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WU Record

Published For The Washington University Community

September 12, 1974

Committee Devises Planning Models For Hilltop Campus

An interesting thing happened to the Washington University Planning Committee on its way to writing a report.

The committee concluded that its first order of business would be to show how to plan. Vice Chancellor Lattie F. Coor, who chaired the eleven-member committee, said, "First, our report is very much a working report. It will be the planning process—and not a report—that is the key to better planning."

"The Committee decided that the most important thing a university can do today to plan for the future is to develop an informed base from which all interested parties can plan together," he continued. "We did not try to develop a single, central plan. Instead we tried to provide the basic planning tools—the structures for using data—which each constituent unit of the University could use in developing its own plans in the context of the stringent financial situation facing all private universities."

Mr. Coor said that the committee saw no need to change the "basic objectives that have guided Washington University for the past three decades, namely, to establish a distinguished national university with strong undergraduate and graduate programs."

For improved planning toward these objectives, the committee proposed (1) a financial projection model for plotting the future of the central budget; (2) a set of "key indicators," to be used to inform all segments of the campus of the basic institutional profile, and (3) a basic planning model for program development. The committee also recommended that Chancellor William H. Danforth establish the administrative mechanism for assembling the data it called for, and that this information be updated periodically and compared to data from institutions similar to Washington University. This mechanism is being set up, Mr. Coor said.

In the area of financial projections, for example, one specific recommendation

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Last year, 62,392 inpatients received 640,750 days of care at the Medical Center.

(Photo by Herb Weitman)

Viveca Lindfors to Appear Sept. 13-14

When Viveca Lindfors brings 36 women from life and literature to Edison Theatre Friday and Saturday evenings in her one-woman show, "I Am A Woman," there will be a 37th woman there who is a strong rival in strength, charm, and personal intensity.

Viveca herself.

In a conversation last week, Ms. Lindfors, who has been married four times "but not now," tried to answer the really difficult question: What is it to be a woman?

"We are born biologically one sex or the other, and that destines something about us, don't you think?" she said. "But to be a woman—we do it with fulfillment. Decide what you want to do and then do it."

"There is progress when a woman begins to be able to demand that a man join her in her struggle for fulfillment—but both men and women are still handicapped by social and emotional blocks. A woman must be willing to say, 'If you don't join me, I won't stick around. I might as well be alone.'"

Born in Sweden and now an American citizen, Ms. Lindfors has appeared in more than 50 stage plays and movies, and has won numerous awards.

WU Medical Center Reports Renovation, Treatment Advances

Dr. Samuel B. Guze, president of the Washington University Medical Center, reported Tuesday that changes last year at the Center were marked by "new levels of sophistication in patient services and research, innovative approaches to education, and new and renovated buildings."

In his report to the Center's Board of Directors at their annual meeting, Dr. Guze, who is Washington University's Vice Chancellor for Medical Affairs, said that \$25 million in private capital investment went into new building and renovation projects. "Over the past year more intensive planning has occurred than at any other period in the Center's history. While the Center renews itself from within, a major effort is underway to maintain and improve the neighborhood that surrounds us," Dr. Guze said.

Recently completed construction includes, he reported: (1) the nine-story Sidney M. Shoenberg Pavilion at Jewish Hospital with 180 beds and new radiology and laboratory facilities (2) two floors of the Rand Johnson surgical wing of Barnes Hospital renovated to house 60 surgical beds (3) the Barnes Hospital Emergency Care facilities expanded and modernized (4) renovation of the eighth floor of the David P. Wohl, Jr. Memorial Hospital for the division of cardiology; the third, fourth and fifth floors refurbished for patients (5) Maternity and McMillan Buildings which now house laboratories and offices for four Medical School clinical departments (6) a renovated auditorium in the North Building, named in honor of Dr. Carl V. Moore, former head of the Department of Medicine and (7) the most sophisticated pediatric lifesaving equipment in an intensive care unit at St. Louis Children's Hospital. Dr. Guze added that construction has begun on a 1200-car underground garage, south of Barnes Hospital Plaza.

