Rita Levi-Montalcini

Levi-Montalcini
To Give First Hamburger Talk

Rita Levi-Montalcini, WU professor emeritus of biology and director of the Laboratory of Cell Biology in Rome, will deliver the first Viktor Hamburger Lecture at 4 p.m., Fri., Sept. 15, in Room 215 of Rebstock Hall. She will speak on "The Nerve Growth Factor: 25 Years Later."

Levi-Montalcini, Viktor Hamburger and Stanley Cohen performed research in the late 1940's and early 1950's while in WU's Biology Department that culminated in the isolation of the only chemical ever found to stimulate the growth of immature nerve cells. In a paper published in 1954 in the Proceedings of the National Academy of Sciences, they called the chemical a "nerve growth-stimulating factor," which became known as NGF by 1958.

Although he has taught a wide variety of literature and drama courses, he will teach black—American and African—drama and theatre at WU. Hay's teaching experiences go beyond normal academic circles, however. In 1977, he taught a course, "Race and Literature," to inmates at the Indiana State Prison. For several years he taught and directed enrichment programs in the city of Baltimore for college-bound junior and senior high school students. He also served one year as a counselor for ex-drug offenders.


Hay received a three-year Ford Foundation Fellowship at Cornell and a Johns Hopkins Faculty Fellowship at that university. In 1975 he served as judge in the National Council (continued on page 3)
Book Reviews
How Computers Aid Physicians

Along with almost every other facet of life, computers are now being used in the family doctor’s office to help keep patient records. A foolish and wasteful application of expensive and powerful computing machinery? Hardly. Despite popular misconceptions, a medical record is many times more complicated than the chronicle of a few office visits and several prescriptions and is never as casual as, “Take two aspirins and call me in the morning.”

Now, a recently published book, Computers for the Physician’s Office, reviews, timely and professionally, the major work done so far in the field of computerized medical record keeping. Joan Zimmerman, a research associate in WU’s Biomedical Computer Laboratory, and Alan Rector, a medical doctor on the faculty of the University of Nottingham Medical School, Nottingham, England, are the authors.

The multiplicity of diseases a normal person may contract during a 70-year lifetime, not to mention injuries suffered from accidents and chronic illnesses which could plague an individual throughout his lifetime, can add up to a staggering amount of information that a doctor should have at his fingertips every time he makes a diagnosis or prescribes a treatment, Zimmerman said.

Computers, with their prodigious memories and instant recall, are well suited to help the physician keep records and, though still developmental, even help make diagnoses. They have been used for a long time in the doctor’s office for billing and accounting, but using computers in the medical record field is brand new and the possibilities for substantial new research are many and varied, according to Zimmerman.

The medical record actually is one of the most complex and frustrating problems with which a physician must deal. The massive amount of data on individual patients is important and overwhelming enough. Zimmerman said, but the structure of a medical record becomes even more critical and complex in the case of, for example, chronic illnesses.

A person with diabetes could break a leg, which could cause a job loss, which, in turn, could break up a marriage. If that person enters a doctor’s office for routine treatment of the diabetes, the doctor, in order to prescribe the correct treatment, must know about the broken leg, the loss of work and the marital problems, all or any of which could affect the diabetes and so should affect its treatment.

Zimmerman and Dr. Rector’s relatively small book lays a foundation for further research in computerized medical record keeping and provides a source of information helpful to colleagues in biomedical computing and health care.

Zimmerman has been with Washington University since 1971 and joined the University’s Biomedical Computer Laboratory in 1972. She has a B.Sc. in physics from Leeds University, England, and a D.Phil. in physics from Oxford University, England. Her research is now directed totally toward medical computing. Dr. Rector lent the medical doctor’s point of view to the book and brought Zimmerman up-to-date on European research into computerized medical record keeping.

