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# WU Record

Published For The Washington University Community

September 26, 1974

## First Year Class Largest Ever at WU Dental School

The largest entering class in the history of the WU School of Dental Medicine—84 students—has begun first-level studies. Members of the class were selected from more than 2700 applicants for admission, also a record high, representing an increase of 370 per cent over the past three years.

The sharp increase in the size of the entering class (first-level classes had averaged 60 students in recent years) is due to the transition of the School of Dental Medicine from a four-year to a three-year curriculum. In order to maintain the overall size of the dental student body, each of the three class levels will be substantially larger, beginning this year with the new class.

The school is one of several U.S. dental schools now in the process of changing to a three-year curriculum. The change represents a compression of the dental education process.

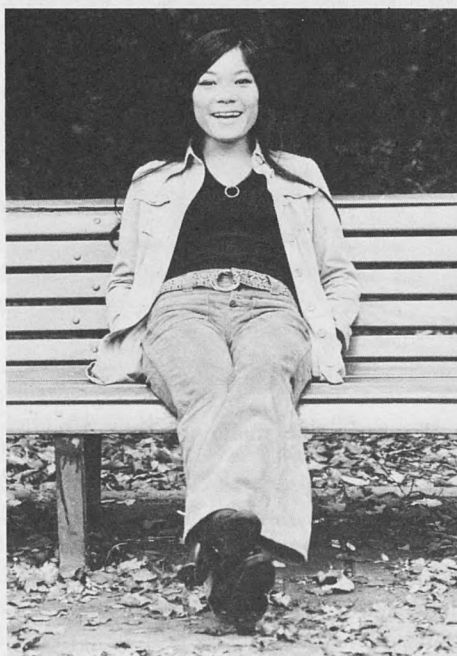
Degrees will be awarded after three academic years of 11 months each, compared to the old schedule of four years of nine months each.

Dean John T. Bird said the primary reasons for the compression of the curriculum are: (1) there is a substantial shortage of dental care in many parts of the nation and the need for such care demands that new dentists be educated as quickly as possible, without any loss in the quality of the education and (2) the introduction of the 11-month academic year will provide maximum utilization of the school's physical facilities.

Dean Bird said the record number of applicants reflects the program's appeal.

As part of the change to a three-year program, the entire curriculum and educational methodology at the School of Dental Medicine are being evaluated by a curriculum committee chaired by Dr. Richard Diemer, Assistant Dean for Educational Development.

Members of the new first level class at the Dental School represent 17 states, with the largest number — 27 — coming from California.



Etsuko Tazaki

## Concert Pianist to Perform in Edison

Washington University's Music Department has them both—Trebzor Tichenor, a ragtime pianist nationally acclaimed for his encyclopedic knowledge of Scott Joplin, and now a young, engaging and superbly talented Japanese concert pianist, Etsuko Tazaki.

Miss Tazaki, who made her campus debut at a special Graham Chapel recital last spring, recently joined the faculty as artist-in-residence. During the next few months, a much larger audience will be privileged to hear her perform. She will appear with members of the St. Louis Symphony Orchestra at two of the "Musical Offering" series of chamber music programs at 8 p.m. in Edison Theatre. On Monday, Sept. 30 she will play Liszt's "Sonata," and on Monday, Jan. 27 Beethoven's "Diabelli Variations."

Music lovers can spend an entire evening with Miss Tazaki and two of her favorite composers, Schubert and Liszt, in a solo recital at Forest Park Community College's theater on Wednesday evening, Oct. 23 at 8 p.m. Next spring, she will play two Liszt compositions, "Totentanz" and "Piano Concerto No. 2"

(Continued on page 2)

## Affirmative Action Reports Progress During Past Year

"The 1973-74 Affirmative Action year at Washington University may best be characterized as one in which all of the pieces began to fall in place," according to Gloria White, WU's Affirmative Action Officer, in her second annual report.

Some of the important pieces cited in the report follow.

(1) new, non-academic appointments on the hilltop campus during the past year included the hiring of 99 minority group individuals and 176 women; these totals were 36 per cent and 65 per cent, respectively, of all new employees.

(2) new academic appointments included 45 per cent, or eight minority individuals and women among all 17 new faculty members hired in the College of Arts and Sciences.

(3) installation of a job classification system, including salary-range guides; comparative information on employees in the system may be retrieved from the computer facilities.

(4) development of coordination procedures on Affirmative Action between the Medical School and Hilltop campuses.

(5) establishment of formal monitoring procedures for vacancies in the University's central administration.