His report also covered some of the advances in medical care and technology

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Medical Center

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at the Center: (1) a computerized admission system at Barnes Hospital (2) the EMI Scanner, a computerized radiological scanning device at Mallinckrodt Institute, which permits detection of minute variations in brain tissue (3) an ophthalmic ultrasonic scanner used to locate abnormalities of the eye (4) an extension of Central Institute for the Deaf services into area schools (5) development of Children's Hospital's division of endocrinology and metabolism as a major center for the treatment of growth hormone deficiency in children (6) development by Jewish Hospital scientists of new techniques for performing bone biopsy under local anesthesia.

More than \$5.4 million in free patient care was provided last year at the Center. Dr. Guze said that the past year was no exception to the steadily upward trend over the past decade in the volume of patient visits at the Center, as 62,392 inpatients received 640,750 days of care—up 16,933 from 1972. Outpatient and emergency room visits also rose, as 27,230 more patients were treated in the ambulatory care facilities in 1973. This represents 37 per cent of all emergency room-clinic visits made in St. Louis City and County.

Dr. Guze also reported that more than 2200 persons are enrolled in training programs at the Center. One of the changes in traditional courses has been the reorganization of the new Division of Biology and Biomedical Sciences, which enables Medical School faculty to teach undergraduates, and the Biology Department faculty to teach medical students.

In June, 1974, Dr. Guze said, the St. Louis Board of Aldermen passed a bill qualifying the 36-block area within and around the Medical Center for redevelopment under the Missouri Urban Redevelopment Act. A plan detailing land use for the redevelopment area will be submitted to the Board of Aldermen soon, he added.

The Center's Board of Directors re-elected Dr. Guze as president; Raymond E. Rowland, board chairman of Barnes Hospital, as chairman; Norfleet H. Rand, board member of Barnard Free Skin and Cancer Hospital, as secretary; and Joseph F. Ruwisch, board member of Jewish Hospital, as treasurer.

Washington University has approximately 55,000 living alumni. Of this number, some 26,000 live and work in the greater St. Louis area. The remaining 29,000 are spread throughout the world.

Physics Professor Gives Practical Advice On Perils and Pleasures of Biking to Work

By Judy Thomasson



"My younger colleagues swing their bikes over their shoulders," Dr. Norberg said.

(Photo by Gail Cissna)

With gasoline prices and concern for the environment both on the rise, increasing numbers of Washington University faculty and staff members have turned to the trusty bicycle for transportation to and from work.

For practical tips on the delights and dangers of two-wheeler travel, they might well look to Physics Department chairman Richard Norberg. For Professor Norberg, the pedal path from home to work and back again has been all in a day's routine for 20 years.

"The first thing you have to do," says Professor Norberg, "is to find a route with no chuck holes, iron grills, or unfriendly dogs. Then you have to stay away from traffic as well as you can. And you have to look out for people opening car doors. That's a real hazard."

His own carefully worked out route takes Professor Norberg from his home at 7134 Princeton to the sidewalks along Delmar, then cautiously across Delmar to Ames Place, up University Drive and across Millbrook onto the campus.

"It's downhill all the way coming," he says, "but I have to work hard in the evening coming home."

The trip takes him eight minutes, give or take a few seconds for the changing of the Millbrook stoplight.

Once safely inside the Physics building (which had a rear ramp incorporated into its design in 1969), cyclists must be alert to the danger of having their bikes stolen. Bicycle theft, says

Professor Norberg, is the number one campus crime in America today.

Using a lock is the obvious answer to this threat; and Professor Norberg further protects himself, he says, "by riding a bike nobody would want to steal."

His black three-speed English Raleigh, about 20 years old, sports a pair of wire granny baskets on the rear: very useful for carrying a lunch pail on one side and a briefcase on the other.

Professor Norberg delights in the fact that many of his colleagues among the two dozen cyclists in the Physics Department have switched to the granny baskets, after experimenting with the more fashionable back packs featured among the accoutrements available to nouveau afficianados in bicycle boutiques.

Besides his baskets and a plain silver clip around his left trouser cuff, the only accessories Professor Norberg finds necessary are rainsuits. He keeps at least one at home and one in his office, because he refuses to be grounded by any whims of St. Louis weather except deep snow and slick ice.

"There are about two months out of the year when it's impossible to get around on a bicycle," he says, "and then I resort to walking."