Gargantuan Cake
To Be Birthday Fare
At 125th Celebration

Come noon on Fri., Oct. 13, you can have your cake and eat it too. It will be free and sliced from a gargantuan 125-square-foot cake baked especially for the Washington University 125th birthday bash in the quadrangle. On Oct. 9, Steve Mullenberg of PFM, Inc., (Professional Food Management) is winging in from LaCrosse, Wis., to whip up this fabulous confection, which will take four days to create.

But before munching this tasty birthday cake, diners (all WU personnel, their families, and students) are invited to enjoy free hot dogs, soda pop, and, of course, ice cream—all of it brought to you courtesy of the WU Women’s Society.

Some 4000 are expected to crowd into the quad for this once in a life-time celebration, serenaded from noon to 12:20 by the WU Wind Ensemble, directed by Dan Presgrave. Gambling on the green will be brightened by bright, festive banners made by students in the WU School of Architecture.

The birthday party or picnic (call it what you will) is expected to last from noon until 2:30 p.m. Then it’s back to whatever you do at WU—news of a holiday was premature. On Oct. 13, all of Friday morning until noon, and after 2:30 p.m., WU will operate on its regular schedule.

DONALD STRAUSSNER, JR., was awarded a two-year, full-tuition scholarship by the WU Women’s Society to complete his education at WU’s School of Fine Arts. The award is given each year to a graduate of St. Louis Community College.

WU WAS ONE OF 25 American universities invited to participate in a meeting in Washington, D.C., last month to discuss arrangements for accepting exchange students which the People’s Republic of China wishes to send to the United States for scientific and technological training. The representatives met with members of the “Committee on Scholarly Communication with the People’s Republic of China,” sponsored by the National Academy of Sciences, the American Council of Learned Societies and the Social Science Research Council. The committee then advised the U.S. State Department on what steps should be taken. According to Dean Ralph Morrow, who served as WU’s representative, China plans to send approximately 50 students to universities in the United States and Europe within the next month, 500 within the next year, and 10,000 by 1985.

A LIMITED NUMBER of Fulbright Hays grants for faculty research and lecturing abroad, beginning summer 1979, are still available. For further information, call Ext. 5958.

BUSINESS LEADERS will speak about career opportunities in fields such as public accounting, commercial banking and marketing at the School of Business and Public Administration and the Business Placement Office’s annual day-long Career Expo ’78, to be held Sat., Oct. 7. To attend, students must register. For further information, call the Business Placement Office at Ext. 5950.
Hay, Montgomery (continued from page 1)

of Teachers English Achievement Awards in Writing and is listed in Who's Who Among Black Americans.

Professor Montgomery is a specialist of nutritional and medical anthropology, as well as of South Asian (India) culture. After joining the WU faculty in 1971 as an assistant professor, he developed the first courses to be offered at WU in nutritional and medical anthropology. Nutritional anthropology studies the food systems of the world’s cultures as well as transformations of societies caused by changing food usage; medical anthropology studies the health systems of tribal and peasant societies and classical cultures such as India and China.

Montgomery, who has received grants in the past from the National Science Foundation and the National Institutes of Health for research in Peru, India, and Nevada, has most recently been awarded a year’s grant by the Russell Sage Foundation for a pilot study of American dietary habits.


This latter article resulted from Montgomery’s research in Peru with the Machiguenga Indians. The research focused on the diet and nutritional status and the energy expenditures in hunting, foraging, agricultural and domestic activities of the Indians. It provided the first information attained on how hunting-foraging groups use energy.

Montgomery is currently a member of the editorial board of the University of California Press series on Comparative Studies of Health Systems and Medical Care. In 1977, he was guest editor of Reviews in Anthropology.

Before coming to WU, Montgomery was a teaching fellow and research associate in anthropology at Columbia University. He received his A.B. from Stanford University in 1964 and his Ph.D. from Columbia University in 1972.

Levi-Montalcini (continued from page 1)

and Lecturer in Biology. He invited Levi-Montalcini to join the department in 1947, and she remained active in it until 1977.

