Washington University

Vol. 8, No. 19
Feb. 10, 1983

Personal Computing Support Center offers guidance, solutions, discounts

A Personal Computing Support Center (PCSC) is now in operation in room 6, Cupples Hall I, to provide a variety of services for those members of the WU community who operate IBM personal computers, Thomas L. Bugnitz, assistant director of Computing Facilities, has announced.

According to objectives, according to Bugnitz, "range from providing advice about existing hardware and new software products, to coordinating maintenance of PCs (personal computers) on campus. The center's over-all purpose is to provide help and assistance to current PC users, as well as those who contemplate buying such hardware," he added.

Initially, the Center will concentrate on serving IBM personal computer users, but within a short time, Bugnitz explained, it will also be able to handle inquiries from Apple and Digital Equipment Corporation (DEC) PC operators.

Because few PC users have time to leaf through the three principal magazines that survey the nitty-gritty of the computer world, the center will assign key staff to thumb through these periodicals (Byte, PC, and Personal Computing) to keep pace with developments surfacing almost every week. It will also help distinguish between the basic purposes of this trio. Byte (chymes with bite), it takes it name from computer jargon, according to Bugnitz. "A bit in computer terminology is the smallest piece of a computer. Eight bits make a byte, which is why the publisher picked it for the title of his magazine," Bugnitz said. Byte has general appeal; PCs are oriented towards users of IBM personal computers; while Personal Computing is much broader in scope."

When an IBM PC breaks down, Bugnitz said the user can obtain a replacement at the center, which will ship assistance is available through IBM servicing contracts negotiated by the new center.

PCSC will also strive to bring the users of various types of personal computers together in separate groups - IBM, Apple and DEC aggregations for exchange of ideas and discussion. In addition, PCSC will initiate a newsletter to inform users of the most recent innovations and to alert them via position papers about the burgeoning computer scene, Bugnitz said.

"Another goal," he said, "will be to support Missouri's Computer Facility Commission (CFC), comprising 91 educational institutions that have an interest in computers," Robert J. Benson, associate vice chancellor and director of WU's Computing Facilities, is chairman of this group, which can purchase IBM, Apple and DEC computers for institutional use at discounts ranging from 20 to 30 percent.

As part of PCSC's marketing and sales effort, Bugnitz explained, WU departments may take advantage of such discounts when purchasing IBM, Apple, and DEC personal computers. PCSC will also be able to offer a discount to members of the WU community contemplating buying a personal computer for home use, but only on the IBM brand at the present time. Discounted PCs purchased via the university vary in price from $2300 to $3500.

Any bookkeeping, follow-up or other administrative details involved in such purchase of a personal computer will be handled by PCSC. The new center, administered by Bugnitz, will be staffed by three students, Cathy Branyan, Eric Muehrcke and Bruce McDiffett. In addition, two regular members of Computing Facilities, Steve Marek and Audrey Whitehagen, both assistant managers of user services, will support the center.

PCSC operating hours are 8:30 a.m. to 5 p.m. Its extension is 6061.

School of Law will cosponsor regional mock trial competition

The WU School of Law will cosponsor the Midwest Regional Mock Trial Competition Feb. 11-13 at the St. Louis County Courthouse in Clayton. It is the first national trial advocacy competition the law school has sponsored.

The competition, organized by the American Bar Association's Young Lawyers' Division, attracts law school students from Iowa, Missouri, Nebraska, Kansas and North and South Dakota. This year, eight law schools from the Midwest are expected to participate. The two winning teams from the regional competition will compete in the national rounds in Houston, Tex., later this spring. WU teams have advanced to the national competition for the last two years.

Representing WU's School of Law this year are Cathy R. Gilbert and David C. Mason on one team, and Richard M. Miller, Scott D. Cooper and Brent J. Jaines on the second team.

"For the students who are competing, it's a challenge to match advocacy skills with top-notch opponents," said Ronald L. Carlson, professor of law and coordinator of WU's Mock Trial team. "It's a good opportunity for all our students to see, study and emulate the top young advocates from across the country."

This year's competition will be continued on p. 3.
Face craft — continued from p. 1

said, "and let the surgeons see the entire skull from the outside, the inside, from the top, bottom, front or back." The images now being constructed are so realistic and accurate in scale that prostheses can be made from them. One Barnes Hospital patient suffered facial damage and lost bone tissue as the result of a brain tumor that invaded the right-front position of her skull. A plastic prosthesis was designed from the 3-D image of her skull, installed during surgery and fit exactly into the hole left when the tumor was removed. In the past, the prosthesis had to be designed from rough measurements taken on the face or from fragmentary data gleaned from single CAT scan slices.