Parking Ban Announced

Effective immediately, WU faculty, staff and students will no longer be permitted to park their cars on Clayton streets adjacent to the South 40: Ellenwood, Wydown, Cecil and University Lane, or on Northmoor in University City west of Big Bend.

According to Vice Chancellor Robert Virgil, South 40 students who are not eligible for brown parking stickers and who have brought their cars to St. Louis this fall may purchase temporary white stickers. The white stickers, which entitle dormitory students to park in any yellow parking zones north of Forsyth Blvd., are good for the fall semester only and cost half as much as yellow stickers. Mr. Virgil explained that the white stickers are designed to provide parking for non-resident students until they can arrange to take their cars home during the holidays.

Offenders will receive warning notices upon first violation. Subsequently they will be subject to a fine. For further information on University parking regulations, call the campus police at 863-0100, ext. 4987.

New Deans, Department Chairmen Announced

Arts and Sciences: Anthropology: John W. Bennett, professor of anthropology, succeeds Stephen Molnar, associate professor of anthropology, as chairman; Black Studies Program: Jack A. Kirkland, associate professor of black studies and social work, succeeds Robert L. Williams, professor of psychology and black studies, as chairman; Graduate Institute of Education: Barry D. Anderson, formerly acting director of the G.I.E., now serves as director; History: Richard W. Davis, professor of history, replaces Rowland T. Berthoff, professor of history, as chairman; Mathematics: Robert H. McDowell, professor of mathematics, replaces Franklin T. Haimo, professor of mathematics, as chairman.

School of Law: Steven Korenblat replaces Joan P. Cronin as assistant dean.

School of Engineering: The School of Engineering and Applied Science has restructured its academic departments with the creation of a Department of Computer Science headed by acting chairman Seymour K. Pollack, professor of computer science, and a Department of Systems Science and Mathematics headed by John Zaborszky, professor of engineering. These two newly created units supplant the former Department of Applied Mathematics and Computer Science chaired by Professor William Ball, who will return to full-time teaching and research, and the Interdepartmental Graduate Program in Control Systems Science and Engineering guided for the past several years by Professor Zaborszky. H. Boulter Kelsey, Jr. has been appointed assistant dean of Engineering and Applied Science and the Sever Institute.

Medical School: Elmer B. Brown, M.D., professor of medicine, has been named associate dean for continuing medical education. Hugh Morrison, assistant dean for financial affairs, will now also serve as assistant vice chancellor for medical affairs. Gordon W. Philpott, M.D., associate professor of surgery, assumes the new post of assistant dean for curriculum. A new Department of Neurology and Neurological Surgery has been formed. It is headed by William M. Landau, M.D. and Sydney Goldring,

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RECOGNITIONS

MRS. DOROTHY R. HARRISON, assistant professor and assistant dean of practice coordination in WU's School of Social Work, has been appointed to the St. Louis Council on Human Relations by Mayor John H. Poelker. She will serve a three-year term.

L. DARYL TRYSON, a graduate student in chemical engineering at WU, has received one of 11 national fellowships awarded by the Plastics Institute of America.

DOROTHY A. BROCKHOFF, senior writer in the WU Information Office, has won first prize from the National Federation of Press Women, Inc., for her article, "Lucius Barker—Portrait of a Political Scientist," published in the *WU Magazine*. The profile of Professor Barker is the second first prize awarded to Ms. Brockhoff in the federation's annual competition.

APPOINTMENTS

ARTHUR B. CLEAVES, professor emeritus of geological engineering in WU's Department of Earth Sciences, has been appointed to the National Research Council's executive committee on tunneling technology. He has directed the building of tunnels throughout the world.

A CANDIDATE FOR THE DOCTORAL DEGREE in music at Washington University, Ralph Buels, has succeeded E. Alan Wood as coordinator of concert music programming at KFUD-FM. He studied with pianist Ruth Slenczynska at S.I.U. (Edwardsville), where he received a master's degree in piano performance and music theory in 1972 before beginning his studies here.

M.D. Dr. Landau is professor of neurology and head of the Department of Neurology. Dr. Goldring is professor of neurological surgery and head of the Department of Neurological Surgery.

