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Committee Reports
On Undergraduate
Recruitment at WU

Washington University has done a good job during the past 15 years in competing nationally for undergraduates of high academic potential. But there are formidable challenges facing the University if it is to maintain the academic quality of its student body and at the same time make even a modest increase in undergraduate enrollment. The challenges stem in part from a projected decline in the overall national number of students who enter college, and a simultaneous expansion of classes at a group of highly selective private universities and state schools.

These statements are oversimplifications of detailed comments in the report on undergraduate education and recruitment by the University’s Planning Committee; but they pose the dilemma it faced in drawing up recommendations on the subject.

After a study of the University’s financial options and of the undergraduate program, the committee recommended: (1) that the quality of the undergraduate student body be maintained at the aggregate average of quality of the entering students over the past five years in arts and sciences, business, engineering, architecture and fine arts (this includes several indicators, e.g., SAT scores, high school rank and special talents); (2) that the University continue its policy of actively seeking and supporting minority students (the committee noted that the University has met its goal—set in 1969—to allocate 25 per cent of its annual scholarship budget to qualified minority students) and (3) that the University increase its undergraduate student body by 10 per cent over the 1973 fall enrollment of 3984—or by approximately 400 new students.

The report stated that “while additional new freshmen will be required, the committee recommends that special emphasis be put on placing as many of the additional students as possible in the upper-division programs through im-

(Continued on page 2)

Salisbury to Head New Public Affairs Center on Campus

A new Center for the Study of Public Affairs, aimed at bringing together the resources of academic political science programs and professionals in the public sector, will be initiated at Washington University in October. The center will be headed by Professor of Political Science Robert H. Salisbury and implemented within the Political Science Department.

One component of the center will be a teaching program offering a master’s degree in public affairs, aimed at persons who are or hope to be employed in the public sector. Plans are underway to experiment with academic programs which will enable students to participate while working full time.

“The tendency in recent years has been to concentrate on Ph.D. programs, but today there are too few job openings in the academic world,” Professor Salisbury said. “The new center program will be specifically designed to open career opportunities in the public sector.”

In addition to the teaching program, a second component of the center will involve conferences, periodic seminars, and “conversations” to bring together faculty persons and those in the local and national communities, in an effort to increase understanding between academics and non-academics.

A spring conference already in the planning stage will bring to Washington University, as a Visiting Fellow, Carol Tucker Foreman, Executive Director of the Consumer Federation of America in Washington, D.C. Ms. Foreman is an alumna of the University. Professor Salisbury describes the Visiting Fellow Program as a flexible innovation which would bring persons of stature from such fields as journalism and government service to the campus for varying periods of time, to study and write, and to lecture and talk with students.

Encounters with such experts, Professor Salisbury said, “will be an important supplement to the students’ academic work.”
WU-NASA Team Develops Blood Monitor; Device Wins Industrial Research Award

By Dorothy Brockhoff

A new ultrasonic instrument for use in monitoring microscopic particles in a patient’s blood during open-heart surgery has been developed by a team of five researchers at Washington University and NASA Langley Research Center, Hampton, Va. This device, a continuous wave ultrasonic microemboli monitor, has been cited as one of the 100 most significant new technical products of 1974 by Industrial Research magazine.

The research team, four physicists and a surgeon, is headed by Professor James G. Miller, associate director for biomedical physics at the Washington University Laboratory for Ultrasonics. Other members of the group include three Washington University graduate students, Joseph S. Heyman, Mark S. Conradi, and Dennis R. Dietz. Heyman is also research physicist at the NASA Langley Research Center. The fifth member of the team is Dr. Richard E. Clark, associate professor in the University’s Medical and Engineering Schools and assistant surgeon in cardiothoracic surgery at Barnes Hospital.

Their new monitor is essentially an ultrasonic alarm system. It is able to detect and identify microscopic particles in the blood which may cause serious damage to a patient while undergoing prolonged open heart surgery. The exact nature of these particles is still unknown, but scientists are certain that they are produced in some manner through the use of heart-lung machines. In open-heart surgery lasting a comparatively short time the particles do not represent a serious threat. They may be responsible, however, for damage to the brain or kidneys of patients who require a substantial period of time on bypass equipment. With the monitor, the surgeon may now be able to determine the possible role of the particles in some post-operative complications.

Earlier types of monitors, developed for non-medical applications and subsequently adapted for use in open heart surgery have been reported, but they are cumbersome and expensive. Professor Miller explained: “We have achieved an important breakthrough not only in performance, but also in cost, with our instrument at least a factor of ten times cheaper than previously available devices.” It is expected that the monitor, when produced commercially, will be priced at between one and two thousand dollars as compared with presently available monitors costing between 25 and 30 thousand dollars.

