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## Washington University Record, December 17, 1981

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WASHINGTON  
UNIVERSITY  
IN ST. LOUIS

# Washington University Record

December 17, 1981



A masterpiece or 'audible junk'? The notes that John Scandrett, professor of physics, plays on the keyboard could go either way, depending upon the genius of a computer programmer.

## From Bach to beer jingles, students use computers to compose

Joy to the World! the Lord is come;  
Let earth receive her king.

Don't stop singing, but the next verse to this traditional Christmas carol has been composed by a computer. With a little help, of course, from a student in Physics 161, "The Musical Computer."

Designed and taught by John Scandrett, WU professor of physics, the course has spawned not only computer-generated variations on carols but commercial beer jingles, Bach and Mozart simulations and automatic harmonization for melodies.

Surprisingly, Scandrett describes himself as an old-fashioned musician. A cellist who performed for many years in the St. Louis Philharmonic, he now enjoys playing classical string quartets with friends. He posed the natural question himself: "What's a nice guy like me doing messing around with computer music?"

One reason he gives is that his course is a popular way to attract students from other disciplines (music, art, mathematics, engineering) to the physics department. But another motive is simply curiosity. Where is the dividing line between genius and formula, between art and science?

"One way to study an art form is to temporarily ignore the human element and study only the formal or structural content," Scandrett explained. "Consequently, when you subtract the structure, what's left is genius."

The *WU Record* will not be published during semester break. Publication will resume on Jan. 21, 1982.

If Thomas Edison was right in proclaiming genius to be largely perspiration, then technology, in all its rapidly advancing forms, may well become the handmaiden of the artist. A computerized palette of colors and sound, Scandrett believes, may permit new dimensions of creative expression previously impossible.

One person who pondered this very relationship between genius and structure was the late Paul Hindemith, a German composer who later taught at Yale University. Forty-two years ago, he devised a set of mathematical rules for writing a simple melody. In the mid-1970s, a WU music student, Michael Hunt, translated Hindemith's rules into a computer program that created artificial melodies. That work is the starting point for Scandrett's students who do original research on creating and analyzing music with computers.

Their lab equipment includes a computer, a keyboard and a synthesizer. Musical notes played on the keyboard enter the computer as numerical input data. After processing, the results from the data are changed into sound by a digital synthesizer and amplifier-speaker system. A computer program which merely transmits the unaltered input data to the output synthesizer constitutes an expensive electronic organ. With more complicated programs, musical transformations can be created.

The programs can be as simple as a random-number approach where musical notes are selected and played without any organization. Predictably, this "kitten-on-the-keys" approach produces musical chaos — what Scandrett terms "audible junk." Recognizable melodies

*continued on p. 2*

## St. Louis executive, civic leader joins Business School as professor

A well-known St. Louis business executive, Armand C. Stalnaker, chairman of the boards of directors of General American Life Insurance Company and the Federal Reserve Bank of St. Louis, will join the faculty of WU's School of Business and Public Administration, Chancellor William H. Danforth has announced.

Stalnaker, who has been a top administrator at the insurance firm since 1963, served as chief executive officer from 1973 until his retirement from this post in May 1981. At the University, he will serve as professor of management with his appointment effective for the 1982-83 academic year. He is expected to assume his new duties next fall and will teach courses in business policy and corporate strategy at the graduate level in the spring semester in 1983.

Stalnaker is no stranger to academia. Before beginning his business career with Prudential Insurance Company, Newark, N.J., in 1950, where he was employed until accepting a position at General American Life Insurance Company here, he taught business organization and was commerce placement director at Ohio State University for four years (1946-1950).

In welcoming this well-known civic leader to the University's faculty, Danforth said: "Armand Stalnaker has long been a dedicated and devoted friend of Washington University. He has served on our board of trustees since May 1975, and now we are proud and pleased that he has decided to become a member of the faculty of the business school. He brings to this position invaluable first-hand knowledge of top-level management and procedures. With his experience and educational background, he will make an outstanding contribution as a teacher on our campus."

Stalnaker has served in many industry and civic leadership roles. He has served as a chairman of the American



Armand C. Stalnaker

Council of Life Insurance and of the Health Insurance Association of America. In St. Louis, he has chaired the Regional Commerce and Growth Association and the United Way.

Stalnaker is a member of the boards of directors of Anheuser-Busch Companies, Inc., the Brown Group, Inc., Civic Center Redevelopment Corporation, Barnes Hospital, the Boy Scouts of America, KETC-TV, and the YMCA.