Hoping to get advice to develop a graphics program, the WU researchers first met with officials of the McDonnell Douglas Automation Company's Health Services Division in early 1981. Jim Warren, unit chief in the engineering design division of McAir, which designs and builds tactical and passenger aircraft, discovered a fortunate coincidence in preparing his presentation to the WU investigators. Engineers at McDonnell Douglas had adapted design programs to create a "generic male face" for making gas masks safer and more efficient.

Warren's presentation marked the beginning of a collaboration now dubbed CASPR (pronounced Casper) for Computer Aided Surgery Project.

Vannier, Marsh and Warren are currently seeking to expand the capabilities of the imaging program. Vannier has already adapted the program to provide a "travel-through view" of the skull. By replaying in quick succession the CAT scan slices that are reconstructed into a 3-D image, he can create a motion picture that gives the impression that the viewer is traveling through the patient's skull, observing the interior contour differences.

Two additional techniques await testing. In one, the researchers plan to create a 3-D video image that will include the skin as well as the bone. In the other, the scientists will use the McDonnell Douglas tie-in between computerized designing and computerized manufacturing to create a solid life-size duplicate of a patient's skull.

Vannier and Warren say that other challenges are on the horizon as well, including trying to color-enhance the 3-D images and trying to show how surgical manipulation will affect a patient's capacity for movement or facial expression.

"There's more in the future than we can imagine," Vannier said. "For the time being it's enough just to note that the functions we have developed are effective tools that can be used in any hospital that currently has a modern CAT scanner."
Campus Notes

G. Lee Judy, executive director of the Child Guidance Clinic at the School of Medicine, has been elected vice president of the St. Louis chapter of the National Society for Fund Raising Executives. The chapter's 115 members are fund raisers in area colleges and universities, hospitals and health-care organizations, and civic groups.

David T. Konig, associate professor of history, recently was elected to a three-year term on the board of directors of the American Society for Legal History. This society is composed of law and history professors whose scholarly field is the history of law.

Robert H. Lewis, a graduate student in electrical engineering and earth and planetary sciences, recently presented a paper, "The Development of a Computer-Controlled Camera System for Archiving Image Data," at the American Institute of Aeronautics and Astronautics (AIAA) annual aerospace sciences meeting in Reno, Nev. He won first place last spring in the AIAA Region 5 graduate student paper contest and represented the region at the national student conference held during the aerospace sciences meeting.

Richard Popkin, professor of philosophy, recently returned to campus after nearly two years spent lecturing, teaching, and doing research in Israel and several European countries. Last year he served as a Fellow at the Huntington Library in Pasadena, Calif., a visiting professor at Emory University, and a research fellow at the Folger Shakespeare Library in Washington, D.C. Most recently, he conducted a lecture series at the University of California-Los Angeles on "Millenarianism and Messianism in 17th- and 18th-century England." During the course of his research, Popkin recovered an unknown work by Spinoza, which he is now translating. He also is preparing a paper on Spinoza's connection with millenarianism in England and Holland. In addition, Popkin is organizing several theological works of Sir Isaac Newton.

Popkin is planning to teach two courses at WU next fall: one on the ideas of Spinoza and another on the philosophy of religion. After this brief reappearance at WU, he will present a lecture series on the history of ideas in Tel Aviv and participate in a "History of Skepticism" conference in Germany in February 1984, which he is organizing.

A year's sabbatical from fall 1981 to summer 1982 has resulted in a variety of scholarly and organizational accomplishments for Carter Reward, professor of English. While conducting research at Oxford last spring and summer, Reward discovered writings in Middle English—a love song, copied in 1370 on the back of a Lilleshall Abbey rental-roll, and two legal documents. All three finds are in process of publication. He also presented a paper on Latin and English contrafacts—song lyrics—to the International Neo-Latin Society's Triennial meeting in St. Andrews, Scotland, in August. In addition to attending various meetings over the past year and a half of the Modern Language Association (MLA), Reward has begun a three-year term as a member of the MLA's Commission on the Languages and Literature of America; was elected to a five-year term on the executive committee of the MLA's Division on Middle English Language and Literature; and organized and chaired an MLA discussion group on American Indian Literature. Forthcoming publications include poetry and fiction to appear in collections of Native American literature. In March he will serve on a panel of the National Research Council to select Native Americans to receive post-doctoral fellowships.

Gustav Schonfeld, professor of preventive medicine and medicine at the School of Medicine, recently addressed an International Diabetes Foundation symposium in Israel on animal diabetes. Schonfeld, director of the school's Lipid Research Center, lectured on "Metabolic and Hormonal Control of Lipoprotein Production." The center is one of 12 in the United States and Canada participating in a 10-year doubleblind study of the effects of cholesterol on heart attack. Schonfeld also is on the staff at Barnes Hospital.

Morton E. Smith, professor of ophthalmology and pathology at the School of Medicine, recently appointed associate secretary for education of the American Academy of Ophthalmology.

