical Engineering Laboratory, inspects the new PE model 7500 Professional Computer recently donated to the lab by Perkin-Elmer Corporation. The computer features color graphics, hard disk storage and the capability to interact with a host computer to share data and programs. "It should make life infinitely easier," said Dunlop. "We're looking forward to using it in conjunction with our other lab equipment." The laboratory is studying fermentation and bio-separation technology with normal and recombinant organisms. The work has applications in pharmaceuticals, agriculture and allied areas.

Allergy update

Research sheds new light on seasonal miseries

Less than a generation ago, physicians were apt to advise patients complaining of constant sniffles that the problem was all in their heads, but more is known now of the allergies that plague an estimated one in four U.S. citizens.

According to James Wedner, director of the allergy clinic at WU's School of Medicine, the last few decades have seen a dramatic increase in our understanding of the immune response in general and allergies in particular. "And yet there are still physicians out there who pass off many allergic reactions to psychological factors," he says.

There are still plenty of unanswered questions about allergies, but the wealth of our current understanding is nothing to sneeze at. Whenever your body reacts abnormally to substances in the environment that do not bother most people, you have an allergy. When pollen enters your nose, for example, your body absorbs glycoproteins from the offending particles. These bind to the antibody IgE, setting off a chemical reaction in some people which, in turn, triggers allergic symptoms. People with low levels of IgE tend to have fewer and/or less

severe allergic reactions.

The most common reaction is allergic rhinitis, or hay fever, with its attendant symptoms—runny nose, sneezing, congestion, itching of the nose and eyes, and excessive tearing. Ragweed season, August and September, is the most aggravating time of year for hay fever sufferers. Allergies

can also trigger asthma, hives, migraine headaches and a host of other ailments.

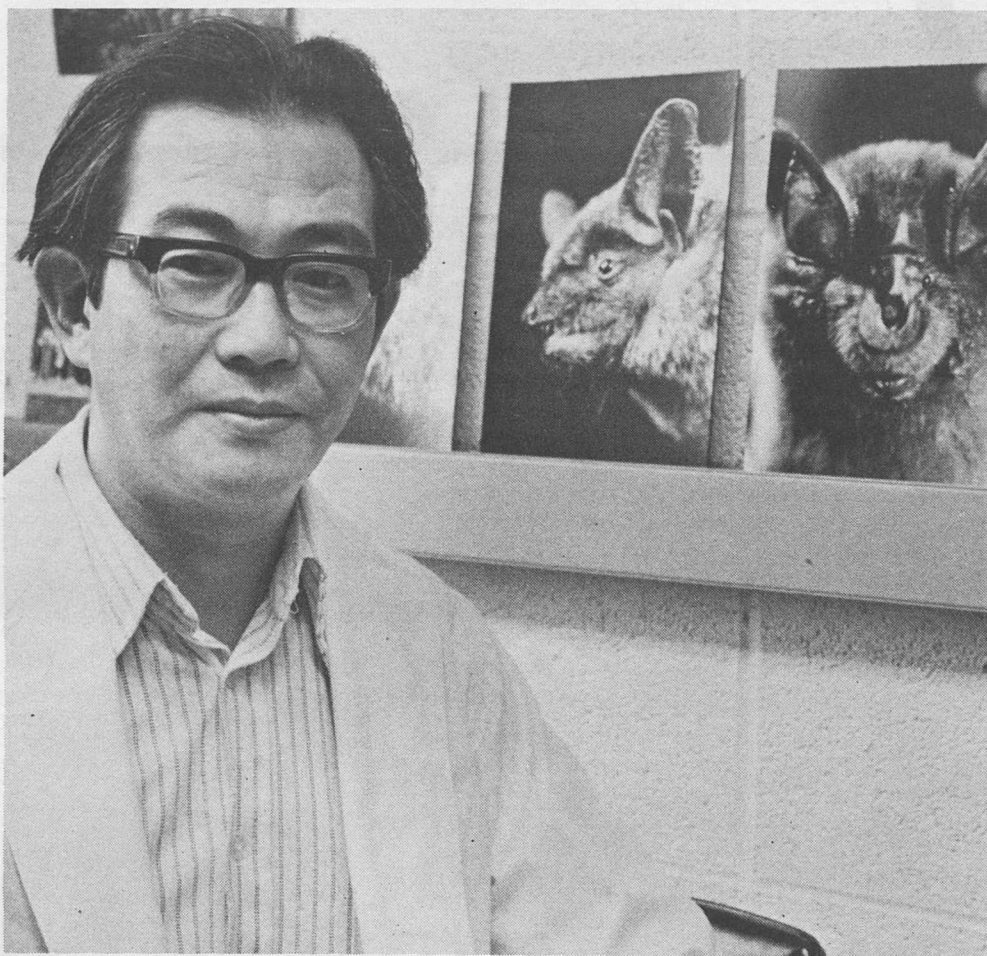
The modern allergist works as a detective. First, he administers some laboratory tests to narrow the range of allergens, those substances which cause allergic reactions. Then he chooses an appropriate course of immunotherapy to reduce the patient's reactivity. This series of injections, which contains increasing amounts of allergen extract, enables the patient to suppress the effects of IgE and keep his symptoms under control.

Walter Lewis, WU plant biologist, along with Prathibha Vinay and Vincent E. Zenger, recently completed a book, *Airborne and Allergenic Pollen of North America*, (Johns Hopkins University Press) that takes much of the guesswork out of the allergist's job. "Usually, the allergist injects a range of extracts in hopes that one of them will cover the symptoms," says Lewis. "But with the book as a reference, the allergist can now much more closely approximate what pollens are in the environment and narrow the possibilities. We've never had that kind of specificity before."

Continued on p. 8



Walter H. Lewis



Javits Winner. Nobuo Suga, WU professor of biology, recently won the Jacob Javits Neuroscience Investigator Award from the Advisory Neurological and Communicative Disorders and Stroke Council of the National Institutes of Health. The Javits award includes a grant of more than \$1 million over seven years. Suga received the award for his study of the neurophysiology of echolocation — a type of biological sonar — in bats. He is the fourth WU recipient of the award.

Emergency Support Team provides 24-hour medical treatment service

When the resident assistant in the dormitory found a student unconscious, she didn't hesitate. She called the Emergency Support Team (EST).

Within one minute, two team members arrived and administered first aid. Three minutes later, two more team members arrived with medical equipment. They administered oxygen, maintained a clear breathing passage, and stabilized the

patient for the ambulance. Moments later, paramedics called in by the EST arrived and began an intravenous transfusion of glucose. The patient was experiencing a diabetic reaction.

The Emergency Support Team, a volunteer corps of approximately 25 students, provides the campus community with another link in the chain of response between an emergency and professional medical treatment. On call 24 hours a day, many are state-licensed emergency medical technicians.

The group began in 1978 when some concerned students stepped forward and offered to become an on-campus medical response team. With funding from the University Health Services and the administration, the EST maintains a small truck and a covey of first-aid equipment.

"We have extremely prompt and professional ambulance service from the city," says Dr. Mary Parker, director of the University Health Services. "And all of our campus security officers have first-aid training, but these students may have more emergency medical training than the officers do."

Though prepared to respond to dire medical emergencies, the EST gets its greatest workout during intramural sports season. Knees need splinting, shoulders need sling-ing, scrapes need bandaging.

"We can often save the patient a lot of time and money by treating him or her right on the spot," says four-year team veteran Michael Grossman. "Sometimes we can

Candidates repeat familiar scripts

This year's presidential candidates are acting out roles that already have been played on the American political stage, says George M. Shulman, WU assistant professor of political science.