The author of books and articles on insurance and management, Stalnaker was named the 1978 *Globe-Democrat* Man of the Year in St. Louis and was presented with the Right Arm of St. Louis Award this year.

Stalnaker earned a degree in business administration from the University of Cincinnati in 1941, and four years later was awarded an MA with a major in economics from the University of Pennsylvania. He received a PhD in personnel psychology from Ohio State University in 1951 and became a Chartered Life Underwriter (C.L.U.) in 1954.

## Reward offered for information

The University has announced a \$5,000 reward for information leading to filing of an indictment or an information against those responsible for either of two recent fires on campus.

Should prosecution result in a conviction, the informant could receive an additional \$5,000 from the Missouri Insurance Industry. This reward, which was posted immediately following the October 7 and October 24 blazes, requires that the alleged arsonist be convicted.

Four fires were reported in separate campus buildings within a 30 minute period late October 7. Three of the fires were minor, but one caused about \$30,000 worth of damage to a lecture hall in January Hall. In the early morning hours of October 24, firefighters

fought a blaze that caused approximately \$70,000 in damage to the vacant Sigma Alpha Epsilon fraternity house on the campus. No one was injured in the fires. Investigators have no evidence that the two major fires are related.

Those with information about the fires should call the toll-free arson hotline, 800-39-ARSON, or the Bomb and Arson Squad at 889-3318.

The University is offering another \$5,000 reward for information leading to the filing of an indictment or an information against those responsible for either of two serious offenses against students that occurred on the Greenway Walkway in University City during November. Those with information should call 889-5555.





## Art students make whirlwind tour of Windy City design, ad firms

Cosmopolite Stephen Spender, peripatetic man of letters who has wandered far from his London birthplace, once remarked of Chicago that "if there were any justice in this world, it would be the capital of the United States." The 27 students from WU's School of Fine Arts who recently toured the city's famous Loop Area and strayed into the exurbia along its North Shore came away with the same sense of wonder that inspired Spender's hyperbole.

Guided by three faculty — Robert C. Smith, acting chairman of the design area, Gene Hoefel, who once plied his trade there, and newcomer Bert Vander Mark, the covey of students — graphic communications and illustration majors — spent three days visiting the windy city's equivalent to Madison Avenue and came away exhilarated by what they saw. Following an itinerary carefully plotted by their mentors, these art school students visited some of the country's foremost advertising and public relations agencies as well as some dazzling design studios and, along the way, met alumni who are prospering there.

Huddled in Smith's command post in a corner of Bixby Hall, a handful of those who made the trip recalled some of the highlights of their expedition. Paul Behnen of Shrewsbury; Nishan Akgulian, Racine, Wis.; David Baker, Burlington, Iowa; and Mary Enger of south St. Louis were still a bit starry-eyed after exploring life behind the scenes of one of the vibrant communications centers in the country.

The students all but exhausted their vocabulary of superlatives as they collectively agreed that their Chicago safari was "fantastic" and "a real eye-opener." After an early morning stop at Edit-Chicago Inc., whose staff processes millions of dollars worth of commercials each year using computerized skills, the WU group moved on to Cunningham & Walsh, where they chatted with alumna

art director Risa Lynn Kleban (BFA '81). She walked into this huge agency with a BFA and a portfolio less than a year ago and was hired on the spot. Her progress there has been what personnel managers are wont to describe as "meteoric."

Other alumni whom the WU group met included Bruce Mark Glickman, (BFA '78), an art director at Needham, Harper & Steers, Inc., and Bobby Cochran (BFA '73), now a popular Chicago illustrator. Cochran was one of the original members of Create I, a design studio at the School of Fine Arts now celebrating its tenth anniversary. At a firm called Group Chicago Inc., which specializes in design work, the WU contingent met Kurt W. Meinecke (ex-'70). The WU art school students also stopped to talk shop with art director Marilyn G. Lurie (BFA '78) of Burson-Marsteller, a public relations firm, but unfortunately missed seeing her. They did meet with Dexter Fedor (BFA, BSBA '79), art director at Leo Burnett Co., Inc., an advertising agency with offices all over the world, including Kuala Lumpur, Malaysia.

For the illustrators, perhaps the most exciting encounter was a detour to Deerfield, Ill., where they met with Jozef Sumichrast, who made the January-February cover of *Communication Arts* magazine. Sumichrast, as a reporter for that periodical noted, "is probably best known for his ingenious alphabets, playfully distorting objects, animals and people into letterforms." He attended the American Academy of Art in Chicago off and on for several years.

