

Washington University School of Medicine

Digital Commons@Becker

Washington University Record

Washington University Publications

8-3-1989

Washington University Record, August 3, 1989

Follow this and additional works at: <https://digitalcommons.wustl.edu/record>

Recommended Citation

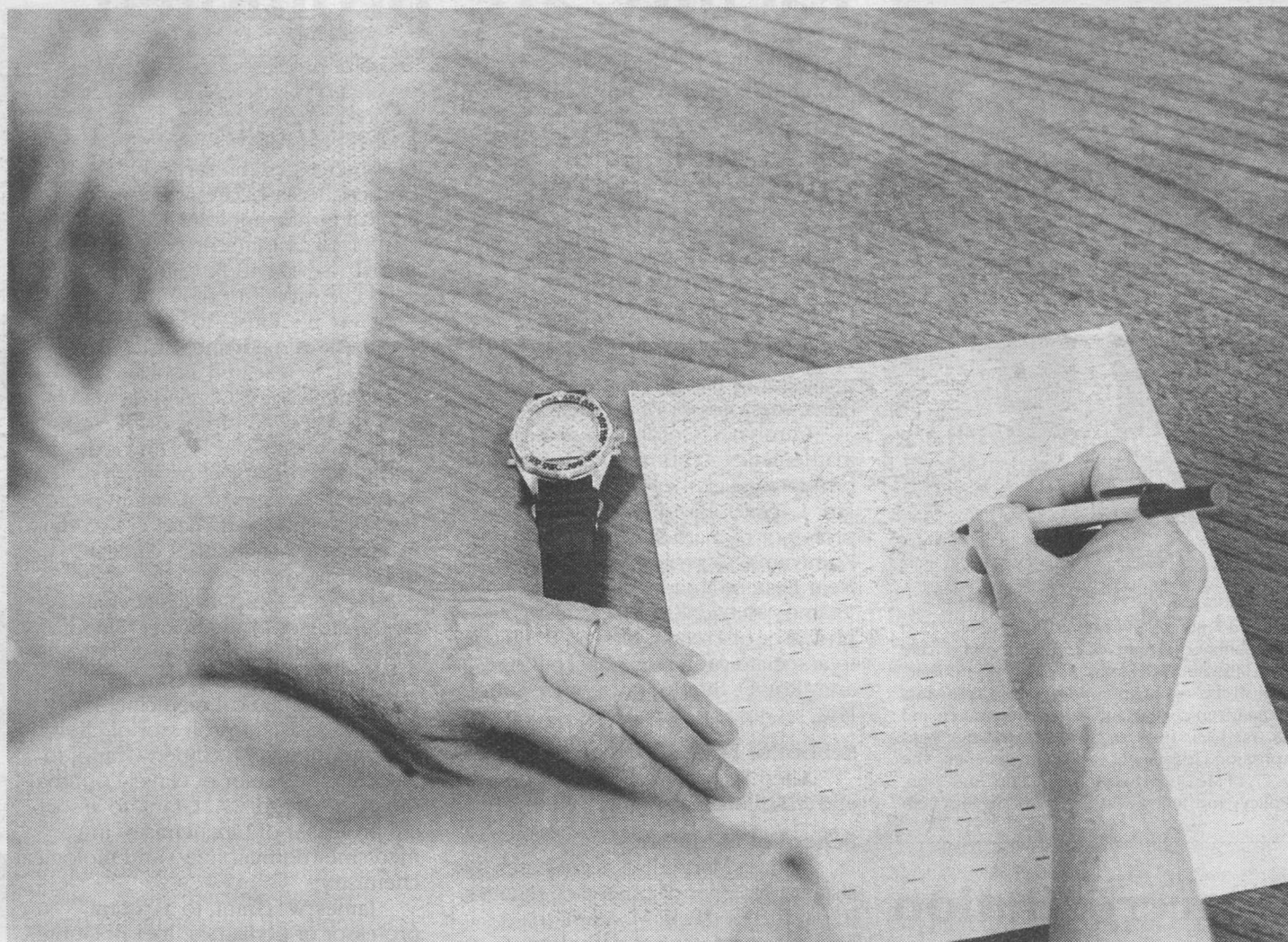
Washington University Record, August 3, 1989. Bernard Becker Medical Library Archives.
<https://digitalcommons.wustl.edu/record/485>.

This Article is brought to you for free and open access by the Washington University Publications at Digital Commons@Becker. It has been accepted for inclusion in Washington University Record by an authorized administrator of Digital Commons@Becker. For more information, please contact vanam@wustl.edu.

RECORD

Washington
WASHINGTON · UNIVERSITY · IN · ST · LOUIS

Vol. 13 No. 35/Aug. 3, 1989



Smokers had the lowest "speed of response" when taking the test pictured above. It involved crossing vertical lines over 96 horizontal lines as fast as possible.

Slow-down

Smokers show 'clear disadvantage' in speeded motor tasks

Smoking can affect your physical health — that's something nearly everyone knows today. But its effects might reach even further, into the areas of thinking and reasoning, according to research done at Washington University.