Ronald Reagan is using Andrew Jackson's frontier script, with a Hollywood touch of Gary Cooper, and Walter Mondale draws from Franklin Roosevelt's New Deal role.

Both of the candidates could have written unique scripts to confront current issues, but chose instead to take their cues from earlier scripts, devised for earlier times and problems, says Shulman, who specializes in American politics and culture.

"Politics is a form of drama; it can be good theater or bad theater, depending on the actor, the part and the script," says Shulman. "There are certain plays, certain scripts, that keep being repeated in American politics."

He explains that some Americans, such as Andrew Jackson and Abraham Lincoln, wrote original scripts which other public figures have used. "Scripts are maps or ideologies: they make sense of the world and tell us what to do," he says.

Reagan's role, as written by Andrew Jackson in the 1830s, is to play cowboys and Indians, Shulman says. The seventh U.S. president led crusades in the name of freedom against Indians on American borders, and against what he called "the Mother Bank," which represented centralized economic and political power.

Shulman says Reagan has created modern rugged frontiers at home and abroad. On the home front, his cowboys are entrepreneurs fighting to re-establish a free market and throw off the saddle of the welfare state. Abroad, he has the U.S. trying to annihilate "Reds" — which in modern

days are the Russians.

Reagan appears to approach violence reluctantly, like Gary Cooper in westerns. Cooper had a habit of apologizing to his victim before he gunned him down. "Reagan sees the world as a Grade B movie," Shulman says. "Like Gary Cooper, he doesn't ever portray himself as relishing violence, he's always forced into it reluctantly."

Playing the opposing role is Mondale, who follows Roosevelt's script for reform at home by claiming that he seeks to protect workers, minorities and women within the limits of the market system, Shulman says.

Mondale shares Reagan's anti-Communist stance, but his approach differs. Just as Roosevelt's economic recovery script laid the groundwork for Harry S. Truman's administration to bring aid to Europe through the Marshall Plan, Mondale will propose using economic aid, rather than military intervention, to protect Third World regimes against social revolt by the poor.

Following the Roosevelt script by trying to reconstruct the New Deal coalition is a challenge for Mondale, says Shulman. Mending the splits that have developed between blacks and Jews, black and white workers, and men and women will be difficult.

But despite the tensions, these groups all share a common need to remove Reagan from office. If Mondale can emphasize that, he may be able to unite them in a New Deal commitment to liberal politics that echoes Roosevelt, says Shulman.

In November, voters will decide the drama they wish to watch for the next four years. They'll choose either "Cowboys and Indians," starring Ronald Reagan; or "The New New Deal," starring Walter Mondale.

Regina Engelken

U. College offers international affairs courses

Corporate specialists and WU faculty will teach three courses in the International Affairs Program which resumes Aug. 29 at the University.

The courses are offered through University College, the arts and sciences' evening division at WU. They include: "Current Issues in International Affairs"; "International Trade"; "Investments and Finances"; and "Japan and Its Worlds."

The current issues course will cover American investment and business culture abroad; North-South relations and international debt; East-West relations and trade; economic interests and power politics in the Middle East; and United States investment, intervention, and influence in Latin America.

William Gleason, associate general counsel of Monsanto, will speak on business culture abroad. "An American business person's views may be in conflict with a foreign business culture," he explained. "For example, Americans by nature and training have difficulty at the interna-

tional bargaining table since we inherently are competitive and impatient, yet, when the negotiation involves Brazilian or Japanese rules, the American style is inappropriate."

Current Issues will be offered Mondays from 7 to 9:30 p.m.; International Trade, Saturdays from 9 to 11:30 a.m.; and Japan and Its Worlds, Wednesdays from 7 to 9:30 p.m.

Becker-Brydges joins alumni staff

Jennifer Becker-Brydges has been named assistant director of alumni programs in the Office of Alumni and Development.

Her responsibilities include developing alumni executive committees and planning programs for alumni council cities. She also will serve as staff coordinator for the Student Alumni Relations Committee, the Alumni Parents Admissions Program and ACCESS, the alumni career network.

Becker-Brydges, a native of Lake Forest, Ill., graduated from WU in 1983 with a bachelor's degree in psychology.

RECORD

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NIMH grant funds scholarships for minority social work graduate students

The George Warren Brown School of Social work received a three-year grant from the National Institute of Mental Health to fund scholarships for minority graduate students interested in a career as mental health practitioners working with minority youth.

The scholarships, which will provide tuition support plus stipends, are offered to students enrolling in a 60-credit hour training program to be introduced this fall at the social work school. The \$90,000 award over three years will fund three scholarships each year.

"The training program is designed to increase the number of minority mental health practitioners

who can work in small groups with minority youths in the risk areas of teenage pregnancy, drug and alcohol abuse," says Larry E. Davis, WU associate professor of social work and the program's director.

Students enrolled in the training program will take courses from the school's regular curriculum, with an emphasis on group work with minority youth, and will do practicum work at minority social service agencies. Graduates of the program will receive a master's degree in social work.

For information on applying for the scholarships, call Pierrette Murray at 889-6676.

Grant deadlines begin Oct. 1

A variety of fellowships and grants for post-doctoral students and WU faculty are available through the American Council of Learned Societies (ACLS). Deadlines for application begin Oct. 1, 1984.

The programs and their application deadlines are: ACLS Fellowships, Oct. 1; ACLS and Ford Fellowships, Oct. 1; Research Fellowships for Recent PhD Recipients, Oct. 1; Modern Society and Values Fellow-

ship, Oct. 1; Grants-In-Aid, Dec. 17; Travel Grants for Humanists to International Meetings Abroad, Nov. 1 and March 1; Grants for China Studies, Nov. 15; CSCPRC Fellowships, Feb. 15;

Eastern European Studies, Nov. 15; Social Science Research Council Fellowships, Nov. 1 and Dec. 1; IREX Fellowships for Eastern Europe and the U.S.S.R., Nov. 1.

For more information, contact the American Council of Learned Societies, 228 East 45th Street, New York, N.Y. 10017.

Bookmark Society makes fall debut

Presentations by noted writers and critics, lively discussion groups, and library borrowing privileges are a part of The Bookmark Society, a new literary organization to debut this fall at Washington University Libraries.

The society's goals are to bring together community members who are interested in books and to make the public aware of the resources, services and collections of the WU Libraries, according to Charles D. Churchwell, dean of library services.

The Bookmark Society will feature four major events a year each followed by a wine and cheese reception.

"We will present a diverse and distinguished group of writers and poets from throughout the country, as well as from our own backyard," said Churchwell.

Although the society is a membership organization, all programs will be open to the public. General

admission is \$3 at the door. Members will be admitted free.

The first event, scheduled at 4 p.m. Sunday, Sept. 16, will feature award-winning writers and WU faculty members Stanley Elkin and William Gass. The program will be followed by a preview of Olin Library's Modern Literature Collection, which is celebrating its 20th anniversary. The collection, made up of a variety of materials relating primarily to contemporary English and American literature, includes manuscripts and assorted papers of both Elkin and Gass.

Membership to the Bookmark Society is \$35 for couples, \$25 for individuals and \$10 for WU students.

For more information, call 889-5400, or write to the Bookmark Society, Washington University Libraries, Olin Library, Campus Box 1061, St. Louis, Mo. 63130.



The artists who will be exhibiting their work in Bixby Gallery are: (l to r) Stan Helfrich, Dale Dufer, John-Paul Wolf, Bill Hawk, Patty Linderer, Fabian Buntin, John Bjerklie, Poogie Bjerklie and Rick Barcheck. This photo was taken by New York photographer Kevin Jon Boyle, who is known for his double-exposure techniques.