Sidra Stich, assistant professor of art and archaeology, will deliver a paper at the annual College Art Association conference to be held in Philadelphia Feb. 17-19. In her talk, "Picasso's Art and Politics in 1936," she will discuss Picasso's association with the left-wing activities during the period of Popular Front power in France. Her sympathy with the Communist Party in June 1936, documented by a previously unpublished drawing, will shed new light on his politicization prior to Guernica (1937).

Martha Storandt, professor of psychology, was elected to the Publications and Communications Board of the American Psychological Association. The board oversaw the publication of the society's 19 journals, its extensive separate publication programs, and its computerized information retrieval program.

Stargazers welcome

The WU Observatory, located atop Crow Hall, is open to the public free of charge on all clear nights, Tuesday-Friday, from 7 to 10 p.m. The historic 1859 telescope can discern various star clusters and nebulae, as well as a galaxy in the constellation Andromeda more than two million light-years away. For more information, call 889-OBSV during the evening.

Moot court—continued from p. 1

jointly hosted by the WU School of Law and the St. Louis law firm of Greensfelder, Hemker, Wiese, Gale and Chapelow. David M. Harris, an attorney with the firm and a 1980 WU School of Law alumnus, and Edward Imwinkelried, WU professor of law, will conduct the competition. The preliminary rounds, a quarterfinal, semi-final, and a final round will constitute this competition. Each round will be graded by a different team of judges. Sixteen teams, two from each law school, will try a hypothetical case by arguing for the defense or prosecution in the first preliminary round and then switching roles and arguing for the opposite side of the case in the second preliminary round. The eight teams with the highest scores in the preliminaries will then enter the elimination rounds, competing until only two teams remain.

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Lectures

Thursday, Feb. 10


Friday, Feb. 11
2:30 p.m. Department of Art and Archaeology Lecture, "The Anatomical Significance of Sigurdri's Loincloth," Christopher Louis, prof. of art history, Bowdoin College. 200 Steinschneider Hall.


Saturday, Feb. 12

Monday, Feb. 14

2 p.m. Department of Chemical Engineering Seminar, "Coherent Detection of Scattered Light from Submicron Particles," Don Pettit, Dept. of Chemical Engineering, U. of Arizona. 100 Gopples II.

8:30 p.m. School of Architecture Lecture, "Some Constellations — Or, Oh My Stars!" Peter Prangell, prof. of architecture, U. of Toronto. Steinberg Auditorium.

Wednesday, Feb. 16


4 p.m. Department of Physics Colloquium, "Dynamical Ordering of Hydrogen Molecules on the Surface of Graphite," A. B. Harris, U. of Pennsylvania. 204 Crow.


Thursday, Feb. 17


Performing Arts

Thursday, Feb. 10
8 p.m. Anne Theatre Company and Hillel Foundation present two one-act plays: "Who Am I This Time?" by Kurt Vonnegut Jr. and "The Law of Don Perlimg," by Garcia Luna. Hilfert House, 6300 Forsyth Blvd. (Also Feb. 12, 13 and 14, same time, Hilfert House.) Gen. admission $4; students and senior citizens, $3. For more information, call 726-6177.

Friday, Feb. 11
7 and 9:45 p.m. WU Filmboaid Series, "Ex- calibur." $2. Brown Hall Aud. (Also Feb., Feb. 12, same time, Brown.)


Sunday, Feb. 13
8 p.m. Nuclear Challenge Film Series, "Dr. Strangelove." Free. 215 Rebsamen.

Monday, Feb. 14
7:30 p.m. and 9:30 p.m. WU Filmboaid Series, "Silent Running." $2. Brown Hall Aud.

Tuesday, Feb. 15

Wednesday, Feb. 16

Friday, Feb. 18
7 and 9:30 p.m. WU Filmboaid Series, "Diner." $2. Brown Hall Aud. (Also Sat., Feb. 19, and Sun., Feb. 20, same time, Brown.)


Sports

Friday, Feb. 11
7:30 p.m. Men's Basketball, WU vs. Washington College. Gen. admission $2; area students $1; WU students free. Francis Gym.

Saturday, Feb. 12
1 p.m. Men's and Women's Swimming, WU vs. Principia College and MacMurray College. Wilson Pool.

7:30 p.m. Men's Basketball, WU vs. DePauw U. Gen. admission $2; area students $1; WU students free. Francis Gym.

Saturday, Feb. 19
1 p.m. Women's Basketball, WU vs. Southwestern Baptist U. Francis Gym.

Calendar Deadline

The deadline to submit items for the Feb.-March 5 calendar of the WU Record is Feb. 10. Items must be typed and two times: 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 include your name and telephone number. Address items to King McElroy, calendar editor, Box 1142.