Appointments announced late last semester include: Constantine E. Michaelides, former acting dean of the School of Architecture, to dean; Edward T. Foote, former acting dean of the School of Law, to dean; Shanti Khinduka as dean of the George Warren Brown School of Social Work succeeding Ronald L. Feldman, formerly acting dean; and Lt. Col. Dahl J. Cento, director of the Washington University, Army ROTC Program, as replacement for Col. Paul Otis, who retired last spring.

General Counsel Named

Peter H. Ruger, a St. Louis lawyer and former Assistant Attorney General of Missouri, has been named General Counsel of Washington University. He will assume his post in early October.



Mr. Ruger is a member of the law firm of Husch, Eppenger, Donohue, Elson and Cornfeld of St. Louis. As Assistant Attorney General from 1971 to 1973 his primary responsibility was to represent the Missouri Department of Revenue on tax litigation matters. His duties also included serving as counsel for the Missouri Commission on Higher Education.

A graduate of Denison University, Mr. Ruger received his master's degree in history and his law degree from Washington University. He was elected to Phi Beta Kappa and served on the Board of Editors of the Washington University Law Quarterly.

A resident of Kirkwood Mo., Mr. Ruger is married and has two children.

GRAHAM W. J. BEAL, former gallery director and art history lecturer at the University of South Dakota, has been named director of WU's Steinberg Gallery of Art.

NEWS BRIEFS

MURRAY L. WEIDENBAUM, Mallinckrodt Distinguished University Professor at WU and former Assistant U.S. Secretary of the Treasury for Economic Policy, testified before the U.S. Senate Committee on the Budget in Washington, D.C. recently. Professor Weidenbaum recommended six measures to cut federal spending, including the adoption of a government-wide program budget.

DR. DONALD BURNETT, visiting professor in the WU Laboratory for Space Science, was chairman of a symposium on measurements of lunar materials this week at the national American Chemical Society meeting in Atlantic City. Invited papers by two WU assistant professors of earth science are being given at the symposium: Ghislaine Crozaz, on solar flare and galactic cosmic ray studies, and Raymond Arvidson, on the redistribution of mass on the lunar and Martian surfaces. Dr. Burnett is a member of the California Institute of Technology's Geology Department.

Calendar

September 12-18

THURSDAY, SEPTEMBER 12

10 a.m. Department of Systems Science and Mathematics Seminar, "Classification, Approximation and Structural Stability of Control Systems," by Professor Arthur J. Krener, Mathematics Department, University of California at Davis. Cupples II, Room 100.

2:30 p.m. Mechanical and Aerospace Engineering and Computer Science Joint Colloquium, "Computer-Aided Design-Drafting (CADD): An Advanced Design Tool." Cupples II, Room 100.

4 p.m. Chemistry Department Seminar, "Pi vs. Sigma Radicals," by Tom Lin, assistant professor of physical chemistry, WU. McMillen Laboratory, Room 311.

MONDAY, SEPTEMBER 16

4 p.m. Class, "Altered States of Consciousness," taught by Ed Shamsky, former director of Acid Rescue, and Ray Nesmith, executive, WU Campus "Y" and instructor in GIE. Mallinckrodt 304. Open to upperclassmen. Program fee \$5.

WEDNESDAY, SEPTEMBER 18

9-10 a.m. Continuing Education for Women Short Course, "Writing Workshops." Instructor, Margot Sitkoff, publications and communications, Office of Campus Programming. Cupples I, Room 203. Course fee \$60. For further information call 863-0100, ext. 4261.

10-11:30 a.m. Alumni Office and School of Continuing Education Short Course, "Behavior of Missouri Animals: Selected Observations." Instructor, Richard W. Coles, director, Tyson Research Center. Alumni House. Course fee: \$40. For further information, call 863-0100, ext. 4261.

11 a.m. Assembly Series, Robert Meeropol for the Committee to Re-Open the Rosenberg Case. Sponsored by the Academic Committee. Graham Chapel.

EXHIBITIONS

Great Ideas in Western Thought. Original interpretations of between 60 and 70 Great Ideas in Western Thought, through courtesy of the Container Corporation of America. Steinberg Gallery through October 6. Viewing hours 9 a.m.-5 p.m. weekdays, 10 a.m.-4 p.m. Saturdays, 1-5 p.m. Sundays.