Bixby Gallery hosts bank artists exhibit

Eleven artists from the Fortune Bank Building Design and Equipment Division of Mark Twain Bancshares will exhibit their work Aug. 20-Sept. 14 at WU's Bixby Gallery in Bixby Hall. An opening reception will be held from 2 to 5 p.m. Sunday, Aug. 26. Several of the artists are graduates of WU's School of Fine Arts.

The Fortune artists are responsible for decorating, maintaining and refurbishing Mark Twain banks. They create unusual furniture, contemporary art, decorative items and cabinetry. The Bixby exhibit, however, will feature their personal

work, not pieces created for the bank.

The artists and their media are: Rick Barcheck, painting; John Bjerklie, painting; Poogie Bjerklie, fabric; Fabian Buntin, painting; Alison Cannon, drawing; Dale Dufer, sculpture; Carol Eder, ceramics; Bill Hawk, painting; Stan Helfrich, cast paper; Patty Linderer, ceramics; and John-Paul Wolf, drawing.

John Bjerklie, Cannon, Hawk, Helfrich and Wolf are WU School of Fine Arts alumni.

For more information, call Bixby Gallery at 889-6500.

Costume designer joins PAA staff

Bonnie J. Cutter, costume designer, has been appointed artist-in-residence in the WU Performing Arts Area.

Cutter will teach theatre courses in makeup and design as well as design costumes for Performing Arts Area productions.

Most recently, she served as a staff member of the Repertory Theatre of St. Louis, where she also supervised the Costume Crafts Shop for Studio Theatre. Cutter has worked with the Opera Theatre of Saint Louis, the Illinois Opera Theatre and the Oregon Shakespeare Festival.

From 1980-83, Cutter was production and dance assistant at the Krannert Center for the Performing Arts at the University of Illinois. She has designed for the Illinois Dance Theatre, the Syracuse Ballet Theatre and the St. Louis Repertory Dancers.



Bonnie J. Cutter

Writing courses offered by U. College

WU is offering a program called "Writing for the Professional" through University College, the arts and sciences' evening division. The courses are divided by topics for journalists, creative writers and business writers.

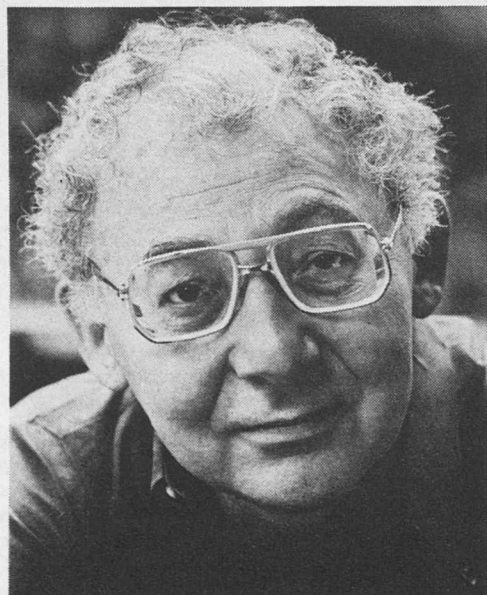
The journalism courses include: "Introduction to Journalism"; "Basic

Editorial Skills"; "Popular Writing in Science"; "Medicine and Health"; and "Magazine Article Writing."

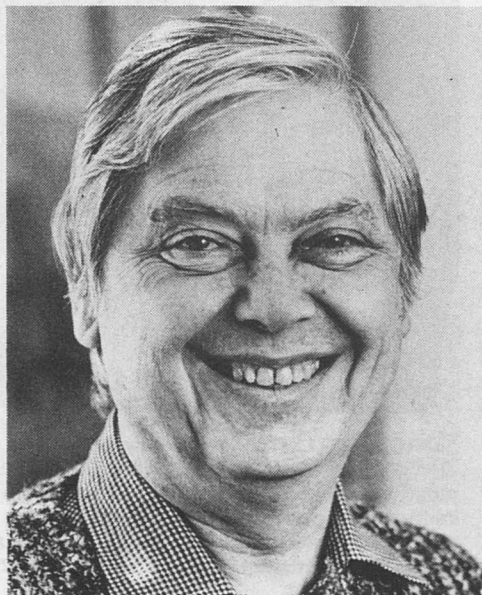
Creative writing includes: "Fiction Writing"; "Varieties of Non-fiction"; and "Poetry."

Business writing includes: "Technical Writing"; "Communication Skills for Corporate Survival"; and "Business Writing: Reports and Proposals."

Courses begin Aug. 29. For more information, call 889-6778.

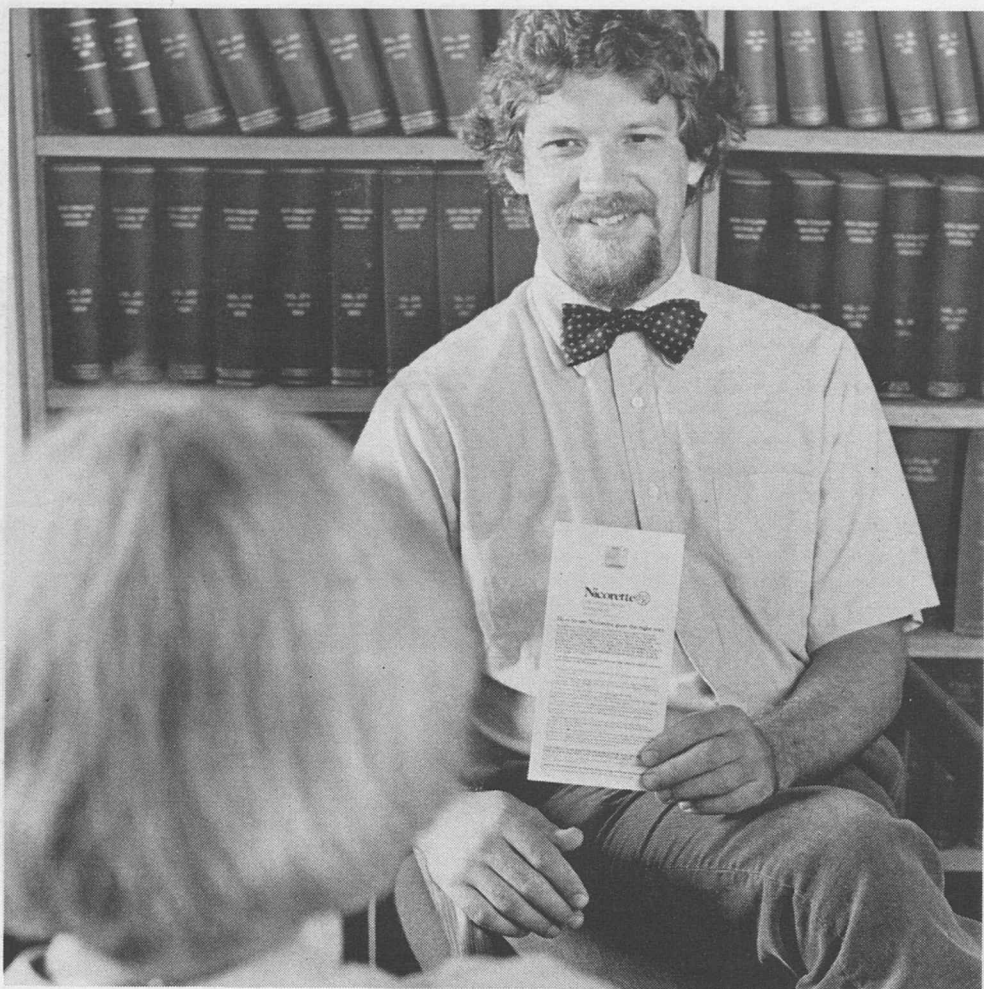


Stanley Elkin



William Gass

MEDICAL RECORD



Kevin McCusker, M.D., discusses the benefits of nicotine gum with a stop-smoking program participant.