Robert D. Hill, Ph.D., a psychologist who did postdoctoral work at the University, found that older adults who have smoked 10 or more years, are at a disadvantage at speeded motor tasks, compared to non-smokers and ex-smokers. His findings were reported in the July issue of the journal *Psychology and Aging*.

"We know that the effects of nicotine on younger people actually enhance performance," says Hill. "That's pretty clear. Nicotine facilitates attention and vigilance. But over the long haul, nicotine and other materials may detract from cognitive function."

Studies done at the University of Reading in England have shown that injections of nicotine — a central nervous system stimulant — enhance attention. Whether that happens with smoking is unclear, says Hill, an assistant professor of educational psychology at the University of Utah. His study dealt with the residual effects of long-term smoking.

Martha Storandt, Ph.D., a professor of psychology at Washington, was Hill's adviser. "We've all been told over the years about the bad health effects of smoking," she says. "Here's an example where it may also be affecting our behavior. We all want to keep our wits about us as we grow old. One step toward that may be to follow good health practices throughout life."

Hill used 76 healthy volunteers from Washington University's Memory and Aging Project for the study. The average age was 71 years old. Fifty-three were non-smokers, 11 smoked at least a pack a day and 12 had quit smoking for at least a year.

Researchers conducted a battery of tests over a two-hour period measuring psychomotor speed,

memory, attention span, perception, language production and problem solving. Smokers showed "a clear and substantial disadvantage in tests that required speed and accuracy," says Hill.

The tasks used in the study included a test consisting of a row of numbers with symbols above them. Under that was a box of numbers with no symbols. Participants had 90 seconds to reproduce the symbols above the numbers.

"We've all been told over the years about the bad health effects of smoking. Here's an example where it may also be affecting our behavior."

— Martha Storandt

Smokers, on average, got about 43 percent of the digit-symbols correct. The mean score for non- and ex-smokers was about 51 percent and 53 percent, respectively.

Another test involved crossing vertical lines over 96 horizontal lines as fast as possible. Researchers added the number of lines a participant crossed, divided that by how many seconds it took the volunteer to do so, and multiplied the number by 100 to arrive at what they called "speed of response."

Smokers had the lowest speed of response — 140. Non-smokers' and former smokers' average scores were approximately 180. "For smokers, we saw a slow-down of the connection between thinking and doing," says Emily LaBarge, a psychometrician and research associate at the Memory and Aging Project who gave and scored the

tests. "Smokers were slower on these tests." And, she points out, "their lungs weren't involved."

Rita Emmerson, a research psychiatrist, says Hill's study points up what some researchers have known intuitively all along: Growing old doesn't necessarily entail poor memory and loss of intellectual capacity. "We're only beginning to understand how health-related behaviors affect the quality of life during aging. The kind of research that Bob Hill is doing will enable us to understand this process better." Emmerson is associate director of the Neuropsychology Research Laboratory at the Veterans Administration Medical Center in Salt Lake City.

Both Hill and Storandt note that one of the limitations of the study was its small size. "No one has ever looked at older people who smoked for a long period of time and over a range of tasks," says Hill. "But one problem has been finding those people, because those who have smoked for so long often become sick and thus don't qualify for the study."

In his article, Hill says that the role of nicotine was not specifically addressed. "It is likely, however, that health-related properties associated with smoking status may have contributed to the cognitive declines seen in this study. For example, smoking has been shown to significantly decrease lung volume, obstruct airways, and generally lower overall pulmonary function leading to anoxia in older adults." Anoxia is a deficiency of oxygen reaching body tissues, resulting in permanent damage.

Because the long-time smokers in Hill's study were disease-free, he believes it is likely that they were more resistant to physical or cognitive decline than the general smoking population. He suggests that decrements in speeded performance may be more evident in less hardy smokers.

Hill intends to continue working with older smokers, investigating

Continued on p. 4

Loevinger's work on ego development is symposium topic

The contributions of Jane Loevinger, Ph.D., who designed the classic Sentence Completion Test for measuring personality development, will be the subject of a symposium at the American Psychological Association meeting in New Orleans, August 11-15.

Loevinger, the William R. Stuckenberg Professor Emerita of Human Values and Morality at Washington University, also will give an address on her work during the gathering. The title of her talk is "Measurement of Ego Development: Quantification Strategy and Empirical Results."

Loevinger refined the Sentence Completion Test over a period of 25 years, starting in the 1960s. It evolved from an instrument written just for women to one designed to be useful "for all kinds of people in all kinds of circumstances," she says.

The test has had wide applications in clinical and cross-cultural studies. It has been translated into foreign languages ranging from Norwegian to Vietnamese. And Loevinger has seen her intent to make the test applicable to "all kinds of people" fulfilled: Even in such diverse cultures, the test has proven reliable.

The Sentence Completion Test measures development by showing how the words people use can be read as clues to personality.

Specifically, the test consists of 36 sentence "stems," or fragments, that participants are asked to complete. Fragments might say, for example, "Most men think that women..." or "If my mother..." A person taking the test completes the sentence any way he or she chooses. Trained scorers evaluate the tests. Learning how to score them, Loevinger says, can take a couple of months.