The illustrators rejoined their graphic communications colleagues for the last stop on the tour, The Art Institute of Chicago, where they viewed the work of Edward Hopper, an American painter who, appropriately enough, is best-known for his realistic portrayal of cityscapes and scenes.

## Computers — continued from p. 1

begin to emerge as restrictions are imposed on the random process.

One student likened this idea to the example of a monkey at a typewriter. How long would the monkey poke at the keys before *Hamlet* emerged? Similarly, how long would a computer play random notes before *The Art of the Fugue* emerged? The odds (he figured them at  $10^{15674}$  years) are astronomical. But they can be lessened by following certain guidelines or probabilities. In the English language, the "e" is more common than "q"; in music, quarter notes are more common than whole notes.

Simple musical patterns can be easily achieved. Simulating a great composer, of course, is more difficult. The idea is to produce characteristics of a work, not exact replicas.

With the exception of teaching

2 Physics 161, Scandrett contends he is

strictly a computer music dilettante. He says others, though, are very serious about combining music and machine. "The rules composers use as a framework can be computerized with plenty of room left for art," he said.

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Editor: Charlotte Boman  
(Ext. 5251)  
Calendar Editor:  
Susan Kesling  
(Ext. 5254)

During a study trip to Chicago to explore the world of advertising, public relations and design studios, a group from WU's School of Fine Arts met with Kurt Meinecke of Group Chicago Inc. Meinecke, an alumnus, showed a variety of graphic designs to (left to right) Gene R. Hoefel, associate professor of art, Joy Nelkin (face hidden), Amy Usdin, Pamela Jo Schmal and Suzanne Bradley.

## Anderson opens spring lecture series

John B. Anderson, who won seven percent of the popular vote as an independent candidate in the 1980 presidential election, will open the spring Assembly Series with a talk at 11 a.m. Wednesday, Jan. 20, in Graham Chapel.

Anderson, who served in the U.S. House of Representatives as a Republican for 20 years, received 5.5 million votes.

His talk is sponsored by the Student Union Speakers Committee.

Another politician scheduled for the Assembly Series is U.S. Rep. Paul Simon (D-Ill.), who will speak on March 17 during Foreign Language Week.

Two speakers are scheduled by CIRCUIT, a campus organization composed of members of the Campus Y, Hillel, the Newman Center, the Protestant Student Fellowship and the Inter-Varsity Christian Fellowship. They are Sister Mary Jose Hobday, OSF, who will speak Feb. 17, and Joel Rembaum, dean

of undergraduate studies, University of Judaism, who will speak on Jan. 27.

The Religious Studies Program will sponsor a talk by Carl Cohen, professor, Residential College, University of Michigan, on March 3.

Donald Johanson, an anthropologist, will deliver the Phi Beta Kappa lecture on March 31. Quentin Skinner, professor of early modern English history, Christ's College, Cambridge, will speak on April 14.

Other speakers will be scholar of Chinese law Jerome Cohen, founder of the Harvard Law School East Asian Studies Center, Jan. 28; Sidney Lens, editor of *The Progressive*, on Feb. 3; Judge Irving Kaufman, U.S. Circuit Court of Appeals, Second District, on March 24, and Rudolph Arnheim, professor of art history at the University of Michigan, April 12.

## IRAs now open to employees on WU annuity plan

Participants in the University's retirement annuity plan will be eligible to start an Individual Retirement Account (IRA), beginning the first of the year. Before the passage of the Economic Recovery Tax Act of 1981, workers with annuity plans through their employers were not eligible to take part in this tax-deferred annuity.

Annual contributions to an IRA can be deducted each year from regular taxable income. The program is set up for benefits to be withdrawn when a contributor reaches 59 years and six months of age or becomes disabled. Benefits will be taxed as income at that time, but presumably, at lower rates because of reduced incomes. Withdrawal of benefits before then can result in a tax penalty.

The maximum annual individual contribution is \$2,000. A working individual and a non-working spouse may

contribute up to \$2,250. Spouses each earning more than \$2,000 a year may both make up to the maximum individual contribution. If one spouse earns less than \$2,000 a year, the couple may make contributions up to \$2,000 plus 100 percent of that lesser salary.

An IRA may be established and contributions made to the account through a bank, savings institution, brokerage firm, mutual fund or insurance company. WU does not deduct contributions from payroll checks.