The Industrial Research Award for the monitor will be presented tonight at a dinner in Chicago’s Museum of Science and Industry. Linda S. Wilson, the University’s associate vice chancellor for research, and G. Barry Graves, director of electronics at the NASA Langley Center, will accept the award on behalf of the research team.

Playward Bus Company To Appear on Campus

The Playward Bus Theatre Company of Philadelphia, an all black repertory group, will present James Weldon Johnson’s “God’s Trombones” on Saturday, Sept. 21, in Edison Theatre. “God’s Trombones,” seven Negro sermons in verse, is produced and directed by James Mapp. Its title reflects the author’s feeling that the trombone, with its wide range of tone, is of all musical instruments most like the human voice.

The company was founded in 1958 in New York by Mr. Mapp and was later moved to Philadelphia with the goals of encouraging theatre attendance by residents of poor neighborhoods, establishing a permanent repertory company in Philadelphia, and training and developing local talent for the professional stage. General admission to “God’s Trombones” is $4.50; WU faculty/staff, $3.50; WU students, $2. For further information, call the theatre box office at 863-0100, ext. 4113 or 4114.

Recruitment (Continued from page 1)

proved retention of students and through the recruitment of additional transfer students.”

The committee asked that a detailed plan be commissioned by the Chancellor each year, specifying the number of new students desired in each category and the steps to recruit them. It stressed that the plan should spell out steps for retaining existing students and for “recruiting talented students for those programs in the University where we have demonstrable under-utilized capacity. Evaluation and recruitment should be based on a school by school basis.” For the plan to be successful, “the faculty and administration of each school should be drawn actively into the recruitment and evaluation procedure,” the committee emphasized.

In order for the University to maintain academic quality of its undergraduates, the committee pointed out that the University first must significantly increase the pool of applicants for undergraduate enrollment. Its several recommendations on steps to help bring about increased applicants included: (1) development of a program to improve the University’s public recognition, or visibility, especially among prospective students; (2) on-campus educational programs for high school students (3) summer programs for high school students as part of an overall recruitment plan (4) expansion of techniques such as the use of general direct mail appeal and competitive scholarships (5) more careful follow-through on lists of students who have shown interest in the University but who have not formally applied and (6) specific steps to improve the “yield” or number of students who actually enroll after being admitted.

The committee, which was chaired by University Vice Chancellor Lattie Coor, stressed, however, that quality and size of the student body “depends, in the final analysis, on the nature and quality of the undergraduate program.” It stated that while “the quality of instruction is high” and courses are diverse and flexible, the University should periodically assess shifting student and parental attitudes, which include increasing interest in more structured and career-oriented course offerings.

Washington University has approximately 40 named professorships. Fifteen of these chairs are within the College of Arts and Sciences and the Graduate School, three are in engineering, five in law, and eighteen in the School of Medicine.
Law School Wing Under Construction

A new wing costing about one million dollars is being constructed at the Seeley G. Mudd Law Building. The addition is to be completed by next summer.

The wing will provide more space for faculty offices, expansion of the Eugene A. and Adyln Freund Law Library and two new classrooms. With the addition, the school will have capacity for 200,000 volumes in the library which now has 130,000 books.

Burgeoning enrollment at the law school makes the addition necessary. The law school was planned to accommodate 350 students but 532 students were enrolled last year.

The new law school was completed in 1971 with the expectation that expansion of the library would be necessary. The architects left room beneath the tiered classrooms on the north (Millbrook) side for future expansion of the library. A grant of $1.75 million from the Seeley G. Mudd Fund completed financing of the original building in 1971.

By his will, Dr. Seeley Greenleaf Mudd created the Seeley G. Mudd Fund to make grants to leading private colleges and universities for buildings. His father, Seeley Wintersmith Mudd, founder of the Cyprus Mines Corporation, received an engineering degree from the University in 1883. A number of Dr. Mudd’s other ancestors were also alumni of the University.

APPOINTMENTS

TWO NEW ASSOCIATE DIRECTORS OF ALUMNI RELATIONS at WU have been appointed. They are Donald J. McLain, former executive director of the American Optometric Foundation, and Murray J. (Joe) Schluchter, former Associate Director of Development at Culver Military Academy, Culver, Ind. Mr. McLain will be responsible for alumni and philanthropic activities within the professional schools of Social Work, Law, Medicine, and Dental Medicine. Mr. Schluchter will be responsible for major donor areas.