Regarding the latter development, Mrs. White pointed out that each school of the University has monitored its own appointments and will continue to do so; appointments of non-academic staff (hired by departments through the Personnel Office) will continue to be monitored by the Personnel and Affirmative

(Continued on page 4)

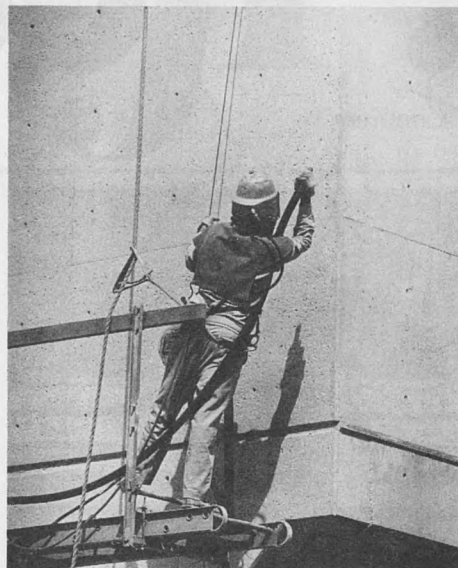


Gloria White



## Two New Buildings for Music and Biology Departments Near Completion on Campus

By Dorothy Brockhoff



A determined student balances precariously while cleaning music studio windows, left, and a construction worker sandblasts new biology building.

(Photos by Herb Weitman)

The building boom may be a bust around the rest of the country, but on campus, construction, halted by a summer strike, is going forward on two new buildings—one for the Music Department, and the other for the Biology Department.

Architecturally speaking, they are as disparate as the disciplines they are designed to serve. The more conservative of the two is a two-story brick building taking shape on the site of what was the old and best forgotten Blewett Hall garage. Its traditional facade conceals, among other things, 21 sound-proof practice rooms which arrived as prefabricated modules. Designed by Smith & Entzeroth, the \$300,000 building is expected to be completed this month.

To be known as the Paul Tietjens Memorial Music Studio, the new structure is named for a St. Louis-born composer (1877-1943) who is best remembered for having written the music for the original 1902 stage production of the "Wizard of Oz." His brother, Otto, left a bequest for the building in his will. The Tietjens Studio will contain space for a large rehearsal area for band, orchestra, and choral organizations, and an ultra-modern electronic music studio which will also be used for recording purposes.

The \$800,000 three-story-plus-basement biology building, nameless at the present time, looks like a cousin of the Mudd Law School-Eliot Hall complex. Designed by another St. Louis firm, Hoffmann Saur & Associates, Inc., it is a poured-concrete structure. This building

will house a department shop in the basement, an animal facility complemented by a greenhouse on the ground floor, and a two-level biology library upstairs. The greenhouse will be visually integrated with the library, which will have a glass wall fronting on a courtyard separating it from the connecting Adolphus Busch III Laboratory of Biology.

Occupants, including librarian Betty Galyon with some 28,000 bound volumes, will move into this new structure at the end of November. Projections are that the library will eventually encompass some 50,000 bound volumes. Professor Barbara Pickard served as building program coordinator on the project.

### Travel Series to Open Oct. 4

The WU association travel lecture series will open its 77th season at 8:15 p.m. Friday, Oct. 4 in Graham Chapel with "Legend of a Crown (Mexico)," by photographer Howard Meyers and his scriptwriter wife, Lucia. Subsequent series offerings are: "Three Worlds of Peru," by Eric Pavel, Nov. 1; "Sicily—Island of the Sun," by Bob Davis, Dec. 6; "Iran—The Persia of Old," by Chris Borden, Jan. 3; "Tahiti and the Islands of the South Seas," by Philip Walker, Feb. 7; "Trails of the Mountain West," by Don Cooper, March 7; "Amazonia—The Twilight of the Primitive," by Lewis Cotlow, April 4; and "Holiday in Holland," by Willis Butler, May 2. Admission will be by season enrollment only. Double enrollment is \$14; single enrollment is \$8. For further information call 863-0100, ext. 4261.

## Pianist

(Continued from page 1)

with the St. Louis Symphony Orchestra as part of its Sunday afternoon "Spectrum" series. Leonard Slatkin will direct at this 3 p.m. April 13 Powell Symphony Hall performance.

Miss Tazaki's background demonstrates her depth of talent and drive. After winning Japan's National Piano Competition in 1958 and making her debut with the Tokyo Symphony Orchestra, Miss Tazaki, a high school student at the time, came to the United States in 1960 on a Fulbright grant. She studied at Juilliard with Beveridge Webster, whose friendship with James Cain, manager of the St. Louis Symphony Orchestra, subsequently led to the melding of Washington University and Miss Tazaki.