The updated tax law also allows divorced taxpayers to deduct contributions to IRAs established with a former spouse and ends deductions for the value of items such as antiques, art, gems, stamps and coins.

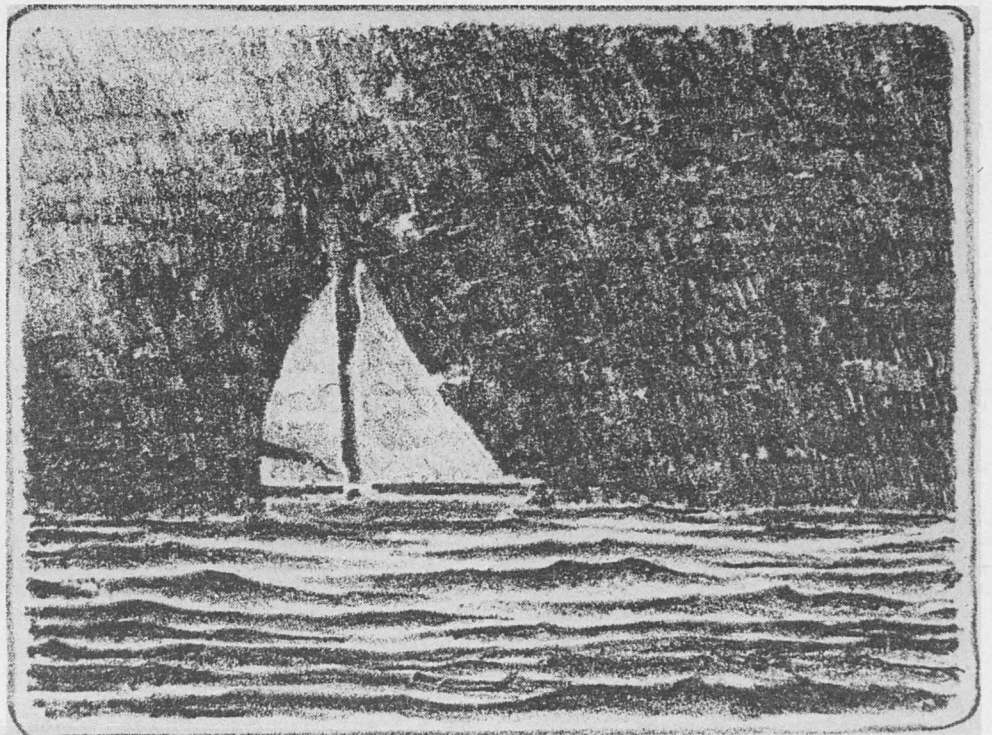
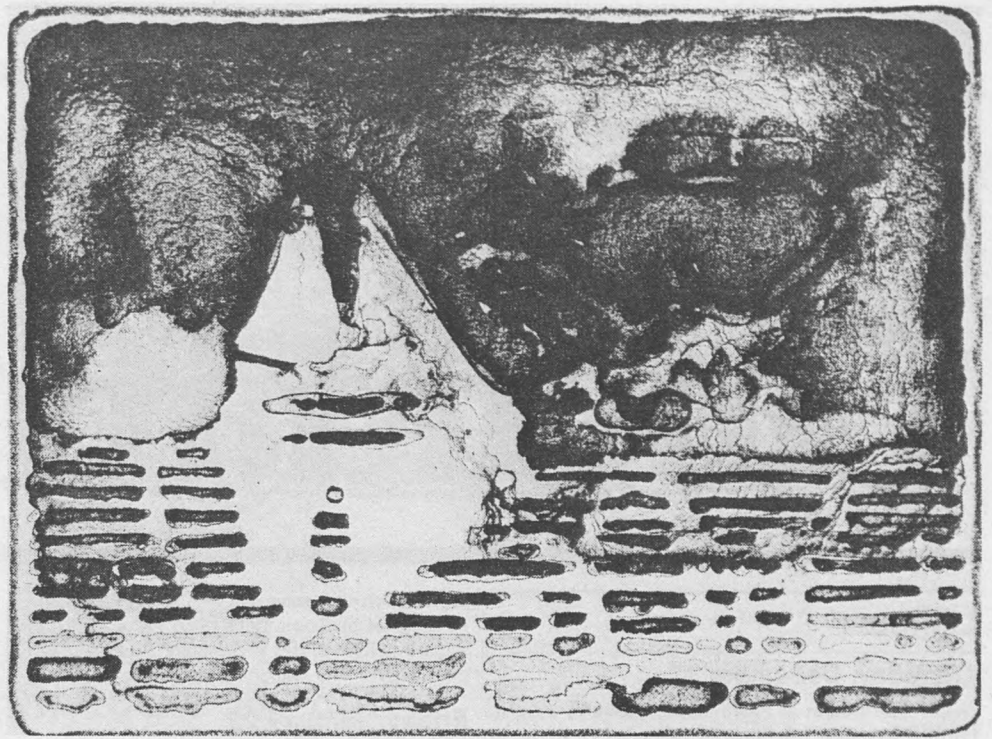
Those interested in starting an IRA should consult a personal tax advisor.