The Viktor Hamburger Lectureship was endowed last year largely by gifts from Hamburger’s former undergraduate students.

The WU Record is published weekly during the academic year by the Information Office. Editor, Janet Kelley; calendar editor, Charlotte Boman. Address communications to Box 1142.

Edward Montgomery

THE WU DEPARTMENT OF COMPUTER SCIENCE and Electrical Engineering are sponsoring a lecture by Stephen R. Kimbleton of the National Bureau of Standards, Washington, D.C. Dr. Kimbleton will speak on “Network Operating Systems: An Implementation Approach.” The meeting will be held Wed., Sept. 20, at 8 p.m. in Room 100 of Cupples II. Refreshments will be served at 7:30 p.m. Also sponsoring the talk are the St. Louis Chapter of the IEEE Computer Society and the Association for Computing Machinery.

"Haying Scene," painted by Julian Dupre in 1882, is one of the works included in the exhibit "Other Than Monet," at the WU Gallery of Art, Steinberg, through September 27.

The HONORARY DEGREE COMMITTEE will meet in October and November to consider nominations for honorary degrees to be awarded at Commencement next spring. A list of candidates will be submitted to the Board of Trustees for approval in December. If anyone wishes to suggest names for consideration by the committee, they should do so by October 1. Biographical information should accompany the suggestion. Send all nominations to Robert W. Reinhardt, Box 1060.

CAR POOL INFORMATION is available to Hilltop employees who are interested in sharing transportation. A car pool bulletin board directory is located outside the Personnel Office in the basement of South Brookings. Anyone interested in participating should mail a type-written, 3 x 5 inch card with the following information to Box 1184: location in the St. Louis Metropolitan Area; name; campus location; campus telephone number; daily work schedule; and any pertinent comments.

JUSTIN J. CORDONNIER, professor emeritus and former head of the Division of Urology at the WU School of Medicine, was awarded the Guiteras Award at the annual meeting of the American Urological Association in Washington, D.C. It is the highest honor bestowed by the association.

Khuong K. Vu, formerively with the Indo-Chinese Refugee Foundation, Boston, has been named assistant to the director and advisor to international students at WU by William S. Stone, director of WU's International Office. A Vietnamese national, Vu received a B.A. in political science from the University of Saigon and an M.A. in international affairs from the Fletcher School of Law and Diplomacy, Tufts University. He worked in Indo-Chinese immigration with the Catholic Charitable Bureau in Boston and as a teacher of English as a second language in the Armed Forces Language School in Saigon in the early 1970's. At WU, Vu will counsel international students regarding cultural adjustment, finances and immigration matters as well as coordinate international student programming on campus.

"FREEDOM FROM FEAR OF FLYING," a short course that will be offered by WU's School of Continuing Education during October, is designed to help individuals who are "white-knuckle" flyers. The course, given in cooperation with Ozark Air Lines, will be taught by W. T. (Slim) Cummings, a retired Pan American World Airways captain. Classes will be held from 7 to 10 p.m. on Oct. 2, 5, 6, 9, 12 and 13. A graduation flight will be taken on Sat., Oct. 14. For information, call 889-6710.
FRI., SEPTEMBER 15

Viktor Hamburger

4 p.m. Department of Biology. 215 Rebstock.

THURS., SEPTEMBER 21
7:30 p.m. Edison Theatre Double Feature, "The Gold Rush" and "The General" (9 p.m.). Brown Hall Theatre. Admission $1.50. (Also Thurs., Sept. 21, same time, Brown.)

7:30 p.m. Department of Anthropology Film Series, "Baobob" and "Baboons of Awash." Rebock Auditorium. No charge.

Calendar
September 15-21

FRI., SEPTEMBER 15

4 p.m. Department of Biology, 215 Rebstock.

4 p.m. Department of Chemistry Seminar, "Reactive Intermediates in Organosilicon Chemistry," Thomas J. Barton, prof. of chemistry, Iowa State U., Ames, 311 McMillen Lab.