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NEWS BRIEFS

NEWLY ELECTED OFFICERS OF THE WASHINGTON UNIVERSITY MEDICAL CENTER are Landon Y. Jones, board member of St. Louis Children’s Hospital, vice chairman; Dr. Philip R. Dodge, head of the WU Pediatrics Department, vice president; Dr. M. Kenton King, dean of the WU Medical School, assistant secretary; and Hugh Morrison, WU assistant dean and assistant vice chancellor, assistant treasurer. The Medical Center board of directors re-elected as chairman Raymond E. Rowland, chairman of the Barnes Hospital board; Dr. Samuel B. Guze, WU vice chancellor for medical affairs, as president; Norfleet H. Rand, board member of Barnard Free Skin and Cancer Hospital, secretary; and Joseph F. Ruwitch, board member of the Jewish Hospital of St. Louis, treasurer.

BARRY COMMONER, director of the WU Center for the Biology of Natural Systems, testified last week in Chicago at the Federal Energy Administration’s hearings on Project Independence, which is seeking ways of making this country self-sufficient in terms of energy. He presented a comparative look at non-renewable energy and solar energy; he also discussed environmental, economic and national security implications of continued reliance on non-renewable energy sources.

WU MEDICAL SCHOOL PERSONNEL will soon be able to cross Euclid Ave. safely. Construction will be completed by December on a 175-foot concrete and plexiglass bridge from the second level of McMillan Hospital to the entry vestibule of the North Building, 4580 Scott Ave. The $160,000 structure will provide direct access from the Medical School proper to the research complex and Barnes Hospital to the west.

ANNOUNCEMENTS

THE THIRD ANNUAL WU STAFF DAY will be held Saturday, Sept. 28, on campus. Activities will include a free lunch at 11 a.m. in the Commons Room, Mallinckrodt Center, and free admission to the WU-Southwestern at Memphis football game at 1:30 p.m. on Francis Field. The event is given annually by Chancellor Danforth for non-academic staff and their families. For further information, call the Personnel Office at 863-0100, ext. 4691.


THE WU WOMAN’S CLUB will sponsor a “Faculty Night” pot luck dinner at 6:30 p.m. Saturday, Sept. 21, in Holmes Lounge. The event, which will have a 1920’s theme, will feature banjo music, a barber shop quartet, films and door prizes. Interested persons are asked to call Lyla Georgian, 966-3544, or Claire Honnell, 725-3201, to make reservations and indicate what dish they can bring.

WU STUDENTS may purchase a $15 season pass to 14 performing arts events in Edison Theatre this year. The pass represents a 50 per cent savings on regular student ticket prices. For further information on upcoming theatre events, stop by the Edison Theatre box office in Mallinckrodt Center or call 863-0100, ext. 4113 or 4114. Box office hours are 9-4 weekdays and one hour prior to performances.

SVETOZAR STOJANOVIC, professor of philosophy at the University of Belgrade, Yugoslavia, is a visiting professor of philosophy and sociology for the current semester. One of Europe’s foremost social philosophers, he is author of the book, Between Ideals and Realities, which has been translated into many languages.

SEASON AND SERIES TICKETS for the 15 evenings of chamber music entitled “A Musical Offering” to be presented by the University and the Saint Louis Symphony Orchestra beginning Monday, Sept. 30 in Edison Theatre are still available. Special rates are offered to students as well as faculty and staff. Call the Symphony ticket office at 533-2500 for complete information.

Washington University has an Off-Campus Housing Service located at 6924 Millbrook in the Faculty Apartments.
THURSDAY, SEPTEMBER 19

1:30-3 p.m. Continuing Education for Women Short Course, "Women and the Law," taught by Marilyn Ireland, assistant professor of law, Thursdays through Oct. 24. Women's Building. Also taught from 7:30-9 p.m., Mudd Law Building.

4 p.m. Chemistry Department Seminar, "Pulse EPR on Molecular Motion," by Dr. I. M. Brown of McDonnell Douglas Laboratories. McMillen Laboratory, Room 311. Preceded by a coffee at 3:30 p.m.

4:30 p.m. Department of Mathematics Colloquium, "What Is Foliation Theory?" by Dr. Claude Godbillon, professor, University of Strasbourg, France. Cupples I, Room 199. Preceded by a tea at 4 p.m. in Cupples I, Room 222.

8 p.m. Lecture, "The Portrait of the Artist as Artist in Nineteenth Century Painting," by Professor Leopold David Ettlinger, chairman, department of art history, University of California at Berkeley. Steinberg Hall.

SATURDAY, SEPTEMBER 21
6:30 p.m. "Great Gatsby" Faculty Night Pot Luck Supper and Party, given by the WU Woman's Club. Holmes Lounge. Free to faculty members.

MONDAY, SEPTEMBER 23
9 a.m.-4:30 p.m. School of Business and Public Administration and School of Continuing Education Three-Day Short Course, "Project Management: Planning, Scheduling and Control." Cupples II, 215.


TUESDAY, SEPTEMBER 24
9:30-11:30 a.m. Continuing Education for Women Short Course, "Women, 70's/Life Planning Seminars," taught by Jean M. Pennington, director, CEW, and Havel Z. Sprandel, director, Career Resources Center, Tuesdays through Nov. 12. Also offered 7:30-9:30 p.m. Wednesdays, Sept. 25-Nov. 13.