Stop smoking clinics use nicotine gum

Smokers often substitute chewing gum for cigarettes when they're trying to quit the habit. Now, they can reach for nicotine gum as they wean themselves from their familiar slender rolls of tobacco.

The School of Medicine and Jewish Hospital offer special stop-smoking programs that use Nicorette, the nicotine chewing gum, to help ease smokers away from their cigarettes.

The programs are designed for smokers whose efforts to quit may have been hampered by a physical dependence on nicotine. They are directed by Kevin McCusker, M.D., assistant professor of pulmonary medicine at the School of Medicine and a physician at Barnes Hospital; and by Linda Stanton, M.D., clinical instructor of medicine at the School of Medicine, and director of the medicine clinics and of employee health at Jewish Hospital.

Both McCusker and Stanton participated in clinical trials at the WU Medical Center for Nicorette, which received federal approval this past spring for marketing in the U.S. The gum is available only by prescription, and is not recommended for pregnant women or for people who recently have had heart attacks or who have severe arrhythmias.

"The medical school clinics use the traditional therapies to help smokers deal with social and psychological dependence on cigarettes, and nicotine gum to help with the physical addiction," McCusker said. "The nicotine gum is used solely as an adjunct to help smokers who are already motivated to quit."

Participants in the medical school's program must be referred by a physician. Each clinic consists of a 10-member group that meets on Friday afternoons for eight 30-minute sessions. The \$140 fee for the pro-

gram includes the first prescription for a 96-piece box of nicotine gum that normally lasts the duration of the program. For more information, call McCusker in the Division of Pulmonary Medicine at 362-6905.

The Jewish Hospital programs include an outpatient clinic and a consult service for inpatients. These programs also combine behavior modification and nicotine gum.

"Smokers in our programs and their referring physicians may choose at any time to start using nicotine gum to combat withdrawal symptoms of nicotine addiction," Stanton said.

The Nicotine Withdrawal Clinic for Smoking Cessation at Jewish Hospital is open to all smokers. Physicians may refer their patients to the program, but smokers without physician referral can receive medical examinations from clinic physicians.

The program lasts four months, and includes eight one-hour visits for small group sessions. The outpatient clinic meets Saturdays and evenings.

Fee for the outpatient clinic is \$120, and \$30 for physician examination. Prescriptions for nicotine gum are provided as part of the program, but cost of the gum is extra.

The consult service for Jewish Hospital inpatients is by physician request. Stanton and nurse educators will introduce patients to the concepts of smoking cessation, evaluate them as candidates for nicotine gum and make recommendations to their referring physicians, start them on the nicotine gum plan, and provide follow-up planning to continue the smoking cessation program after discharge.

More information is available through the Jewish Hospital smoking cessation program at 454-8188.

Volunteers needed for center's blood cholesterol studies

Researchers at WU School of Medicine are seeking volunteers to participate in several studies on the effect of diet and medication on blood cholesterol.

The work will be directed by Gustav Schonfeld, M.D., director of the Lipid Research Center and acting head of the Department of Preventive Medicine and Public Health, and by Anne Carol Goldberg, M.D., instructor in preventive medicine and medicine.

Among the projects is a diet study funded under a three-year, \$110,000 grant from the National Institutes of Health (NIH). According to Schonfeld, an inherited protein defect that affects 25 percent of Americans is believed to make them more susceptible to cholesterol, and thus at a higher risk of cardiovascular disease.

Researchers will screen volunteers aged 21-60 to select those who have the trait, as well as a group of controls who do not have the defective protein.

Two other studies will test new cholesterol-lowering drugs, one in liquid form and the other in capsule form. Researchers will use volunteers aged 21-70 to test for optimum

dosage and long-term tolerance.

More information about any of the cholesterol studies is available from 1 to 4 p.m. weekdays at the Lipid Research Center (telephone 362-3500, 362-3501, 362-3502 and 362-3504).

New section features medical news

Beginning with this issue, the *Washington University Record* will expand to include a once-a-month news and feature section titled the *Medical Record*.

School of Medicine employees who previously received the monthly newsletter, *Scope*, can now read about medical developments and share School of Medicine news with Hilltop Campus employees through the *Medical Record*.

If you have news items or suggestions for the *Medical Record*, please write or call Betsy McDonald, who edits this section, at Campus Box 8065, 362-7569.

The deadline for copy is the last Tuesday of every month.

AAAS elects Weldon 1984 fellow

Virginia V. Weldon, M.D., deputy vice chancellor for medical affairs at the School of Medicine, has been elected a fellow of the American Association for the Advancement of Science (AAAS).

She is one of 269 members of the association named 1984 fellows. The AAAS, formed in 1848, is the nation's leading general scientific organization with some 136,000 individual members and 285 affiliated scientific societies and academies of science.

In electing fellows, the AAAS honors members who have made

scientifically or socially distinguished efforts to advance science or its applications. Weldon was cited for her contributions to pediatric endocrinology, for medical school administration and for developing and articulating public policy on biomedical research.

Weldon is vice president of the WU Medical Center, professor of pediatrics at the School of Medicine, and on staff at Barnes and Children's hospitals. A specialist in pediatric endocrinology, she has studied mechanisms of abnormal growth in childhood.



Tour Program. Barb Hebrank (middle), administrative assistant in medical public relations, directs tours every second and fourth Wednesday of each month for all new medical school employees and interested personnel. Tours begin at 9 a.m. in the lobby of the McDonnell Medical Sciences Building and provide employees with a brief history of the school, as well as acquaint them with various pre-clinical and clinical areas of the medical center. Groups are limited to 20 people. For more information, call Hebrank at 362-3251.

Researchers seek volunteers for multiple sclerosis study

WU School of Medicine researchers are seeking volunteers for a study of a new immunosuppressive drug that may help victims of multiple sclerosis (MS).

WU is one of nine American universities examining the use of Cyclosporine A as a treatment for MS. The research, sponsored by Sandoz Inc., is being conducted by the medical school's Department of Neurology. Heading the study is John Trotter, M.D., director of the MS clinic and associate professor of neurology and neurological surgery at the School of Medicine.

Patients will have blood tests and vital signs taken each month, with a formal examination by a neurologist and therapist every two months. Participants also will be asked to have a spinal tap at the begin-

ning and end of the trial. All testing will be conducted at the Clinical Research Center at the School of Medicine.

MS patients who have been treated with the immunosuppressive drug Cytoxan may not enter the trial. Participants must be off all immunosuppressive drugs for two months before the study begins, and cannot begin taking other immunosuppressants during the trial.

Because the study is placebo controlled, not all patients will receive Cyclosporine A, Trotter said. If the drug is proven effective, however, all participants will receive it free until it gains federal approval as treatment for MS.

Further information about the MS study is available by calling 362-3293.

Guidance center elects new board members

The Child Guidance Center at WU School of Medicine has re-elected officers of its board of directors and appointed five new board members.