Two candidates for the Master of Architecture degree at WU have won the \$500 Gold Ribbon Award in a student design competition sponsored by the Society of American Registered Architects (SARA). The winners (left to right) Richard Brown and Michael DiPasquale designed an urban infill building for downtown San Antonio in the Historic Alamo Plaza Redevelopment Area. Their winning entry brought the WU School of Architecture a \$200 award. A third WU School of Architecture student, Steven E. Beebe, a senior, won a \$50 Green Ribbon Award and Honorable Mention in this prestigious contest. Three schools received a total of six prizes in this national competition; WU students copped three of them. Each of them received an SARA Citation for Design Excellence and a one-year free membership in the student chapter of SARA. Their mentor was Janet Rothberg White, an affiliate assistant professor in the School of Architecture, who made competition entry a part of her studio assignment.



Two panels from a large lithograph, "Twenty-Eight Imagined Places; Twenty-Eight Folded Variants," by WU artist James McGarrell, will be on display at the annual Faculty Art Show Dec. 20 through Jan. 7. McGarrell uses alternative techniques to achieve an imaginative study. Above is a sailboat done with a tusche wash method; below is the same image executed with lithographic crayon.



## Works by new fine arts faculty included in annual show

Some 35 WU faculty members will exhibit works of art at the annual Faculty Show, which will open in the WU Gallery of Art, Steinberg Hall, on Sunday, Dec. 20, with a reception from 3 to 5 p.m. The exhibition, sponsored by the University's School of Fine Arts, will run through Jan. 7, 1982.

Three artists who joined the art school faculty last fall will be among the exhibitors. They are: James McGarrell, a well-known painter and professor of art; Barbara Takenaga, lecturer on art and printmaker; and Bert Vander Mark, assistant professor and a specialist in graphic communications.

Before joining the WU faculty here, McGarrell was in residence at the University of Indiana for more than 20 years, where he served as director of graduate painting and as professor of fine arts. His paintings are included in over 20 public collections in this country and abroad. Prestigious museums, including the Centre Georges Pompidou, Beaubourg, Paris, and the Museum of Modern Art, New York, have purchased his work.

Takenaga was one of ten Western printmakers invited to show their work at the Western States Arts Foundation 1979 Fellowship Awards Exhibition. A recipient of numerous honors, she received the Purchase Award in 1978 at the National Print and Drawing Competition, University of Wisconsin, Waukesha campus.

Vander Mark, a native of The Netherlands, taught previously at Southwest Missouri State University and the Cornish Institute of Allied Arts, Seattle, before coming to WU. An expert on publications, he is also a talented illustrator. Last year, Vander Mark prepared a video-

taped lecture on "Graphics for Television," which he presented to the International Television Association, Springfield, Mo.

At the opening, Van McElwee, who has taught in the WU Performing Arts Area, will show four video tapes in color with original sound which he has produced. These include: "Drop Out Window," "Split-Flow," "Double-Flame" and "Random Clock." McElwee, an expert on film-making and video production, will serve as a lecturer in art in the School of Fine Arts during the spring semester.

In addition to members of the School of Fine Arts teaching staff, exhibitors will include faculty from the Department of Art and Archaeology and the School of Architecture.

Viewing hours at the WU Gallery of Art, Steinberg Hall, are: Monday through Friday, 10 a.m.-5 p.m.; and weekends, 1-5 p.m.

## Study offers treatment for binge eaters

A treatment program for binge eaters will soon be offered as part of a research project by the Department of Psychology. Treatment will consist of eight weekly one-and-one-half hour group sessions in which participants will be taught methods to prevent and interrupt binge episodes. Women at least 18 years old with a physician's consent may participate.

Group members will be asked to make a \$24 deposit, \$3 of which will be refunded at each session attended. Group meetings will be scheduled to best accommodate interested individuals.

For more information, call 889-6555 during business hours.