Her adopted father, restaurateur, Vincent Sardi, introduced her initially to New York, but it wasn't long before leaders in the piano world such as Leon Fleisher, Irwin Freundlich and Rudolf Serkin were personally exerting their influence on this young prodigy from Tokyo. At the Busoni International Competition in 1970 Miss Tazaki was awarded top honors. Subsequently, she won the Concert Artist Guild auditions at her Carnegie Hall recital debut. Her concert tours of this country have included performances at Lincoln Center, interspersed with chamber music recitals, radio and television appearances and recording sessions.

She admits to chronic stage fright before each concert, but depends on her disciplined fingers to homogenize the total efforts. That she is able successfully to conquer her qualms and play with the aplomb of an Artur Schnabel is evident, according to a *London Times* reviewer, who commented that she had "a freshness, energy, and accuracy that one rarely encounters today . . ." Six to eight hours of daily practice ensures that each performance will project those musical interpretations which she has deemed intellectually precise for the occasion.

Seven Nobel-prize winning scientists have done all or part of their work at Washington University. The scientists, prizes awarded and dates are: Arthur Holly Compton, physics, 1927; Joseph Erlanger, physiology or medicine, shared with Dr. Herbert S. Gasser, 1944; Carl F. and Gerty T. Cori, physiology or medicine, shared with one other, 1947; Arthur Kornberg, physiology or medicine, shared with one other, 1959; and Dr. Earl W. Sutherland Jr., physiology or medicine, 1971.



## Daniel R. Mandelker Named To Stamper Professorship

Daniel R. Mandelker, professor and director of urban studies in the School of Law, has been named Howard A. Stamper Professor of Law. Professor Mandelker, a noted legal authority on urban land use, will speak at installation ceremonies in his honor to be held at the Mudd Law School at 11 a.m., Monday, Sept. 30. His topic will be "The Urban Crisis: New Issues for the Seventies."

The new chair is named in honor of the late Howard A. Stamper, food manufacturing executive and former vice-chairman of the University's Board of Trustees, who died last March of injuries suffered in an automobile accident. A philanthropist who preferred to contribute funds anonymously to a variety of causes, Mr. Stamper was a generous donor to WU.

Professor Mandelker has earned international renown as a scholar on urban development, zoning, and land planning and development. He currently advises Hawaii's Department of Planning and Economic Development as well as the state of Washington's Office of Community Development. He will soon publish a new book entitled "New Developments in Land and Environmental Controls."



## APPOINTMENTS

DAVID G. NEVIN, chief of Olin Library's Audio-Visual Department, has been appointed chairman of the Information Technology Discussion Groups of the American Library Association's Information, Science and Automation Division.

NANCY CARROLL, assistant professor of social work at WU, has been appointed area volunteer consultant to military families for 1974-75 by the American Red Cross.

The WU Record is published weekly during the academic year by the Office of Information, director, Roger Signor; editor, Kathy Pearson; contributing editors, Dorothy Brockhoff, King McElroy; calendar editor, Judy Thomasson. Photographs by Herb Weitman, Rick Levine and Gail Cissna. Address all communications to the editor, Box 1142.

## ANNOUNCEMENTS

THE SECOND LENTZ INTERNATIONAL PEACE RESEARCH AWARD PROGRAM will be held Friday-Saturday, Sept. 27-28, at St. Louis U. Friday's activities will include a dinner at 7 p.m. and the presentation of the award, named for Theodore Lentz, associate professor emeritus of education at WU, to Drs. Hanna and Alan Newcombe of the Canadian Peace Research Institute. WU Chancellor William H. Danforth will preside over the presentation program. Saturday's events will include a seminar from 9:30 a.m.-4 p.m. on "Theories of Peace and Preconditions of War," moderated by James H. Laue, visiting associate professor of sociology at WU. For further information, call Arun Mitra at 721-0730.

OLIN LIBRARY, in cooperation with the Systems Development Corporation of Santa Monica, Calif., will hold a one-day demonstration on how to perform literature searches by computer rather than by traditional methods, from 9 a.m., 5 p.m. Thursday, Oct. 3 in the Systems Development Office, on the first floor of the library. Ms. Gwen Reveley, systems development librarian, and Ms. Barbara Holbrook, reference librarian, WU Medical School, will assist in preparing free search strategies in the following areas: life sciences, engineering, geosciences, business, management, chemistry, education, medicine, petroleum literature and patents, and government research and development reports. For further information, call 863-0100, ext. 4572.