4 p.m. Department of Earth and Planetary Sciences Colloquium, "From the Lunar Surface to the Inside of an Asteroid Type Planetesimal," Ghislaine Crozaz, WU associate prof. of earth and planetary science. 104 Wilson. Coffee will be served at 3:30 p.m.

8 p.m. Woman's Club "Welcome Night" Meeting, with Mrs. William H. Danforth, hostess. Gloria White, assistant vice chancellor for Personnel and Affirmative Action, will speak on "Women at WU—After 125 Years." Club sections will present information on their activities. Women's Bldg. Lounge.

8 p.m. School of Continuing Education "Meet the Artist" series, with Lucian Krukowski, WU prof. of art. Krukowski will give a slide presentation of his work, discussing its development and philosophy. Wine and cheese reception follows. Steinberg Auditorium. Admission $3; $1.50 for the WU community. Cosponsored by the WU School of Fine Arts.

FRI., SEPTEMBER 15
6 p.m. Soccer, WU vs. Greenville College, Greenville, Ill. Francis Field.

SAT., SEPTEMBER 16
9 a.m. Men's and Women's Cross Country, WU Invitational. Forest Park.

7 p.m. Football, WU vs. William Jewell College, Liberty, Mo. Francis Field. Admission $3.50.

SUN., SEPTEMBER 17
8 a.m. WU Orienteering Meet. 1 p.m. Soccer, WU vs. U. of Calif., San Diego, 215 Rebstock.

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FRI., SEPTEMBER 15
8 p.m. Edison Theatre Performance, "The National Marionette Theatre in Concert!" with David Syrotiak, master puppeteer. Edison Theatre. Admission $4.80; $3.75 for WU faculty and staff and area students; $2 for WU students. Tickets available at Edison Theatre Box Office. (Also Sat., Sept. 16, 8 p.m., Edison.)

SAT., SEPTEMBER 16
1:30 p.m. Edison Theatre Children's Matinee, The National Marionette Theatre presenting "The Little Concert" with David Syrotiak, master puppeteer. Edison Theatre. Admission $2 for children under 14; see above for other admission prices. Tickets available at Edison Box Office. Admission for others same as for evening performances noted above.

FRI., SEPTEMBER 15

MON., SEPTEMBER 18
7:30 p.m. WU Filmboard Double Feature, "The Gold Rush" and "The General" (9 p.m.). Brown Hall Theatre. Admission $1.50. (Also Tues., Sept. 19, same times, Brown.)

WED., SEPTEMBER 20
7:30 and 9:30 p.m. WU Filmboard Series, "Four Hundred Blows," Brown Hall Theatre. Admission $1.50. (Also Thurs., Sept. 21, same times, Brown.)

7:30 p.m. Department of Anthropology Film Series, "Baobob" and "Baboons of Awash." Rebock Auditorium. No charge.

Performing Arts

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Exhibitions

"Other Than Monet," an exhibit of some 15 works of art dating from 1880-1926 by several traditional academic artists, not impressionists, who worked contemporaneously with Monet. Many works from the WU collection of art. WU Gallery of Art, upper gallery, Steinberg Hall. 1 a.m.-5 p.m., Mon.-Fri.; 1-5 p.m., Sat. Sun. Through Sept. 27.

"Competition Drawings by James Stirling and Oswald Mashias Uengers," an exhibit including photographs of floor plans, elevations and models presented in recent competitions by these well-known English and German architects for art museum and urban renewal proposals in Dusseldorf, Cologne, Berlin and Leverkusen, W. Germany. School of Architecture, main level, Givens Hall. 8 a.m.-8 p.m., Mon.-Fri. Through Sept. 23.

"Sixteen Years of Collection Building: Notable Gifts and Purchases, 1962-1978," an exhibit of rare books. Rare Books and Special Collections, Olin Library, level five. 8:30 a.m.-5 p.m., Mon.-Fri. Through Nov. 23.