## Campus Notes

Donald Finkel, poet in residence at WU, is the author of a new book of poems, *What Manner of Beast*, published by Atheneum, N.Y.

Finkel has selected two quotations, one from Remy de Gourmont's *The Natural Philosophy of Love* and the other from Franz Kafka's *A Report to an Academy* as mottoes for his book. De Gourmont has written: "There is no abyss between man and animals; the two domains are separated by a tiny rivulet which a baby could step over." The Kafka passage reads: "Everyone on earth feels a tickling at the heels; the small chimpanzee and the great Achilles alike."

Finkel also introduces some of his poems with quotations. An observation from Alfredo Blaumann — "Man can make a decision in an instant. The thought of a plant might take 100 years" — prefaces a poem called "The Morning the Orchid Decided to be a Butterfly."

Robert E. Hegel, associate professor of Chinese language and literature, presented a paper entitled "Mao Zedong's Legacy in Literature and Art" at the annual meeting of the Midwest Conference on Asian Affairs. The conference was held in early October at the University of Missouri at Columbia. His book, *The Novel in Seventeenth-Century China*, was published by Columbia University Press in March, and his "Making the Past Serve the Present in Fiction and Drama" will appear in a forthcoming issue of *Modern China*. Hegel has also been invited to give a paper on women in Ming and Ch'ing fiction at the international conference on women in Chinese literature to be held in Berlin next July.

Two WU law school alumni, Joanne E. Martin (JD '81) and Mitchel Kider (JD '81) were recipients of the Milton F. Napier Trial Award in recognition of academic and practical excellence in WU's trial practice course.

Martin and Kider were chosen by the faculty of the School of Law and received commemorative plaques and a small stipend at a recent meeting of the Lawyers Association of St. Louis.

The award, named after a St. Louis trial lawyer, is usually awarded to one individual from WU and one from St. Louis University. This year, however, the faculty from WU decided to select two students to share the WU portion of the prize.

John H. Morris, professor of English, has won the Frederick Bock Prize awarded by *Poetry* magazine for a group of his poems which appeared in the April issue of this periodical. In 1979, Morris was honored by the American Academy and Institute of Arts and Letters for his creative work.

James S. Rice and Ronald L. Mackey, seniors in civil engineering, were awarded \$1000 in the annual student engineering competition of the James F. Lincoln Art Welding Foundation of Cleveland, Ohio.

The two students designed an orthotropic deck bridge. Orthotropic in this sense means a certain type of steel construction.

The awards, totaling \$19,000 to 143 graduate and undergraduate students and to 32 colleges, recognized student achievement in the design, engineering or fabrication of welded manufactured products, welded structures or related research.

A charcoal drawing by Barry Schactman, professor of art, is represented in a juried competition now on view at the Stedman Art Gallery, Rutgers University-Camden, N.J. campus. Schactman's work, "Dance of Death: Unfolding" is one of 144 individual items selected for display in the prestigious exhibition, "Rutgers National 81 Works on Paper," that went on view Nov. 23 and will run through Jan. 16, 1982. This show is the fourth national biennial competition organized at Rutgers University.

Thomas Schiff, assistant professor of oral diagnosis and radiology at the WU School of Dental Medicine, was presented with the Conspicuous Service Medal by the Air National Guard. Schiff is a lieutenant-colonel with the 131st Tactical Hospital. He received the medal for his prompt action, including CPR, which resulted in saving the life of an emergency patient during the summer encampment of the 131st Tactical Fighter Wing at Gulfport, Miss., in August 1980.

Schiff recently was elected chairman of the advisory committee of the American Dental Association's Food and Nutrition Program. During his one-year term, he will aid and promote the large-scale research effort in this field by academia and industry.

## Consortium wins grant for minority fellowships

The Consortium for Graduate Study in Management, of which WU's School of Business and Public Administration is a charter member, has received a three-year \$98,494 grant from the Exxon Education Foundation, according to Wallace L. Jones, director of the consortium.

The funds will support a project entitled "Career Alternatives for Minorities Through the Master of Business Administration (MBA) Route." Its fundamental purpose is to enable the consortium to award fellowships to members of minorities with three to eight years of experience in the marketplace who want to study for the MBA degree as an alternative route to a career at the management level. Minority groups as defined by the consortium include blacks, Hispanics and American Indians.

The five educational institutions that belong to the consortium in addition to WU are: Indiana University, University of North Carolina, University of Rochester, University of Southern California and the University of Wisconsin. This University also serves as the fiscal agent for the consortium.