WILLIAM SALE, associate professor of classics at WU, will speak at the Honors Assembly at 11 a.m. Wednesday, Oct. 2, in Graham Chapel. He will discuss: "The Virgin Goddess: Her Scholars and Myth-makers." The students honored at this assembly were named to the dean's lists last year in the following schools: Arts and Sciences, Business, Continuing Education, Engineering, Fine Arts and Law. Also honored will be students elected to four undergraduate honorary organizations.

REMINDER NOTICE: 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.

## Trolleys Featured in Car Company Exhibit



An early streetcar on 12th Street in downtown St. Louis, from the St. Louis Car Company Collection.

An exhibition on view at Olin Library's fifth level from 8:30 a.m.-5 p.m. weekdays highlights the University's collecting interests in business and transportation histories.

The exhibit proves it was no accident that "The Trolley Song" was featured in the movie "Meet Me in St. Louis," because for years this city was the streetcar manufacturing capital of the Western Hemisphere. The number one producer of trolleys here from sometime in the 1890's through 1920 was the St. Louis Car Company.

Recently, Edwin B. Meissner, Jr., who was, like his father, once president of the firm, gave the car company's records to the University Archives. Mr. Meissner is a former vice-president of General Steel Industries, Inc., the company which purchased St. Louis Car in 1960 and owned it until the car company ceased operation in 1973. Covering the period 1887 through 1973, this invaluable record lodestone includes specifications, drawings, blueprints, encyclopedias, scale models, and photographs.

Archivist Beryl Manne and her graduate student assistant, Gene Provenzo, have sifted through this massive mound of material, and produced an exhibition in the Rare Books Department of the library. In addition to trolleys, the St. Louis Car Company manufactured the American Mors gasoline automobile, a touring car called the "Skelton," the famous World War I "Jenny" airplane, a private plane called the "Cardinal," World War II landing craft, subway cars and passenger railroad cars.

CREATIVE DANCE CLASSES for children and teenagers, ages 5-17 will be offered at WU this fall by the PAA Dance Division. Classes will be held Sept. 27-Dec. 7 in Wilson Dance Studio. For further information, call 863-0100, ext. 4182.



## Calendar

Sept. 26-Oct. 2

### THURSDAY, SEPTEMBER 26

9:30 a.m.-11 a.m. Alumni Board of Governors and School of Continuing Education Short Course, "The Music of J. S. Bach," by WU organist Howard Kelsey. Thursday mornings through Oct. 31. Graham Chapel.

4 p.m. Chemistry Department Seminar, "Time-Resolved Electron Spin Resonance Spectroscopy," by Professor Richard W. Fessenden, Carnegie-Mellon Institute. McMillen Laboratory, Rm. 311.

4:30 p.m. Mathematics Department Colloquium, "Problems of Differentiability of Functions," by Professor Antoni Zygmund, University of Chicago. Cupples I, Room 199. Preceded by a tea at 4 p.m., Cupples I, Room 222.

### FRIDAY, SEPTEMBER 27

2 p.m. Civil Engineering Seminar, "Finite Element Solution of Lake Circulation Problems," by Richard H. Gallagher, professor of civil engineering, Cornell University. Cupples II, Room 100.

### MONDAY, SEPTEMBER 30

12 noon WU Computing Facilities Seminar, "Intermediate Job Control Language," by Dave Weible, computer education specialist. Through October 4. Cupples II, Room 215.

1:30 p.m. Alumni Office and School of Continuing Education Short Course, "Works of Art: Exercises in Judgment," by four St. Louis Art Museum curators, Mondays through November 18. St. Louis Art Museum.

4 p.m. Division of Biology and Biomedical Sciences Molecular Biology Program Seminar, "Putting Together an Antibody Polypeptide Chain," by Dr. Julian Fleischman, WU assistant professor of microbiology. 213 Rebstock.

8 p.m. Alumni Office and School of Continuing Education Short Course, "A Sense of Place: Perceptions of America in Fiction," by Wayne D. Fields, assistant professor of English. Mondays through November 18. Alumni House.

### TUESDAY, OCTOBER 1

1:30 p.m. Alumni Office and School of Continuing Education Short Course, "Wit," taught by WU professors Wayne Fields, Herbert Metz, Howard Nemerov, and George Pepe. Tuesdays through November 19. Alumni House.

8 p.m. Alumni Office and School of Continuing Education Short Course, "Human Conflict: Strategies for Resolution," by visiting associate professor of sociology James H. Laue. Tuesdays through November 19. Newman Center.