Re-elected board officers include Robert Rubright, president, president of Rubright, MacDonald & Co. management consulting firm; Susan Wedemeyer, vice president, director of public relations at the Bunce Corp.; Sanford Weiss, secretary, president of Weiss and Neuman Shoe Co.; and Paul Reinert, treasurer, partner at Arthur Anderson & Company.

New members of the board of directors include Charles Story, execu-

tive vice president, Inroads Inc.; Robert Wolters, president, Mark Twain Trust Division, Mark Twain Bank; Jane F. Evans, director of development and community relations for Goodwill Industries; and Andy Rothschild, Lewis and Rice law firm.

St. Louis-area children and families from all ethnic, economic and social backgrounds are treated at the Child Guidance Center, which is a United Way agency. The clinic's staff of psychiatrists, psychologists and social workers advises parents about changes in behavior or personality, or about other concerns involving children. Staff members evaluate and diagnose the difficulty, then offer practical suggestions for handling the problem.

Bricker named ASA president

Eugene M. Bricker, M.D., professor emeritus of clinical surgery at the School of Medicine, has been elected president of the American Surgical Association (ASA).

The ASA is the oldest, and one of the most prestigious, of this country's organizations for American surgeons.

"It is quite an honor that Dr. Bricker has been named president of the association," said Samuel B. Wells, Bixby Professor and chairman of the Department of Surgery. "He is only the second faculty member in the history of the School of Medicine

to hold that office."

The late Evarts Graham, chairman of the surgery department at the medical school and surgeon-in-chief at Barnes Hospital from 1919-51, presided over the association in 1937.

Bricker joined the faculty at WU in 1938, when he was named an instructor of surgery. He became an associate professor of clinical surgery in 1947 and a professor of clinical surgery in 1966. He received emeritus status in 1975. He also is on staff at Barnes and Children's hospitals.

Markey Trust awards research grant

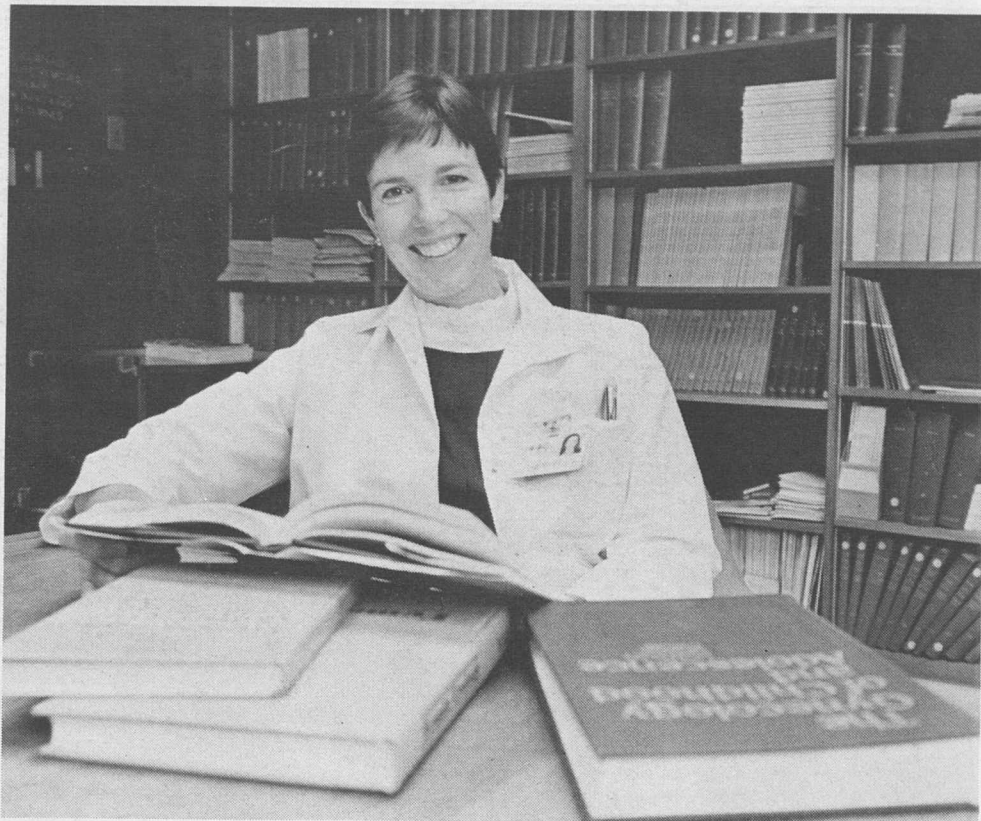
The Division of Biology and Biomedical Sciences at the School of Medicine will receive \$360,000 as part of an academic fellowship program sponsored by the Lucille P. Markey Charitable Trust.

Announcement of the five-year grant was made by Luis Glaser, Ph.D., chief of the division and professor and head of the Department of Biological Chemistry.

The School of Medicine is one of 15 institutions to receive a grant

from the Markey Trust. The trust is awarding a total of \$5,400,000 as part of its program to support predoctoral fellowships in basic medical research. The funding will be used to defray stipends, tuition, research and travel of outstanding predoctoral candidates in the Division of Biology and Biomedical Sciences.

The Lucille P. Markey Charitable Trust was established in November 1983 under provisions of the will of Lucille P. Markey, who died in 1982. She directed that assets of the trust, headquartered in Miami, be used exclusively for support of basic medical research.



Diane F. Merritt, M.D., director of the new pediatric/adolescent gynecology service at Children's Hospital, said the service will alleviate the frustrations pediatricians face when treating children's gynecological problems.

Center treats children's gynecological problems

Children with gynecologic problems can now go to a new center for treatment by specialists in an emerging health care field, pediatric gynecology.

A pediatric/adolescent gynecology service for the St. Louis area has opened at the new Children's Hospital, a sponsoring institution of the WU Medical Center. The service, located on the second floor of the hospital at 400 S. Kingshighway, will be open from 9 a.m. to noon on Thursdays.

Many area pediatricians and gynecologists need the special services of the new center, said its director, Diane F. Merritt, M.D., instructor of obstetrics and gynecology at WU School of Medicine. Merritt also is on staff at Barnes, Children's and Jewish hospitals.

"Frequently, pediatricians are frustrated when they encounter a child with gynecological problems," said Merritt. "They feel unable to treat the child. In return, gynecologists who treat adults feel unable to relate to children, particularly in such situations as a pelvic exam. It's

an uncomfortable situation for everyone involved. My hope is that the center, with its trained staff, will alleviate such problems."

The service will help children with genital birth defects, infections, and complications with puberty, as well as those who have been sexually abused or need contraceptive counseling but have complications because of chronic health conditions such as heart disease or cystic fibrosis. Patients must be referred by their private physicians.

Merritt — who combined an obstetrics and gynecology specialty with work in pediatrics — has become a consultant on pediatric gynecology to area pediatricians and gynecologists. She lectures on the topic, and trains residents in properly examining children with gynecological problems. The clinic is a result of the positive response she has received from patients, their parents and her colleagues.

Merritt's staff at Children's Hospital includes Caryl Leistner, R.N., and residents from both pediatrics and gynecology.

Schwartz is federation president

Benjamin D. Schwartz, M.D., Ph.D., associate professor of medicine and of microbiology and immunology at WU's School of Medicine, is the new president of the American Federation for Clinical Research (AFCR).

The AFCR is the largest organization in the world for clinical researchers, with a membership of more than 12,000 highly trained medical scientists who study human biology and disease. It was founded in 1942 as a forum for young investi-

gators to present research results, but has since expanded its activities to include advocating support for clinical research, training clinical investigators and promoting clinical research as a career.