The answer to each stem is given a rating on a scale of stages ranging from "impulsive" at the lower end to "integrated" at the top. Loevinger notes that most adults fall somewhere in the middle. Americans, she says, tend to be somewhere between the "conformist" and "conscientious" stages.

The conformists see things in stereotypes, says Loevinger, and think people ought to conform to stereotypes. Their means of describing emotion are banal. The conscientious stage is represented by persons who are aware of individual differences, who see patterns of behavior and who are able to express finer shadings of emotion. Where the conformist is likely to adhere rigidly to rules, the conscientious individual is more likely to go by his or her own standards.

Although the test has been revised over the years, the scoring manual published in 1970 has not. And that,

Continued on p. 2



Jane Loevinger



Making inroads: A group of 57 minority high school students are on campus through Aug. 11 to attend the INROADS/Washington University Pre-College Summer Institute. The students, who have completed their junior year in high school, attend schools in Missouri and Illinois. As part of the institute, which began July 10, the students are taking math and English classes taught by Washington instructors and receiving college credit. They also are attending seminars on college and career preparation and receiving computer instruction. Above, Kendra Wade (far left), 16, a student at Incarnate Word Academy, expresses her views during an English composition class taught by Teresa Sweeney. The other students pictured are (from left): Shaunelle Curry, 17, of McCluer High School; Zepel Anderson, 17, of the Center for Management, Law and Public Policy; and Jenny Waugh, 17, of St. Elizabeth Academy. Sweeney is at the far right.

Art gallery receives accreditation

The Washington University Gallery of Art, cited as "a university art museum at its best," has received accreditation from the American Association of Museums (AAM).

In its report, the AAM noted that the gallery added "substantially to the richness of the cultural life of both the university and St. Louis."

"Many of the (exhibits in the University's gallery) can be described as art historical in the best sense," states the text of the accreditation committee's report. "That is, they treat fresh and exceptionally interesting topics often suggested by scholarly research. The results frequently reveal new aspects of the theme or bring works together in unexpected and enriching combinations."

Accreditation by the AAM, a national organization that has served the museum profession for more than 80 years, certifies that the museum operates according to standards set forth by the museum profession, manages its collections responsibly and provides quality service to the public. Only 680 museums of a nationwide total of 6,000 have received accreditation.

"After working several years on the accreditation process, I am proud that the Gallery of Art has received the

endorsement and recognition of the AAM for pursuing the highest professional standards," says Joseph D. Ketner II, gallery director.

The gallery received national attention in 1985 with the exhibit "Jean Dubuffet: Forty Years of His Art," the last retrospective before the artist's death that same year. "Paris in Japan: The Japanese Encounter With European Painting" put the gallery in the national spotlight again in 1987. The show featured 75 Impressionist oil paintings, never before seen in the United States, by Japanese artists who were influenced by Western-style oil painting.

This past academic year the gallery broke previous attendance records. The next exhibition season will be inaugurated Sept. 22 with a special collection of master drawings from the Nelson-Atkins Museum in Kansas City. Washington University's Gallery of Art will be the only venue for the drawings, which will include works by Dürer, Rembrandt and Degas.

In addition to special exhibitions, the gallery always displays selections from the permanent collection, which includes works by Pablo Picasso, Henri Matisse, Jackson Pollock, Willem de Kooning, Frederick E. Church and Thomas Cole.

Loevinger — *continued from p. 1*

says Loevinger, is now the task at hand. She is working with a colleague, Le Xuan Hy, Ph.D., to revise the scoring manual. Hy is a visiting assistant professor of psychology at Washington University.

Stuart T. Hauser, associate professor of psychiatry at Harvard Medical School, has been using the test to study the development of adolescents and young adults. Hauser, one of four speakers at the symposium honoring Loevinger's work, also is looking at the connection between ego development and the course of diabetes.

Says Hauser, "Jane Loevinger, through years of innovative, painstaking, scholarly and scientific effort has constructed a way of tapping individual ego development relevant to clinical and developmental psychologists. This is an especially significant

feat. Rarely do we have an instrument psychometrically rigorous, clinically sensitive and theoretically meaningful. It is the achievement of this integration above all that characterizes her lasting contribution."

Michael D'Andrea, a faculty member of Vanderbilt University in human development counseling and a research associate and community service coordinator with Meharry Medical College in Nashville, calls Loevinger "one of the most important developmental psychologists of this century. Her research has gained international respect. And most importantly for the mental health profession, her work provides a basis from which more effective forms of intervention might be developed to promote healthy development of individuals across the life span."

Faculty are promoted

The following faculty received promotions effective July 1, 1989, unless otherwise noted.

Hilltop Campus

*David A. Balota, to associate professor of psychology; *Michael Beckerman, to associate professor of music; *Gerald L. Early, to associate professor of English (also African and Afro-American studies); *Steven M. Fazzari, to associate professor of economics; Cornell H. Fleischer, to professor of history; Patrick C. Gibbons, to professor of physics;

Carolyn S. Gordon, to professor of mathematics; *Thomas G. Harmon, to professor of civil engineering (effective Jan. 1, 1989); Bjorn D. Jawerth, to professor of mathematics; Tamie Kamiyama, to professor of Asian & Near Eastern languages & literatures; *Stamos Metzidakis, to associate professor of French; Morton P. Pincus, to associate professor of accounting; and *Roy D. Simon Jr., to professor of law.