WEDNESDAY, SEPTEMBER 25
11 a.m. WU Assembly Series Lecture, by Professor Paul McCracken, economist, School of Business Administration, University of Michigan. Graham Chapel.

4 p.m. Department of Cellular and Developmental Biology Seminar, "Genetics of Cell Transformation by Simian Virus 40," by Dr. Carlo M. Croce, professor, the Wistar Institute, Philadelphia, Pa. Cori Auditorium.

4 p.m. Division of Biology and Biomedical Sciences Molecular Biology Seminar, "A Salty Saga: Carrier-Mediated Sodium-

"La Suze," by Pablo Picasso, is part of a Picasso-Rouault exhibit in Steinberg Hall.

Calcium Exchange in the Squid Axon," by Mordecai Blaustein, associate professor of physiology and biophysics. Rehostock 213.

PERFORMING ARTS

SATURDAY, SEPTEMBER 21
7:30 p.m. Piano Concert by James Ward, sponsored by WU Christian Fellowship. Graham Chapel.

8 p.m. "God's Trombones," by James Weldon Johnson, Negro sermons in free verse with music, presented by the Playward Bus Theatre Company of Philadelphia, in Edison Theatre. General admission, $4.50; WU faculty/staff, $3.50; WU students, $2.

EXHIBITIONS

Display of Picasso and Rouault Works from the WU Collection of Art, including Picasso's "Les Femmes d'Alger," given by the late Mrs. Mark C. Steinberg, on exhibit for the first time. Lower level, center gallery of Steinberg Auditorium. Viewing hours: 8:30 a.m.-5 p.m. Weekdays; 10 a.m.-4 p.m. Saturdays; 1-5 p.m. Sundays.

Original Interpretations of Between 60 and 70 "Great Ideas of Western Man," on exhibit through the courtesy of the Container Corporation of America. Steinberg Gallery. Viewing hours: 9 a.m.-5 p.m. weekdays; 10 a.m.-4 p.m. Saturdays; 1-5 p.m. Sundays.

Memorabilia of the St. Louis Car Company, including scale models and photographs of vehicles built here from the 1890's to 1973. Level Five, Olin Library. Viewing hours: 8:30 a.m.-5 p.m. weekdays.

"Washington U. Has It All from A to Z," an exhibition illustrating the Olin Library classification system. Third level of the library. Viewing hours: 8 a.m.-midnight, Monday-Thursday; 8 a.m.-10 p.m. Fridays; 9 a.m.-10 p.m. Saturdays; 11 a.m.-midnight Sundays.

FILMS

FRIDAY, SEPTEMBER 20
7:30 and 9:30 p.m. "Carnal Knowledge," 12 midnight "Bullitt," WU Filmboard Series, Wohl Center Line D. Admission $1, $1.50 to double feature.

SATURDAY, SEPTEMBER 21

TUESDAY, SEPTEMBER 24
7:30 p.m. "It Happened One Night," 9:30 p.m. "Casablanca." WU Filmboard Series Brown Hall Theatre. Admission $1, $1.50 to double feature.

WEDNESDAY, SEPTEMBER 25
7:30 and 9:30 p.m. WU Filmboard Series, "Gate of Hell." Brown Hall Theatre. Admission $1.

SPORTS

SATURDAY, SEPTEMBER 21
11 a.m. Track, Principia Dual at Principia, Elsah, Ill.

2 p.m. Soccer, WU vs. William Jewell College at Francis Field.

TUESDAY, SEPTEMBER 24
4 p.m. Track, Greenville-William Jewell at WU.

WEDNESDAY, SEPTEMBER 25
4 p.m. Soccer, WU vs. Harris Teachers College at Harris Teachers College.

Gellhorn Lounge Now Open On First Floor, Olin Library

The most recent tribute to the late Edna Fischel Gellhorn on this campus is a commodious lounge beneath the southeast staircase on the first floor of Olin Library. Its chalk white bookcase and navy blue, leather sofas are screened by a beige panel on which is mounted a bronze bust of Mrs. Gellhorn sculpted in her 88th year by Mrs. Aaron Fischer.

The Gellhorn Lounge was made possible by an anonymous donor. It is a haven for those interested, as Mrs. Gellhorn was, in public affairs. A simple inscription directly above the books states that "in keeping with Edna Gellhorn's lifelong interest in public affairs, these books relating to current issues are provided for your leisure reading." This library within Olin Library does not circulate—it is meant for browsers interested in sampling volumes ranging from Urban Politics and Public Policy by Lineberry and Shankovsky to The Mental Breakdown of a Nation by J. Herbert Fill.