Schwartz is also an investigator for the Howard Hughes Medical Institute at the WU School of Medicine. He joined the faculty in 1976 as an assistant professor, and was named a full professor in 1984. He is on staff at Barnes and Jewish hospitals.

MEDICAL RECORD



Awareness Week. Monica Stuesse (left), occupational therapist at the Irene Walter Johnson Rehabilitation Institute (IWJ), demonstrates a communications device used by the disabled to LPN Florida Ross. IWJ occupational therapists sponsored an Occupational Therapy Awareness Week recently providing literature and demonstrations for medical center employees and visitors.

Robert Hickok promoted

Robert J. Hickok, assistant vice chancellor for medical affairs, has been promoted to chief facilities officer and assistant dean at WU's School of Medicine. He will continue to serve as assistant vice chancellor.

Announcement of the promotion was made by M. Kenton King, dean of the School of Medicine, and by Samuel B. Guze, vice chancellor for medical affairs.

For his new position, Hickok will report directly to Dean King. He will manage space, construction, parking, vanpooling, telecommunications, leasing of Queeny Tower offices, and the medical school post office, and assume line responsibility for the school's physical and power plants.

He will continue to report to Guze on matters relating to the Medical Center, the center's redevelopment corporation, other corporations within the medical center, the Board of Trustees, and organizations outside the medical center.

Hickok joined the School of Medicine in 1971 as an administrative assistant to the vice chancellor and was promoted to assistant vice chancellor for medical affairs in 1972. As assistant professor, he teaches courses for the Program in Health Administration and other programs at the school.

Cancer research grant awarded by ACS

WU scientists conducting cancer research can apply now for up to \$7,500 in funding for a one-year period.

Funds are being allocated through a \$50,000 Institutional Research Grant awarded to WU by the American Cancer Society to help finance promising new cancer research projects by junior investigators. This is the 31st time the society has awarded the grant to the University, which is considered a major center for cancer research.

The committee responsible for allocating funds is chosen by Chan-

cellor William H. Danforth and currently is chaired by David W. Scharp, M.D., associate professor of surgery. Scharp is on staff at Barnes and Children's hospitals, sponsoring institutions for the WU Medical Center.

Although researchers throughout the University are eligible to apply for the funding, most recipients have come from the medical school. Many have received additional funding for their projects from the American Cancer Society.

For more information, contact Scharp at 362-7756.

MIR begins study on breast cancer

A three-year study of how the latest in medical technology can be used to detect the early stages of breast cancer has been funded at Mallinckrodt Institute of Radiology (MIR) and WU's School of Medicine.

The \$309,547 grant from the National Institutes of Health (NIH) will evaluate the use of magnetic resonance (MR) imaging in the detection of breast cancer. Two hundred women will receive MR examinations as part of the study. Breast cancer strikes more than 112,000 women annually in the U.S.

MR imaging uses short wave radio signals and sophisticated computer technology to determine the appearance and makeup of body tissue and structures.

John Gohagan, Ph.D. associate professor of preventive medicine and of engineering and applied science, will collaborate on the project with both Robert G. Levitt, M.D., associate professor of radiology, who will be the primary MR image interpreter, and William A. Murphy, M.D. of radiology.

It is anticipated that this study will demonstrate that MR aids doctors' ability to detect breast cancer in its early stages and will determine what additional diagnostic information MR will provide to complement that provided by mammography.

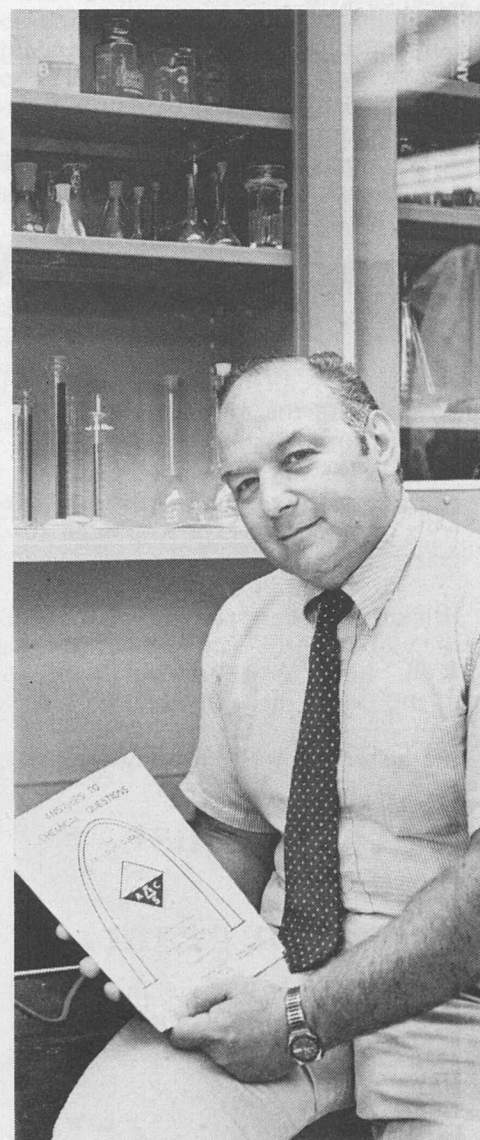
Chemical guide lists experts

Three local researchers have compiled a public service directory that lists St. Louis area experts who can answer questions about chemicals.

"Answers to Chemical Questions: The St. Louis Guide," has been produced by Frederick Sweet, Ph.D., professor of obstetrics and gynecology at the School of Medicine; David L. Garin, Ph.D., associate professor of chemistry at the University of Missouri-St. Louis; and Ernest Mayer, research chemist at Monsanto Chemical Co. The service is the first of its kind in the U.S., and is sponsored by the St. Louis section of the American Chemical Society.

The guide is available to government officials, reporters, disaster and emergency response personnel, university chemistry departments and libraries. It lists the names and telephone numbers of more than 100 area experts who can answer questions about health, agriculture, environmental safety, and industrial and consumer chemicals, as well as miscellaneous topics such as crime scene investigations, planetary astronomy and biology. The guide also lists the names and telephone numbers of three information brokers who maintain extensive files and can assist in locating experts to answer complicated questions.

Further information about the guide is available through Sweet at 362-3174 or Garin at 553-5349.



Frederick Sweet, Ph.D., co-producer of the chemical guide.

NOTABLES

Kathryn Atchison, adjunct assistant professor of oral diagnosis and radiology at the School of Dental Medicine, has been awarded a two-year fellowship by the Robert Wood Johnson Foundation for study at the UCLA Medical Center in Los Angeles. The program is for dental faculty members to study the financing, organization and delivery of dental health services in the United States.

William H. Butterfield, associate professor of social work, attended a conference titled "Information Technology and Social Work Practice" June 9-12 at the Wye Plantation, Queenstown, Md. Participants discussed the use of computers during the next 20 years in the social work field.

Joe Carenza, head soccer coach, has been appointed to the staff of the United States Soccer Federation. As a coaching staff member, Carenza will participate in the licensing schools for the B and C courses for soccer coaches.

Adolph I. Cohen, professor of anatomy and neurobiology and of ophthalmology at the School of Medicine, has received the 1984 Proctor Award from the Association for Research in Vision and Ophthalmology (ARVO). The award is presented annually to recognize a researcher for contributions to visual science and ophthalmology. Cohen specializes in photoreceptor structure and biochemistry research. He is the second WU faculty member to receive the Proctor Award. **Bernard Becker**, professor and head of the Department of Ophthalmology was the 1980 recipient.

Samir K. El-Mofty, associate professor of pathology at the School of Dental Medicine, was recently granted fellowship status in the American Academy of Oral Pathology.