School of Dental Medicine

Allen Sclaroff, to professor of oral and maxillofacial surgery.

School of Medicine

Andrea Mary Allan, to research assistant professor of pharmacogenetics in psychiatry; *Paul M. Allen, to associate professor of pathology; Dorothy P. Andriole, to assistant professor of surgery (general surgery); Neva P. Arribas, to associate professor of clinical ophthalmology; Janet M. Balota, to assistant professor of otolaryngology; *Steven R. Bergmann, to associate professor of medicine;

Kevin D. Breault, to research

*Promotion with tenure

assistant professor of sociology in psychiatry; Garrett M. Brodeur, to associate professor of genetics; Michael L. Brunt, to assistant professor of surgery (general surgery); Dean B. Burgess, to associate professor of clinical ophthalmology; Charles E. Cantor, to assistant professor of pediatrics; *David B. Clifford, to associate professor of neurology;

*Ray E. Clouse, to associate professor of medicine; Bruce A. Crosson, to research associate professor of neurology; Octavio de Marchena, to associate professor of clinical neurology; Stephen H. Dinwiddie, to assistant professor of psychiatry; Wayne C. Drevets, to assistant professor of psychiatry; Richard F. Escoffery, to associate professor of clinical ophthalmology;

David A. Ford, to research assistant professor of medicine; *Deborah J. Gersell, to associate professor of pathology; David A. Goran, to assistant professor of clinical medicine; Barry A. Graff, to assistant professor of clinical anesthesiology; M. Gilbert Grand, to associate professor of clinical ophthalmology; *Gregory A. Grant, to associate professor of biochemistry in medicine (dermatology) and biological chemistry;

James W. Grant, to assistant professor of pediatrics; Joel B. Gunter, to assistant professor of anesthesiology; *Fernando R. Gutierrez, to associate professor of radiology; *L. Lee Hamm III, to associate professor of medicine; Marc R. Hammerman, to professor of medicine; Douglas W. Hanto, to associate professor of surgery (general surgery);

Continued on p. 4

Faculty receive tenure

The following faculty have been granted tenure or appointed with tenure on the Hilltop, Medical and Dental School campuses.

Granting of tenure

Palmer O. Bessey, as associate professor of surgery (general surgery), effective Oct. 7, 1988; Garrett M. Brodeur, as associate professor of pediatrics, effective March 17, 1989; Thomas B. Ferguson, as professor of surgery (cardiothoracic surgery), effective Oct. 7, 1988; George A. Gates, as professor of otolaryngology, effective Oct. 7, 1988; Norris J. Lacy, as professor of French, effective Oct. 7, 1988; Christopher J. Lingle, as associate professor of anesthesiology, effective July 1, 1989; Michael I. Miller, as associate professor of electrical engineering, effective July 1, 1989;

Herbert Neuberger, as associate professor of physics, effective Oct. 7, 1988; Charles L. Roper, as professor of surgery (cardiothoracic surgery), effective Oct. 7, 1988; Steven M. Rothman, as associate professor of pediatrics and of neurology, effective Oct. 7, 1988; John W. Turk, as associate professor of medicine, effective July 1, 1989; Jonathan S. Turner, as associate professor of computer science, effective July 1, 1988; and Paul F. White, as professor of anesthesiology, effective Oct. 7, 1988.

Appointment with tenure

Gary Keith Ackers, as professor of biological chemistry, effective July 1, 1989; Christopher I. Byrnes, as professor of systems and controls, effective July 1, 1989; Joe Deal, as professor of fine arts, effective Aug. 15, 1989; Louis P. Dehner, as professor of pathology, effective July 1, 1989; Helen Donis-Keller, as professor of genetics, effective May 12, 1989; Philip H. Dybvig, as John E. Simon Professor of

Finance and Economics, effective Jan. 1, 1989;

James R. Harris, as associate professor of architecture, effective July 1, 1989; Thomas S. Kupper, as associate professor of medicine, effective July 1, 1989; Maria Ines Lagos-Pope, as associate professor of Spanish, effective July 1, 1988; William F. P. Malone, as professor of restorative dentistry, effective Aug. 1, 1988; Steven C. Ward, as associate professor of anatomy, effective Jan. 1, 1989; and Mark R. Wick, as professor of pathology, effective July 1, 1989.

RECORD

Editor: Susan Killenberg, 889-5254, Campus Box 1070; P72245SS at WUVMC

Assistant editor: Jill Weber, 889-5235, Campus Box 1070; P72245JW at WUVMC

Editor, Medical Record: Joni Westerhouse, 362-8257, Medical School Campus Box 8065; C72245JW at WUVMC

Contributing writers: Debby Aronson, Debra Bernardo, Joyce Bono, Tony DiMartino, Gerry Everding, Tony Fitzpatrick, Fran Hooker and Carolyn Sanford

Photographers: Joe Angeles, Tom Heine, David Kilper and Herb Weitman

Record (USPS 600-430; ISSN 1043-0520), Volume 13, Number 35/August 3, 1989. Published weekly during the school year, except school holidays, monthly during June, July and August, by News and Information, Washington University, Box 1070, One Brookings Drive, St. Louis Mo. 63130. Second-class postage paid at St. Louis, Mo.

