From Bach to beer jingles, students use computers to compose

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

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 reason he gives is that his course is a popular way to attract students. He posed the natural question himself as an old-fashioned musician. 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 "kitchen-on-the-keys" approach produces musical chaos—what Scandrett terms "audible junk." Recognizable melodies could go either way, depending upon the genius of a computer programmer.

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

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

A well-known St. Louis business executive, Armand C. Stalnaker, chairman of the board 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 near 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 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.

Investigation have no evidence that the two major fires are related.

Those with information about the fires should call the toll-free arson hotline, 800-35-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

Compostole Stephen Spender, poet, is on the whirlwind tour of his Chicago area, Gene Hoftel, who once played his trade there, and newcomer Bert Vander Mark, the case 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 Biscy Hall, a handful of those who made the trip recalled some of the highlights of their expedition. Paul Shafe, arts and communications, and Nisha Akgulan, Racine, Wis.; David Baker, Burlington, Iowa; and Mary Enger of sour, who made the trip, starr-eyed after exploring life behind the scenes of one of the vibrant communications centers of 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.”

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 who recently toured the city’s famous Loop Area and strayed into the exurbia who are prospering there.

One 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 for CIRCUIT, a campus organization composed of members of the School of Fine Arts, the Inter-Varsity Christian Fellowship. They are Sister Mary Jose Hubday, 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 Johnson, an anthropol- gist, will deliver the Phi Beta Kappa lecture on March 3. Quentin Skinner, pro- fessor of early modern English history, Christ’s College, Cambridge, will speak on April 14.

Another speaker will be Chinese law Jerome Cohen, founder of the Harvard Law School East Asian Studies Center, Jan. 28; Sidney Leng, editor of The Progressive, on Feb. 3; Judge Irving Kaufman, U.S. Circuit Court of Appeals, Second District, on March 24, and Rudolph Aronheim, pro- fessor 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 gross 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 income. Withdrawal of benefits before then can result in a tax penalty. The maximum contribution of an IRA 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 paycheck 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.
Campus Notes


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 frivolous difference: `man' is the word," and the Kafka passage reads: "Everyone on earth feels a tickling at the heels; the small chimpansze and the great Achilles alike."

Finkel also introduces some of his poems with quotations. An observation from Alfredo Blau mann - "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 Michael Kider (JD 81) were recipients of the Milton F. Napi er Prize Scholarship 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 gold medal. Martin, assistant professor of Oral Diagnosis and Radiology at the WU School of Dental Medicine, was presented with the Consiglio Service Medal by the American National Dental Association. Kider 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.

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.

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.

Group meetings will be scheduled to 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. Treatments 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 meetings will be scheduled to accommodate interested individuals. For more information, call 889-6555 during business hours.
Lectures

Thursday, December 17

Sunday, December 20
3 p.m. Opening Reception for "Belle Cramer: A Retrospective Exhibition." Bishy Hall Gallery.

Friday, January 8
6 and 8:30 p.m. The WU Association Documentary Film Program, "Tunisia Holiday," with former radio and television announcer, newsmaker and film show host, Kresna Lawrence. Graham Chapel. For ticket information, call 889-5122.

Sunday, January 10
3 p.m. Opening Reception for "Belle Cramer: A Retrospective Exhibition." Bishy Hall Gallery.

Wednesday, January 13

Monday, January 18
Noon. Room 107, gop. lounge, seminar session.

Wednesday, January 20

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 campus. The show will run 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 Art of 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 Open Theatre of St. Louis Production, H.M.S. Pinafore, Gilbert & Sullivan's delightful operatic spoof. Tickets are $16 and $12. Children 12 and under half-price at all performances 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. 21; 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 hardscrabble gentleman who is discovered by a theatrical agent. Written by Telly Tally, directed by Wayne Salomon. For ticket information, call 515-1380. (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

"Refractions; Color, Literature and the Arts from the Van Cortlandt Collection." Special Collections, Olin Library,ieval fives. 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 Architecture and Gallery of Art. Upper Gallery, WU Art of Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Jan. 20-March 14.
"Belle Cramer: A Retrospective Exhibition." Bishy Hall Gallery. 10 a.m.-4 p.m. weekdays. Through Jan. 10-29.
"Alvar Aalto Memorial Exhibition," showing furniture and building design work by Finland's leading architect. Lower and Point Galleries, WU Art of Steinberg Hall. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through Jan. 24.
"The Factory Show." WU's annual survey of recent work by faculty artists includes a diverse array of media and techniques. Upper Gallery, WU Art of 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 one page, 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.

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.)

Wednesday, January 20
7:30 and 9:45 p.m. WU Filmboard Series, "Les Petits Pagayes." 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, "Flash Gordon." $1, Brown Hall Aud. (Also Sat., Jan. 23, midnight, Brown.)

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.