Larry Eugene Fields, a cardiology fellow in the Department of Medicine, is one of eight minority physicians in the nation selected to be one of the first fellows in the Robert Wood Johnson Foundation's Minority Medical Faculty Development Program. The program provides grants to qualified minority physicians who choose to pursue full-time academic careers in medical science.

Marc Gluckman, a senior from Sycamore, Ill., and WU's star pitcher, has been named to the 1984 NCAA Division III All-American Second Team, a selection made by the American Association of Collegiate Baseball Coaches. Gluckman was picked for the first team in the Midwest Region. Bears' shortstop **Jim Crisanti**, a junior from Pittsburgh, was chosen for the second team in the Midwest region.

Larry Goering has been named assistant director of Educational Computing Services. In his new position, he will handle academic planning, documentation, publications and consulting problems. Goering has been a full-time member of the staff since 1981.

Rebecca Haidt, a student in the College of Arts and Sciences, has been named a Fulbright Fellow in the Humanities for 1984-85. Haidt will be traveling to Mexico in September to conduct her research.

Martin C. Herbert has joined WU's Center for the Study of Data Processing as a senior associate. He will instruct seminars and coordinate other professional development activities. He formerly was director of mathematics research and evaluation studies at McRel, formerly CEMREL Inc.

John Hochstein has been named assistant professor of mechanical engineering. Hochstein is moving to WU from the University of Akron, and his interests lie in fluid mechanics and heat transfer.

Ann L. Hogan, formerly a coordinator in the Correspondence Center, has been promoted to the supervisor of the center. Hogan began as a correspondence secretary in 1980. Hogan will be responsible for the daily operations of the center.

Barry J. Lyons and **Robert A. Paolino**, recent graduates of the College of Arts and Sciences, have received Herbert H. Lehman Graduate Fellowships in the Social Sciences and Public and International Affairs from the New York State Education Department. They were selected from 215 candidates, 30 of which received fellowships. The fellowships were established in 1966 by the New York legislature in honor of their former governor. They are given to outstanding college graduates throughout the United States who plan to pursue graduate study next fall at a New York college or university.

Robert C. Maher, a recent graduate from the School of Engineering and Applied Science, has been awarded a graduate fellowship from the National Science Foundation (NSF). The fellowship provides a maximum tenure of three years. Maher plans to pursue his graduate work in electrical engineering at the University of Wisconsin, Madison.

Allen F. Martin, assistant vice chancellor for alumni and development, recently was elected to a one-year term as president of the Rotary Club of St. Louis. The Rotary is a service club of more than 480 business and professional leaders in the St. Louis community.

Howard Nemerov, Edward Mallinckrodt Distinguished University Professor of English, gave the commencement address at Bennington College in Vermont on June 15. Nemerov taught at Bennington College for nearly 20 years beginning in 1948.

Rita E. Numerof, assistant professor of social work, participated in a "Working Woman's Workshop" in May sponsored by the St. Louis chapter of Women in Communications Inc. She spoke on "Job Burnout, Stress Symptoms and Solutions." Serving as a visiting professor at Baylor University, Numerof addressed the Academy of Health Sciences on June 8 at Houston, Texas. She spoke on "Job Stress in Health Organizations." Her lecture was sponsored by Baylor University and the U.S. Army.

F. Hodge O'Neal, dean of the School of Law and George Alexander Madill Professor of Law addressed the Association of American Law Schools on July 20 in Washington, D.C.

O'Neal spoke on "The Importance of Scholarship and How to Do it Effectively."

Nicola Partidge, a postdoctoral fellow in the School of Dental Medicine, recently was offered an International Research Fellowship from the Fogarty International Center of the National Institutes of Health. Because she has accepted another fellowship from her native Australia, Partidge will decline the Fogarty award.

Silvia Pedraza-Bailey, assistant professor of sociology, recently was named to a task force of the Midwest Sociological Society to study the special problems of women and minority scholars in the profession.

Robert L. Pierce, assistant professor of social work, will present a paper, "Race as a Factor in Child Sexual Abuse," at the Second National Family Violence Research Conference Aug. 7-10 at the University of New Hampshire. The conference is sponsored by the university's Family Violence Research Program and Department of Sociology.

Susan M. Plattner, manager of the Correspondence Center, has been promoted to assistant director of office automation in the Department of Computer Services. She will oversee the management of the Correspondence Center. Plattner has worked for WU since 1974.

Tim Ryan, a graduate student in mechanical engineering, received second place in the 1984 Robert L. Lichten Competition of the American Helicopter Society for authoring one of the best papers on helicopter theory in the nation, according to the society's criteria.

Shirley A. Sahrman, assistant professor of neurology; **Paul S. G. Stein**, associate professor of biology; and **Steven J. Rose**, associate professor of physical therapy and director of the Physical Therapy Program, participated in a colloquium on issues related to dance kinesiology, biomechanics and injury prevention June 29-30 at WU. The event was sponsored by WU's Performing Arts Area and Physical Therapy Program, and Sports/Dance/Fitness Educational Projects Inc. **Marianne Battistone**, instructor in anatomy-kinesiology for dance in WU's Dance Theatre Central, coordinated the program, which also was a planning forum for a national conference to be held next spring at the University of Florida.

Robert Salisbury, professor of political science, has been invited by the National Academy of Sciences' American Council of Learned Societies to visit six universities in China for three weeks in October with a group of American scholars. Salisbury is the only American political scientist in the group. Their objective will be to help the Chinese improve their American studies programs.

Thomas Schiff, assistant professor of oral diagnosis and radiology in the School of Dental Medicine, was recently elected an active member of the American Academy of Dental Radiology.

Kenneth A. Shepsle, professor of political science, will take a sabbatical leave in 1984-85 to conduct research at Stanford University on his mathematical model of political institutions. He will be taking up residency in the Center for Advanced Study in the Behavioral Sciences.

Eugene B. Shultz Jr., professor of engineering and applied science, recently was appointed to the Advisory Committee on Technological Innovation of the National Research Council (NRC). "Shultz was selected because of his fine work in alternative energy, appropriate technology, the analysis of technological innovation and novel crops for food, fuel and chemicals," said Noel D. Vietmeyer, professional associate of the NRC's Office of International Affairs.

Martin Silverman, a researcher at the Central Institute for the Deaf and an assistant professor of anatomy and neurobiology and of physiology, has received \$25,000 as one of 90 recipients of a Sloan Research Fellowship. Silverman's research focuses on how the brain processes sensory information. The fellowships have been presented since 1955 by the Alfred P. Sloan Foundation to researchers in science and economics who show great promise of doing original work in their fields.

Rejoice Sithole, a sociology graduate from Durban, South Africa, participated in the 48th Annual Meetings of the Midwest Sociological Society held in Chicago, Ill., April 19-21. She presented a paper at the session on "Alcohol Use and Abuse," titled "The Shebeens and the Changing Drinking Patterns Among Blacks in South Africa."

Louis M. Smith, professor of education, was honored at the Third Annual Dinner of the Solomon Schechter Day School on May 20. The Jewish day school opened three years ago as a kindergarten and first-grade school through the efforts of the parents and rabbis of three conservative Jewish congregations in St. Louis. Eventually the school will expand to the sixth-grade level. Smith was the first chairman of the academic advisory board of the school.

Richard J. Smith has been appointed chair of the Department of Orthodontics and professor of orthodontics at the School of Dental Medicine. Smith has been associate professor of orthodontics and director of the postgraduate orthodontics program at the University of Maryland Dental School since 1979.