Address changes and corrections:

Postmaster and non-employees: Send address changes to: Record, Washington University, Box 1070, One Brookings Drive, St. Louis, Mo. 63130.

Hilltop Campus employees: Send to: Personnel Office, Washington University, Box 1184, One Brookings Drive, St. Louis, Mo. 63130.

Medical Campus employees: Send to: Payroll Office, Washington University, Box 8017, 660 S. Euclid, St. Louis, Mo. 63110.

NOTABLES

Tara Bernstein, a junior business major, was the first-place St. Louis area player in the AT&T/Wall Street Collegiate Investment Challenge game. More than 11,000 college students nationwide, including 90 from St. Louis, participated in the four-month investment challenge contest. Bernstein placed 18th nationally.

Merton C. Bernstein, LL.B., Walter D. Coles Professor of Law, and his wife, **Joan Bernstein**, a second-year law student, presented their views on the outlook for programs for the elderly at a plenary session of the annual meeting of the National Council on the Aging, held in New Orleans. Their book, *Social Security: The System That Works*, appeared in paperback in May. Professor Bernstein also talked on "Medical Care in an Aging Society" at a conference sponsored by the University of Houston Health Law Center. His opinion-editorial piece on "Cutting Social Security Benefits Would Undermine Deficit Reduction" appeared in the March/April issue of *Perspectives on Aging*.

Saul Boyarsky, M.D., J.D., professor of urologic surgery at the School of Medicine, spoke to the plenary session of the American Urological Association May 11 on "How to Avoid Personal Liability Suits in Today's Malpractice Climate." At the meeting, he also chaired and moderated the Biomedical Engineering Forum. Topics included a session on "What's New From Japan," which was devoted to technology transfer reports by six urology professors and chairmen from leading universities in Japan.

Kathleen F. Brickey, J.D., George Alexander Madill Professor of Law, presented a paper on the criminal enforcement of laws regulating financial institutions at the Banking Law Institute program on New Compliance and Regulatory Developments for Banks and Thrifts, held in Washington, D.C. She also discussed major developments in corporate criminal liability at the 8th annual Corporate Counsel Institute, sponsored by the House Counsel Committee of The Bar Association of Metropolitan St. Louis.

Bruce A. Crosson, Ph.D., director of the Head Injury Resource Center at the Irene Walter Johnson Institute of Rehabilitation at the School of Medicine, recently presented a workshop, titled "Sucoritical Functions in Cognition and Language," at the annual meeting of the International Neuropsychological Society, held in Vancouver, British Columbia.

Farrokh Dehdashti, M.D., chief resident in nuclear medicine at the School of Medicine's Mallinckrodt Institute of Radiology, has been selected as the first recipient of an annual research grant established by Mallinckrodt Medical Inc. (an operating unit of Mallinckrodt Inc.) to fund promising research programs of outstanding nuclear medicine scientists. Dehdashti will use the \$30,000 award to pursue studies to improve breast tumor diagnosis using Positron Emission Tomography (PET).

Samir K. El-Mofty, D.M.D., Ph.D., professor and chair of the Department of Oral Pathology in the School of Dental Medicine, presented a clinicopathologic conference on sarcoidosis, amyloidosis and lymphoepithelial lesions of the major salivary glands at the annual meeting of the American Academy of Oral Pathology, held in Savannah, Ga.

Mark Frisse, M.D., assistant professor of medicine, Department of Internal

Medicine, was the winner of the first APX (Apple Professional Exchange) Competition. His entry, titled "Retrieving Information From an Interim Medical Dynabook," was judged by industry experts to be the best paper submitted to the Artificial Intelligence category. His paper also won the overall grand prize. Frisse received his award at the annual MacUser Eddy Award banquet, held recently at the Plaza Hotel in New York. He also presented his paper as part of the Macintosh Business Conference & Exposition, held at the Jacob Javits Convention Center. Frisse is co-director of the Institute for Biomedical Computing's Training Program in Medical Informatics.

Dennis Fuller, Ph.D., assistant professor of otolaryngology and director of speech pathology at the Irene Walter Johnson Institute of Rehabilitation at the School of Medicine, was elected president of the Missouri Speech-Language and Hearing Association on May 1. He will serve as vice president elect during 1989-90, president during 1990-91 and vice president of long-range planning during 1991-92. He has served as vice president of legislative affairs for the past two years.

Stanton D. Krauss, J.D., associate professor of law, presented some of his preliminary findings about the history of the American criminal jury at a faculty forum sponsored by the University of Cincinnati law school.

Lucian Krukowski, Ph.D., professor of philosophy, lectured on 19th-century philosophy and modern art to the philosophy department and art school at the University of Massachusetts. His paper, "The Embodiment and Duration of Artworks," recently was published in the *Journal of Aesthetics and Art Criticism*. His review of David Carrier's book *Artwriting* also appeared in that issue. He presented papers at meetings of the American Society of Aesthetics in Asilomar, Calif., and in Philadelphia.