8:30 p.m. School of Architecture Lecture with slides, "New Parliamentary Building, Westminster, London, and Other Projects," by Spence and Webster, visiting professors of architecture. Steinberg Hall.

### WEDNESDAY, OCTOBER 2

11 a.m. Wednesday Assembly Series Honors Assembly Lecture, "The Virgin Goddess: Her Scholars and Mythmakers," by William Sale, WU associate professor of classics.



Joanne Woodward, star of "Rachel, Rachel"

Graham Chapel.

1:30 p.m. Alumni Office and School of Continuing Education Short Course, "Alternatives for Social Change," by professor of sociology Robert Boguslaw, instructor in sociology Marie Kaplan, assistant professor of sociology Sandra Schoenberg, and professor of education Arthur Wirth. Wednesdays through November 20. Alumni House.

4 p.m. Division of Biology and Biological Sciences Cellular and Developmental Biology Program Seminar, "Implantation: The Role of Blastocyst Shape and Proteolytic Enzymes," by Dr. Steffan Bergstrom, University of Uppsala, Sweden. 213 Rebstock.

## FILMS

### FRIDAY, SEPTEMBER 27

7:30 and 9:30 p.m., WU Filmboard Series, "Play It Again, Sam." Midnight, "Rachel, Rachel." Line D, Wohl Center. Admission \$1.

### SATURDAY, SEPTEMBER 28

2, 4:30, 7:30 and 9:45 p.m., WU Filmboard Series, "The Getaway." Midnight, "Rachel, Rachel." Brown Hall Theatre. Admission \$1.

### SUNDAY, SEPTEMBER 29

2 and 4:30 p.m. WU Filmboard Series, "The Getaway." Brown Hall Theatre. Admission \$1.

### TUESDAY, OCTOBER 1

7:30 and 9:30 p.m., WU Filmboard Series, "Une Femme Douce." Brown Hall Theatre. Admission \$1.

## SPORTS

### SATURDAY, SEPTEMBER 28

1:30 p.m. Football, Battling Bears vs. Southwestern (Memphis) at Francis Field. \$3.50.

### WEDNESDAY, OCTOBER 2

4 p.m. Soccer, WU vs. McKendree College at Lebanon, Ill.

## MUSIC

### MONDAY, SEPTEMBER 30

8 p.m. Baroque Brass Group in "A Musical Offering," first in WU-St. Louis Symphony Orchestra Chamber Series. Featuring pianist Etsuko Tazaki, artist-in-residence, playing Liszt's "Sonata in B Minor," in her first public appearance here. Program also includes music by John Watts and Beethoven. Edison Theatre. For ticket information, call 863-0100, ext. 4113 or 4114.

## EXHIBITIONS

**Picasso and Rouault Exhibit** from the WU collection, including Picasso's "Les Femmes d'Alger," on display here for the first time. Steinberg Gallery, lower level, center gallery. Hours: 8:30 a.m.-5 p.m. weekdays; 10 a.m.-4 p.m. Saturdays; 1-5 p.m. Sundays.

**Great Ideas of Western Man.** Original interpretations of between 60 and 70 Great Ideas through courtesy of the Container Corporation of America. Steinberg Gallery. Hours: 8:30 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. Olin Library, Level 5. 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. Hours: Monday through Thursday, 8 a.m.-10 p.m.; Saturday, 9 a.m.-10 p.m.; Sunday, 11 a.m.-midnight.

## Affirmative Action

(Continued from page 1)

Action offices.

"The most significant fact is that the University is now hiring individuals of quality from applicants representing both minorities and women," Mrs. White said. "We have a long way to go, but I'm confident that these applicant pools are being carefully examined. The University also is doing a good job of training women and minority students and, therefore, is contributing its share to the national pool of qualified graduates," she added.

She said that there is an "acute shortage" nationally of qualified applicants in professional fields such as architecture, fine arts, engineering and business. "But I'm proud of the effort now being made by all of our professional schools. The Architecture School, for example, hired its first female faculty member, which required an extraordinary search. The Business School also conducted an exhaustive search for a minority applicant with a Ph.D. in accounting. Only one was available and he received good offers from 17 schools, including ours. We were rejected because his family chose to live on the East coast. In the School of Fine Arts, one woman was promoted to assistant professor—which points up the crucial facet of equal opportunity," Mrs. White said.

She said two needs held priority among "problems that should be solved in the near future. These include the lack of a formal supervisory training program on the Hilltop for non-academic employees and the need for developing clear, non-loop-hole job descriptions."