St. Louis Car Company Exhibit. A collection of memorabilia including photographs and scale models of vehicles built by the St. Louis Car Company from 1887 to 1973. Open 8:30 a.m.-5 p.m. weekdays, Olin Library, Level 5, through December.

PERFORMING ARTS

FRIDAY, SEPTEMBER 13

8 p.m. Performing Arts Series, Viveca Lindfors in "I Am A Woman." Edison Theatre. WU students \$2, WU faculty and staff, \$3.50, general admission \$4.50. Also on Saturday at 8 p.m.

FILMS

SUNDAY, SEPTEMBER 15

2:30 p.m. Special Film Series, "Buster Keaton Rides Again." Steinberg Auditorium, \$1.25.

SPORTS

SATURDAY, SEPTEMBER 14

11 a.m. Track, Rolla Dual Cross Country at WU.

1:30 p.m. Football, Battling Bears vs. Central Methodist College at Francis Field. Season tickets \$15; gate price \$3.50.

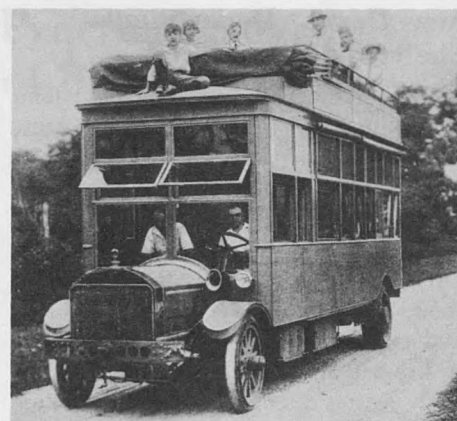
WEDNESDAY, SEPTEMBER 18

4 p.m. Track, Millikin-UMSL Tri Dual Cross Country at WU.

ANNOUNCEMENTS

DEADLINE FOR APPLICATIONS for Fulbright Grants and Marshall Scholarships for the 1975-76 academic year is Oct. 15, 1974. Approximately 570 Fulbright Grants for graduate study in 50 countries and 24 Marshall Scholarships for graduate study in the United Kingdom will be awarded nationally. For further information and application forms, call or stop by the International Office in the Stix House on campus, 863-0100, ext. 4236.

A NOTED SCHOLAR, Professor Leopold David Ettlinger, will serve as art historian-in-residence at Washington University from Sept. 15-20. Chairman of the art history department at the University of California at Berkeley, Professor Ettlinger will give a free public lecture on "The Portrait of the Artist as Artist in Nineteenth Century Painting" at 8 p.m., Thursday, Sept. 19 in Steinberg Hall.



A 1914 double deck motor bus from the St. Louis Car Company collection.

Plan

(Continued from page 1)

by the committee is that the income and expenditure options of the University's central budget be projected five years into the future and that the projections "be made an active part of the discussion of the various bodies that advise the Chancellor."

The committee charted several five-year projections and concluded that "the pieces do not all fit together without significant increases in various sources of income, or without a significant flattening of expenditures."

"In fiscal year 1974, 52 per cent of the total expenditures will have been provided by tuition income," the report stated. "That figure will rise to 60 per cent by 1979, using the highest of four tuition options, or 58 per cent using the lowest. In 1974, undergraduate tuition accounted for 42 per cent of total expenditure, and that percentage will rise to 48 to 50 per cent by 1979.

"The planning committee is concerned about the long-range implications of becoming too heavily reliant on tuition income, especially undergraduate tuition income. One of the major strengths of Washington University in recent years has been the multi-faceted base of its support. This has enabled the University to have enough flexibility to offset temporary declines in one source, say federal government support, by increases in other sources such as gifts."

The committee's next recommendation under financial projections, therefore, was that "alternate sources of support should be developed so that the institution will not become more heavily reliant on tuition income in the future."

Planning committee members in addition to Mr. Coor are: Carl A. Dauten, Merle Kling, Lucian Krukowski, William H. Kurth, James M. McKelvey, Joseph Schrajman, Robert Virgil, Murray Weidenbaum, Guido Weiss, and David Luecke, secretary.