Monika E. Strong, associate professor of dental sciences, will co-author the English-language edition of the book, "Life-Threatening Emergencies in the Dental Office." The English-language edition of the book will be published by Piccin Nuova Libreria of Padova, Italy, and Ishiyaku Euro-America Inc. of St. Louis and Tokyo. Copies of the book will be available by October or November 1984.

Robert G. Thompson, assistant dean for clinical services in the School of Dental Medicine, has been named administrative chairperson of the Department of Operative Dentistry on a temporary basis.

CALENDAR

Aug. 2-Sept. 8



Marionettes. Daniel Llords and his puppets will entertain audiences at Edison Theatre this September in a program titled "Marionettes and Music for Adults." Tickets are already on sale at the Edison Theatre box office. Llords combines live actors and mime with his various puppet techniques. For more information, call the box office at 889-6543.

PAA play auditions slated

The Performing Arts Area will hold auditions Tuesday and Wednesday, Aug. 28-29, to cast three plays scheduled for production in the 1984-85 season. Auditions will take place between 7 and 11 p.m. in the Drama Studio, Room 208, Mallinckrodt Center on campus.

Approximately 50 parts are available to both men and women. The productions are: "I Want To Be

Loved By You," a musical review of romance, written and directed by WU student Janet Metz, to be performed Oct. 5-7; "The Threepenny Opera," Bertolt Brecht and Kurt Weill's raucous blend of politics, jazz and sex, scheduled for Oct. 19-20 and 26-27; and "Swan Song," winner of the 1984 St. Louis Playwright's Festival, the drama of a Jewish ballet dancer and Nazi commandant, written by WU graduate student Dean Mendell, to be presented Nov. 16-18.

For more information, call the Performing Arts Area at 889-5858.

Allergies—*continued from p. 1*

Even though recent medical advances have put the vague psychosomatic label in an unfavorable light, the psychosomatic diagnosis persisted in the field of allergy treatment for a number of reasons.

"Nobody's ever died from a runny nose, and that's a shame," says Wedner, editor of *Allergy: Theory and Practice* (Grune and Stratton). "It's a shame in the sense that the severity of the illness has a lot to do with people's perception of danger. If you say, 'I think I have cancer,' no doctor is going to say it's all in your mind. And yet, when you say, 'My nose is running so bad that I can't do my job,' it's easy for the doctor to say, 'But your leg isn't broken, your heart works well. You're not sick. It's all in your head.'"

With new techniques and advanced technology, scientists studying allergies are offering new hope for allergy sufferers. There may soon be a way to chemically switch off the IgE response that causes allergic reaction. More effective drugs, virtually free of bothersome side effects like drowsiness, are being developed to

relieve allergic symptoms.

The hit-and-miss style of allergy testing is constantly moving towards a precise science, and applicable literature like Lewis' book will help those administering immunological injections to choose the right injection for the job.

Paul Dusseault

EST—*continued from p. 2*

administer first aid, then send the patient to the hospital in a private car instead of calling an ambulance."

"What's really impressed me is their calm and professional manner," says Lorie Miskel, scheduling coordinator. This year, Miskel witnessed the EST in action when a student began suffering severe abdominal pains. "The EST arrived promptly, assessed the situation, discussed their options, and just generally handled the emergency," she says. "They really seem to know what they are doing."

Thursday, August 30

11 a.m. Personal Computing Education Center Short Course, "Introduction to Computing Facilities." Free to WU community. To register and for location, call 889-5813.

Saturday, Sept. 8

9 a.m.-noon. Personal Computing Education Center Short Course, "Using Interactive Computing with MUSIC." Free to WU community. To register and for class location, call 889-5813.

LECTURES

Wednesday, Sept. 5

11 a.m. Assembly Series Lecture with Maurice Sendak, author of *Where the Wild Things Are*, and winner of the Hans Christian Andersen Illustrators Award. Graham Chapel.

EXHIBITIONS

"Greek Vases." Through Aug. 26. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

"100th Anniversary of Huckleberry Finn." Through Aug. 15. Olin Library, third level. Regular library hours.

"Dame Ivy Compton-Burnett: A Centennial Exhibit." Through Sept. 15. Olin Library, 5th level, Special Collections, 8:30 a.m.-5 p.m. weekdays.

"Exhibits from the Gallery of Arts' 19th and 20th-Century Permanent Collections." Through Sept. 23. Gallery of Art, upper and lower galleries. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

MUSIC

Saturday, Sept. 1

10 a.m.-12:30 p.m. Auditions for Football Band. Tietjens Hall.

Wednesday, Sept. 5

4-6 p.m. Auditions for Symphonic Winds. Tietjens Hall. (Also Thurs., Sept. 6, same time, Tietjens.) To schedule an audition time, call 889-5581.

Saturday, Sept. 8

10:30 a.m.-noon. First Rehearsal of the Football Band. Tietjens Hall.

SPORTS

Monday, Sept. 3

1 p.m. Soccer, WU vs. Creighton U. Francis Field.

Saturday, Sept. 8

1:30 p.m. Soccer, WU vs. U. of Mo.-Rolla. Francis Field.

Calendar Deadline

The deadline to submit items for the Sept. 6-15 calendar of the *Washington University Record* is Aug. 23. 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 1142.

Going your way? Shuttle Service provides day and evening travel

The WU community is on the move, thanks to the Shuttle Service provided by the transportation department.

Both day and evening shuttles run on regular schedules to provide convenience, safety and shopping opportunities to students, faculty, staff and friends of the University.

The purpose of the day shuttle, which has existed for about 17 years, is to transport people safely and punctually between the two WU campuses, said Gary L. Sparks, director of the transportation department.

A free service, the day shuttle runs Monday through Friday throughout the year, except on holidays. Early morning shuttles bound for the medical school campus depart at 7:35 and 7:40 a.m. from two Hilltop campus locations: Brookings Hall and the Monsanto Laboratory, respectively. Commuters traveling from the medical school to the Hilltop campus also can board the shuttle at 7:40 a.m. Vehicles traveling between the two campuses run every 20 minutes with final departures at 5:55 and 6 p.m. from the Hilltop campus and 6:20 p.m. from the medical school campus.

The evening shuttles provide transportation to and from off-campus housing areas and the University. Shuttle service begins and ends at the Mallinckrodt Center and runs during the school year from 6 p.m. to midnight, Sunday through Friday.

Each half hour, the evening shuttle travels to one of three major off-campus housing areas: the Delmar

Loop area, the DeMun neighborhood and the medical school campus. The shuttle will drop off passengers anywhere on the routes, which feature a number of stores and shops, and will pick up passengers at any corner — providing they "hail" the bus.

The last evening shuttle to run, dubbed "The Last Chance," departs Mallinckrodt at midnight and, upon request, will travel anywhere on the three runs.

Any changes in schedules due to vehicle, driver or weather problems are posted in the lobby of Mallinckrodt and reported to the campus police, said Sparks, who initiated the evening operation and has been improving the entire shuttle system ever since.

A stepchild of the Shuttle Service, the Escort Service, is currently in its fourth year of operation as a security measure for students traveling the Hilltop campus in the evenings. The service, partially funded by student activities fees, runs from 6 p.m. to 1 a.m. seven days a week during the school year, and is available to anyone who telephones to request transportation to and from on-campus housing and facilities.

Sparks said that in the past, shuttle service has been provided to WU students' families who visit the campus and stay at the Chase-Park Plaza or the Forest Park hotels in the Central West End. Special arrangements can be made by contacting the bellman at either hotel or by calling the transportation department at 889-5601.