Daniel R. Mandelker, J.S.D., Howard A. Stamper Professor of Law, had his treatise titled *NEPA Law and Litigation* cited by the U.S. Supreme Court in the text of an unanimous opinion written by Justice John Stevens in the case of *Robertson v. Methow Valley Citizens Council*. His article titled "Interim Development Controls in Highway Programs: The Takings Issue" was published in the *Florida State University Journal of Land Use and Environmental Law*. His commentary titled "The Quiet Revolution - Success and Failure" has been published in the spring issue of the *Journal of the American Planning Association*.

G. Leland Melson, M.D., professor of radiology and chief of clinical ultrasound at the School of Medicine's Mallinckrodt Institute of Radiology, was recognized by the St. Louis Metro Area Sonographers for his lifetime commitment of work and dedication to the profession of ultrasound. The sonographers presented him with a plaque.

John C. Morris, M.D., associate director of the Memory and Aging Project, participated as a faculty member in a course, titled "Dementia: Diagnostic and Management Issues," sponsored by the American Academy of Neurology and held recently in Chicago. Morris also presented the lecture, "Washington's University Involvement in Research," to the Seventh Annual Missouri Conference on Alzheimer's Disease and Other Dementias, held in Kansas City. He also discussed "Neurological Aspects of the

Clinical Diagnosis of Dementia" at the Recent Developments in Alzheimer's Disease symposium, held at the University of Pittsburgh.

F. Hodge O'Neal, J.S.D., S.J.D., dean emeritus of the law school and George Alexander Madill Professor of Law Emeritus, spoke at the reunion banquet of the 1953-55 classes of the Walter F. George School of Law at Mercer University in connection with Mercer's Law Day 1989 celebration. He also delivered the commencement address to the graduating class of the Louisiana State Law Center.

Stanley L. Paulson, J.D., Ph.D., professor of law and professor of philosophy, presented papers at and participated in three symposia in France and West Germany. A symposia in Paris, titled "1789 et L'invention de la Constitution," commemorated the 200th anniversary of the French Revolution. The symposium in Lyon was titled "Hobbes et la Loi." The final symposium was in Munster, titled "Metaphysik und Politik."

Donald C. Shreffler, Ph.D., professor of genetics at the School of Medicine, was one of five to receive a distinguished alumni award from the California Institute of Technology on May 20th at the institute's 52nd annual seminar for alumni. Shreffler received his doctorate in biology from the institute in 1962.

Robert B. Thompson, J.D., professor of law, testified before the North Carolina legislature during hearings on a proposed new state Corporations Act. His testimony focused on proposed changes in the current law that would hurt minority shareholders. He also spoke on leveraged buyouts at a University of Missouri-Columbia law school faculty workshop, and he gave a speech on "Involuntary Dissolution of Close Corporations" to the Small Business Section of The Bar Association of Metropolitan St. Louis.

Woman's Club offers memberships

The Woman's Club of Washington University is offering half-price memberships to women newly affiliated with the University for the 1989-90 academic year. The regular yearly membership fee is \$10; newcomers will pay \$5.

The Woman's Club is a social organization that sponsors cultural and educational functions. The club also sponsors an annual Assembly Series lecture in Graham Chapel. This year's lecture will be held at 11 a.m. Nov. 15 and will feature Wendy Wasserstein, a Pulitzer and Tony Award-winning playwright, who authored "The Heidi Chronicles."

Club members are women faculty

Karen L. Tokarz, LL.M., professor of law and director of clinical education, published an article, titled "Pioneers in the Legal Profession: The History of Women State Court Judges in Missouri," in the St. Louis Bar Journal. She testified before the Missouri House of Representatives Judiciary Committee on proposed constitutional amendments relating to judicial selection in Missouri. She also attended the midyear meeting of the Association of American Law Schools Standing Committee on Clinical Legal Education in Washington, D.C.

Robert E. Wiltenburg, Ph.D., adjunct associate professor of English, delivered a paper, titled "The Unnecessary Epic: Milton Re Creation and Fall," at the annual meeting of the Northeast Modern Language Association, held in Wilmington, Del.

V. Leroy Young, M.D., associate professor of plastic and reconstructive surgery at the School of Medicine, is the recipient of the Tiffany Award, given by The American Society for Aesthetic Plastic Surgery to the member who delivers the best scientific presentation at the society's annual meeting. Young was recognized at the society's 22nd annual meeting, held in Orlando, Fla., for his presentation "The Relationship of Retrobulbar Hematomas to Vision in Cynomolgous Monkeys," which was given at the previous year's scientific meeting.

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, or by electronic mail to p7224SSS at WUVMC. Please include a phone number.

and staff and wives of faculty and staff.

New and present members will receive the 1989-90 club yearbook in September. The yearbook contains a calendar of all club events as well as addresses and phone numbers of the members. They also will receive monthly newsletters.

A welcoming social will be held at 7:30 p.m. Thursday, Sept. 21, at University House, 6420 Forsyth Blvd. Mrs. J.C. Horner, a member of the 1904 World's Fair Society, will present a slide lecture titled "Memories of 1904."