# Calendar

December 17-January 23, 1982

## Lectures

### Thursday, December 17

Noon. Department of Pharmacology Lecture, "The Purified Regulatory Subunit of Adenylate Cyclase," Paul Sternweis, dept. of pharmacology, U. of Texas Health Science Center, Dallas. Pharmacology Library, third floor, South Bldg., 4577 McKinley.

3:30 p.m. Public Choice Workshop, "The Objectives of Egalitarianism," Gordon Tullock, Va. Polytechnic Institute and State U. Sponsored by the Center for the Study of American Business. 300 Eliot.

4 p.m. Department of Chemistry Seminar, "Metal Clusters and Catalysis," Victor Day, dept. of chemistry, U. of Neb. 311 McMillen Lab. (Coffee hour, 3:30 p.m., 561 Louderman.)

7:30 p.m. Department of Political Science Colloquium, "The Welfare State and Local Government," Carolyn T. Adams, assoc. prof. of urban studies, Temple U. Ann Whitney Olin Women's Bldg., third floor lounge.

### Sunday, December 20

3 p.m. Opening Reception for "The Faculty Show," Upper Gallery, WU Gallery of Art, Steinberg Hall.

### Friday, January 8

6 and 8:30 p.m. The WU Association Documentary Film Program, "Tunisia Holiday," with former radio and television announcer, newscaster and talk and quiz show host, Kenard Lawrence. Graham Chapel. For ticket information, call 889-5122.

### Sunday, January 10

3 p.m. Opening Reception for "Belle Cramer: A Retrospective Exhibition," Bixby Hall Gallery.

### Wednesday, January 13

4 p.m. Department of Physics Colloquium, "Particle Production and Dynamics in the Early Universe," James B. Hartle, prof. of physics, U. of Chicago. 201 Crow.

### Monday, January 18

First day of classes, spring semester.

### Wednesday, January 20

11 a.m. Assembly Series Lecture with John Anderson, former U.S. Congressman from Illinois. Co-sponsored by the Student Union Speakers Committee. Graham Chapel.

## Historic St. Louis show opens Jan. 20

A few days after the new semester begins, an unusual exhibition, "The Architectural Heritage of St. Louis 1803-1891: From the Louisiana Purchase to the Wainwright Building" will open on Wednesday, Jan. 20 with a reception from 6 to 10 p.m. in the WU Gallery of Art, Steinberg Hall. Lawrence Lowic, WU assistant professor of art and archaeology and guest curator, has written a fully illustrated 125-page catalogue on this unique assemblage.

The exhibition comprises more than 175 maps, published views of the city, paintings and photographs which depict the architectural history of 19th-century St. Louis. Much of the material on view has never been exhibited before and should be of great interest to all those who are curious about St. Louis and its origins. Please see the Jan. 21 issue of the *WU Record* for complete details on this exhibition, which will be on display through March 14.

6 p.m. Opening reception for "The Architectural Heritage of St. Louis 1803-1891: From the Louisiana Purchase to the Wainwright Building," Upper Gallery, WU Gallery of Art, Steinberg Hall.

### Friday, January 22

4 p.m. Faculty of Arts and Sciences Faculty Meeting. 201 Crow.

## Performing Arts

### Tuesday, December 22

8 p.m. WU and Opera Theatre of St. Louis Production, *H.M.S. Pinafore*, Gilbert & Sullivan's delightful nautical operetta. Edison Theatre. Tickets are \$16 and \$12. Children 12 and under half-price at all matinees but limited to one half-price ticket with each full price ticket. Tickets available at Edison Theatre box office, 889-6543. (Also 8 p.m., Wed., Dec. 23; Sat., Dec. 26; Wed., Dec. 30; Thurs., Dec. 31 and Sat., Jan. 2. 2 p.m. on Sat., Dec. 26; Sun., Dec. 27; Fri., Jan. 1 and Sat., Jan. 2.)

### Thursday, January 7

8 p.m. Theatre Project Company, *Coming Attractions*, the St. Louis premiere of this musical lampoon about a humble gunman who is discovered by a theatrical agent. Written by Ted Tally, directed by Wayne Salomon. For ticket information, call 531-1301. (Also 8 p.m., Jan. 8-10, 14-16; and 2 p.m. Jan. 10.)

### Friday, January 22

8 p.m. Edison Theatre Series, Bella Davidovich, pianist. Edison Theatre. Tickets are \$6 general admission; \$4.50 for area students, WU faculty and staff; \$3 for WU students. Tickets available at Edison Theatre box office, 889-6543.