For more information, call Helene Rode, president, at 993-8771, or Joy Guze, membership chair, at 863-6967.

NEWSMAKERS

Washington University faculty and staff make news around the globe. Following is a digest of media coverage they have received during recent weeks for their scholarly activities, research and general expertise.

American automobiles for 1990 will be required by the federal government to get 27.5 miles per gallon, says an essay by Kenneth W. Chilton, acting director of the Center for the Study of American Business, that appeared in the May 27 Cleveland Plain Dealer. Chilton says that auto

manufacturers who cannot meet the 1990 standards have few choices: 1) They can stop making large-size autos, which are the ones being demanded by consumers for comfort, power and safety; 2) They can lower the price of small cars by charging more for large cars; 3) Or they can pay a fine for each auto that doesn't achieve the standard. In his essay, Chilton says, "Consumers who wish to be safer as well as more comfortable must now pay an artificially higher price to do so, thanks to the Transportation Department ruling."

CALENDAR

Aug. 3-31

LECTURES

Thursday, Aug. 24

2:30 p.m. Olin Library Lecture, "Mass Deacidification in Libraries," George Cunha, director emeritus, Northeast Document Conservation Center, and prof. of library science, U. of Kentucky. Simon Aud. For more info., call 889-5400.

Wednesday, Aug. 30

11 a.m. Assembly Series Lecture, featuring William Kinsella, author, *Shoeless Joe*, the book upon which the movie "Field of Dreams" was based. Graham Chapel. For more info., call 889-5285.

4 p.m. School of Law Convocation. Speaker: Roberta Cooper Ramo, director and shareholder of Poole, Tinnin & Martin, P.C., Albuquerque, N.M. Graham Chapel. For more info., call 889-6400.

MUSIC

Monday, Aug. 7

8:30 p.m. Dept. of Music Presents WU Percussion Ensemble Concert, "Music for a Summer Evening," directed by Richard L. O'Donnell, WU instructor in music. On the patio behind Blewett A Hall. For more info., call 889-5581.

Monday, Aug. 14

8 p.m. Dept. of Music Presents Classic Summer Orchestra Concert, directed by Daniel R. Presgrave, WU instrumental music coordinator, and featuring violinist Juliet Kurtzman. For more info., call 889-5581.

Tuesday, Aug. 29

4:30-6:30 p.m. WU Wind Ensemble Auditions. Tietjens Rehearsal Hall. To schedule an appointment or for more info., call 889-5581.

Wednesday, Aug. 30

6-8 p.m. WU Symphony Orchestra Auditions. Tietjens Rehearsal Hall. To schedule an appointment or for more info., call 889-5581.

EXHIBITIONS

"Washington University Permanent Collection." Through Aug. 31. Gallery of Art, Steinberg Hall, upper and lower galleries. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For more info., call 889-4523.

"Remembrance Now: Ford Madox Ford (1873-1939)." Through Aug. 11. Olin Library, Special Collections (fifth floor). 8:30 a.m.-5 p.m. weekdays. For more info., call 889-5495.

MISCELLANY

Monday, Aug. 7

9 a.m.-4 p.m. Dept. of Athletics Presents Bears' Summer Program, "Racquetball Camp." One week camp, Mon.-Fri., Aug. 7-11. Beginners through advanced, ages 7-18. Racquetball Center, Athletic Complex. \$110. To register or for more info., call 889-5220.

Tuesday, Aug. 15

5:15-6:30 p.m. University College Workshop for employees considering entering or re-entering college. Sandwich supper provided. 30 January Hall. To register or for more info., call 889-6777.

Monday, Aug. 28

10 a.m.-4 p.m. Women's Society and Women's Panhellenic Association Plant Sale. North lobby and terrace of Wohl Center, 6515 Wydown Blvd. For more info., call 889-5678 or 889-5105.

Calendar Deadline

The deadline to submit items for the Aug. 31-Sept. 9 calendar of the Washington University Record is Aug. 18. 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. Send items to Jill Weber, calendar editor, Box 1070, or by electronic mail to p72245JW at WUVMC.

Smoking — *continued from p. 1*

whether their performance at psychomotor tasks improves if they quit the habit. "This deserves further research," he says. "Smoking history may well be something that psychologists and others should consider when working with older people."

Hill suggests that a logical next step would be to look at older smokers' performance in driving or flying planes as well as other tasks that require quick reactions. "We are not talking here about an acute difference — that is, we wouldn't tell someone to smoke a cigarette, then drive a car and see what happens. What we would look at would be chronic, long-term smoking. Take a pilot who smokes and one who doesn't and put them in a simulator to see their reactions," says Hill. And, based on his findings in the first study, Hill wouldn't be surprised to find that the smoking pilot's response time is slower than his cigarette-free counterpart. *Cathy Vespereny*



Martha Storandt, Ph.D. (left), professor of psychology, served as adviser to the postdoctoral student who conducted the study, and Emily LaBarge, a psychometrician and research associate at the University's Memory and Aging Project, gave and scored the tests.

Female-headed homeless families are on the rise

Young, black, undereducated, single women with two small children have emerged as the typical homeless family in St. Louis, according to data analyzed by a doctoral student in the George Warren Brown School of Social Work.

Alice K. Johnson studied 987 homeless families from 1983-88 who were residents of the Salvation Army's Family Haven, a 54-bed shelter for homeless families located at 3744 Lindell Blvd. Her study will be published in *Affilia: The Journal of Women and Social Work* in November.

Johnson's adviser on the project, Michael W. Sherraden, Ph.D., associate professor of social work, calls her work on the homeless "original and important."

The percentage of black families

at the shelter increased dramatically over the years, Johnson says. In 1983, the percentage of black and white homeless families was almost equal: 45 percent black and 52 percent white. But by 1988, the proportion of black families increased to 91 percent. The percentage of white families decreased to seven percent.

In addition, the proportion of female-headed homeless families increased, from 42 percent in 1983 to 85 percent in 1988. The average age of the female head of the household in 1988 was 27 years old. On average, more than half had either not finished or never entered high school.

The Family Haven residents also were asked to list the reason for their homelessness. About one-third of all

families blamed housing conditions, which included eviction, foreclosure, fire, building condemnation, overcrowding, substandard housing and lack of utilities. One-fourth listed friction with family or friends, and 17 percent reported marital dissolution or abuse.

About 10 percent were transient or stranded families, eight percent had suffered an immediate loss of income and three percent gave other reasons. Five percent cited mental health problems.

"The continued combination of low AFDC allowances and federal withdrawal from subsidized housing can only mean a continuing increase in family homelessness," Johnson said.

Promotions — *continued from p. 2*

Paul M. Heerdt, to assistant professor of anesthesiology; Geoffrey P. Herzig, to professor of medicine; Frederick G. Hicks, to assistant professor of clinical psychiatry; Glen L. Hortin, to assistant professor of pediatrics and pathology; Paula M. Kinnunen, to assistant professor of medicine; Harry L. Knopf, to associate professor of clinical ophthalmology;

James E. Krause, to associate professor of neurobiology; David C. Lacey, to assistant professor of pathology; *Alan P. Lyss, to associate professor of medicine; Carl A. Lyss, to assistant professor of clinical medicine; Richard P. MacDermott, to professor of medicine; Christopher S. McCullough, to assistant professor of surgery (general surgery); John A. McDonald, to professor of medicine; Robert P. Mecham, to professor of cell biology and physiology and medicine;

Robert S. Mendelsohn, to associate professor of clinical medicine; James R. Mikolajczak, to associate professor of clinical psychiatry; *Joseph P. Miletich, to *associate professor of medicine; associate professor of pathology; Paul A. Modica, to assistant professor of anesthesiology; Robert S. Munson Jr., to associate professor of pediatrics and microbiology and immunology; Kenneth M. Murphy, to assistant professor of pathology;

Thomas A. Mustoe, to associate professor of surgery (plastic and reconstructive surgery); *Moon H.

Nahm, to *associate professor of pathology; associate professor of medicine; Carol S. North, to assistant professor of psychiatry; Joseph R. Olk, to associate professor of clinical ophthalmology; William C. Parks, to research assistant professor of medicine; David H. Perlmutter, to associate professor of pediatrics;

John C. Perlmutter, to assistant professor of clinical ophthalmology; Mark S. Poler, to assistant professor of anesthesiology; Michael A. Province, to assistant professor of biostatistics; Mabel L. Purkerson, to professor of medicine; Michael W. Rich, to assistant professor of medicine; Marcos Rothstein, to assistant professor of medicine;

*J. Evan Sadler, to associate professor of medicine; *Jeffrey E. Saffitz, to associate professor of pathology; Scott R. Sale, to assistant professor of clinical medicine; Joshua R. Sanes, to professor of neurobiology; Kenneth B. Schechtman, to research assistant professor of medicine; Robert J. Schneider, to assistant professor of clinical medicine;

*George F. Schreiner, to *associate professor of medicine; associate professor of pathology; Marilyn J. Siegel, to professor of radiology; Eric E. Simon, to assistant professor of medicine; *William B. Strecker, to associate professor of surgery (orthopedic surgery); Charles J. Sutherland, to assistant professor of surgery

(orthopedic surgery); Rene Tempelhoff, to assistant professor of anesthesiology and of neurological surgery;

Patrick R.M. Thomas, to professor of radiology; Anastasios M. Triantafyllou, to assistant professor of anesthesiology; Michael W. Vannier, to professor of radiology; Casey T. Weaver, to assistant professor of pathology; Carey I. Weiss, to assistant professor of anesthesiology; and Franz J. Wippold II, to assistant professor of radiology.

*Promotion with tenure

Fund-raising plant sale in Wohl Center

More than 60 varieties of plants, ranging from begonias to rubber trees, will be sold during a giant plant sale from 10 a.m. to 4 p.m. Monday, Aug. 28, in the north lobby and terrace of the Wohl Center, 6515 Wydown Blvd. Prices for the plants will range from \$1.50 to \$25.

The annual plant sale is sponsored by the University's Women's Society and the Women's Panhellenic Association. Proceeds will go to both the Women's Society's Scholarship Fund and to the Women's Panhellenic Association's educational fund.

For more information, call 889-5678 or 889-5105.