## Exhibitions

"Refracted Color: Literature and the Arts from the Gert von Gontard Collection." Special Collections, Olin Library, level five. 8:30 a.m.-5 p.m. weekdays. Through Dec. 29.

"The Architectural Heritage of St. Louis 1803-1891: From the Louisiana Purchase to the Wainwright Building," a unique assemblage of more than 175 maps, published views of the city, paintings and photographs. Funded by the National Endowment for the Arts, the Missouri Arts Council, and WU's School of Architecture, Department of Art and Archaeology and Gallery of Art. Upper Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Jan. 20-March 14.

"Master of Fine Arts Show: Judy Thompson," paintings by MFA candidate Judy Thompson. Bixby Hall Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. Through Dec. 20.

"Belle Cramer: A Retrospective Exhibition." Bixby Hall Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends. Jan. 10-29.

"Alvar Aalto Memorial Exhibition," showing furniture and building design work by Finland's leading architect. Lower and Print Galleries, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through Jan. 24.

"The Faculty Show," WU's annual survey of recent work by faculty artists includes a diverse array of media and techniques. Upper Gallery, WU Gallery of Art, Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Dec. 20-Jan. 7.

## Calendar Deadline

The deadline to submit items for the calendar period of Jan. 21-30, 1982 is Jan. 7. 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 name and identification and the title of the event. Those submitting items, please note name and telephone number. Address items to Susan Kesling, calendar editor, Box 1142.



A retrospective exhibition of work by the late St. Louis artist Belle Cramer (1883-1978) will open in Bixby Gallery, Bixby Hall, with a reception from 3 to 5 p.m., on Sunday, Jan. 10. The show will run through Jan. 29. Cramer, whose work was exhibited often at major galleries here and abroad, studied with the late Paul Berlin (1886-1969) and at WU's School of Fine Arts with Fred Becker from 1956 to 1959. The latter artist, a printmaker, now teaches art at the University of Massachusetts. Bixby Gallery hours are: Monday-Friday, 10 a.m.-4 p.m.; weekends, 1-5 p.m.

## Films

### Friday, December 18

7:30 and 9:45 p.m. WU Filmboard Series, "The Paper Chase." Brown Hall Aud. \$2. (Also Sat., Dec. 19, same times, Brown.)

### Tuesday, January 19

7:30 and 9:30 p.m. WU Filmboard Series, "Bonnie and Clyde." Brown Hall Aud. \$2.

### Wednesday, January 20

7:30 p.m. and 9:45 p.m. WU Filmboard Series, "Les Petites Fugues." Brown Hall Aud. \$2. (Also Thurs., Jan. 21, same times, Brown.)

### Friday, January 22

7:30 and 9:45 p.m. WU Filmboard Series, "Star Trek." Brown Hall Aud. \$2. (Also Sat., Jan. 23, same times, Brown.)

Midnight. WU Filmboard Series, "Flesh Gordon." \$1. Brown Hall Aud. (Also Sat., Jan. 23, midnight, Brown.)

## BC-BS coverage to end for some dependents

Blue Cross-Blue Shield coverage ends December 31, 1981 for dependent children of WU employees who have reached age 23 during 1981. For coverage to continue, these dependent children must be enrolled in a sponsored program.

For additional information, contact the Blue Cross-Blue Shield Marketing Division at 4444 Forest Park Blvd., St. Louis, Mo. 63108, or call 658-4700.

## Sports

### Saturday, January 23

1:30 p.m. Men's and Women's Swimming, WU vs. Northeast Missouri State. Wilson Pool.

7:30 p.m. Men's Varsity Basketball, WU vs. Logan College. Francis Field House. Tickets are \$2 general admission; WU students free.

## Clinic offers weight loss program

A weight loss program designed to get rid of those holiday pounds will begin in mid-January, sponsored by WU's Behavior Therapy Clinic. An organizational meeting will be held at 6 p.m. Thursday, Jan. 7, on campus. Twelve one-and-a-half hour treatment meetings will be held January through March.

Treatment will include nutritional education, behavioral techniques on controlling overeating, and a special package dealing with emotional and binge eating. The program uses no drugs, fasting, or fad diet techniques. Instead, steady, moderate weight losses of about one to three pounds per week will be encouraged.

Participants must be at least 15 years of age and have a physician's permission to take part. Although this program is offered on a non-profit basis, a \$120 fee will be charged to cover operating expenses of the clinic.

For more information on the program, call 889-6527.