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University, Monsanto extend biomedical research agreement

Washington University and Monsanto Co. announced that they have extended their eight-year research agreement for an additional four years. This extension brings total funding commitments to nearly $100 million. The joint venture, which came from Chancellor William H. Danforth and Richard J. Mahoney, Monsanto's chairman and chief executive officer. The Washington University/Mon- santo Biomedical Research Agreement is the largest research collaboration between an American company and an American university. The agreement provides a framework for uni- versity and company scientists to collaborate in extensive investigations of proteins, peptides and other mole- cules that modulate cellular function. Such a collaborative program seeks to shorten markedly the time between fundamental discoveries and the development of novel preventive and therapeutic products for human disease. Key to Monsanto's participa- tion in the program are the research, development and marketing capabili- ties of Searle, Monsanto's wholly owned pharmaceutical subsidiary.

First signed in June 1982, the collaboration began with a $25.5 million commitment for five years. In 1986, after a favorably received report by an independent panel of respected scientists, the agreement was ex- tended through 1990. The commitment was in- creased to approximately $62 million. The new extension would bring the commitment to more than $9 million per year for each of the years 1991 through 1994.

The program supports 50 re- search projects involving 120 Univer- sity scientists. To date, the research has resulted in more than 40 patented or patent-pending discoveries that could eventually lead to commercially useful products.

The association between Wash- ington University and Monsanto Company has been extraordinarily rewarding, not only in terms of stimulating research activities, but also in fostering the sort of cooperation among scientists that is essential for success,” said Chancellor Danforth.

“Looking forward, I expect this new partnership and to the achievements of this association will accelerate our progress toward the development of new and vitally important health care products.”

Dennis Martin is named assistant provost

Dennis J. Martin, director of financial aid at Washington University, has been appointed assistant provost, according to Provost Edward S. Macias, Ph.D. Martin retains his position as director of financial aid. The appointment was effective Jan. 1.

Dennis Martin will play a pivotal role in the administration's effort to assist the schools on student-related issues such as financial aid,” says Macias. “His appointment as assistant provost is a tribute to his fine adminis- trative talents.

Martin, a 1975 alumnus of Washington University, was named director of financial aid in 1986 after serving as assistant director of the National Association of Student Financial Aid Administrators in Washington, D.C. Before moving to Washington, he also worked as a financial aid counselor, student director and associate director of financial aid at the University of Illinois. Martin's responsibilities as assistant provost, in addition to administering the financial aid program, will include working with the provost on such issues as student in health care that it inspired.

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Children's dance program promotes creativity, fun

Children's dance classes that promote individual creativity while teaching basic body awareness and coordination will begin Wednesday at Washington University.

The classes will be held on Saturday in Mallinckrodt Center's Dance Studio, Room 207. The cost for the 10-week course is $19 for full-time Washington students and $38 for non-students. "Clowning" costs $18 for full-time University students and $35 for non-students. For more information, call 889-6543.

Clowning is among Y classes offered

Have you ever wondered how clowns paint on those faces, or kept all of those plates in the air at once? Here's your chance to learn. The University's Campus YM-YWCA is offering 11 classes this spring, and among them is a class called "Clowning." The Campus-Y classes, running from four to eight weeks, begin the week of Feb. 5. -- with the exception of the "T'ai Chi" class, which will begin March 27, and the "Raja Yoga and Meditation" class, which will begin Wednesday, March 14.

"Clowning," a four-week course covering the basics of a clown's performance, will meet from 6 to 7 p.m. on Tuesdays at the Campus Y in Umrah Hall's east basement. The course instructor will cover makeup application, juggling, mime and simple gags and skits.

"Razzamajazz," a seven-week fitness workshop that includes stretching, cardiovascular conditioning and body toning exercises, will meet twice a week from 5:30 to 6:30 p.m. or 6:30 to 7:30 p.m. on Mondays and Wednesdays, or from either 5:30 to 6:30 or 6:30 to 7:30 p.m. on Tuesdays and Thursdays in Umrah Hall. After the seven-week course, a four-week extension class will begin Monday, April 2, in Umrah Hall at the same session time.

"Yoga," a seven-week course, will meet from 6:30 to 7:30 p.m. Mondays in Sixth International House. "Yoga," a seven-week course that includes both calisthenics and aerobics, will meet from 8 to 9:15 p.m. on Mondays and Wednesdays, Tuesdays and Thursdays in Greenbeaks and the Peer Center north of Overfield Hall. The Friday session that meets from 5:15 to 6:15 p.m. will be held in the Wohl West pavilion.

"Aikido," a seven-week class on the self-defense technique derived from martial arts, will meet on Wednesdays from 5:30 to 7 p.m. in the Judo Room of the Lee Dorm basement.

"Tai Chi," a four-week course on the ancient Asian art of slow dance-like movements that promote balance and relaxation, will meet from noon to 1 p.m. on Tuesdays and Thursdays in Umrah Hall Lounge.

"Exercise," a seven-week course covering exercise and relaxation, will meet on Wednesdays from 6 to 7:30 p.m. at the Campus Y.

"Chinese Cooking," will meet for seven weeks from 6:30 to 8 p.m. on Tuesdays at the Campus Y.

"Basic Auto Care," a seven-week course that will show students everything from how a car works to how to do a tune-up, will meet from 5:30 to 7:30 p.m. on Wednesdays at the Campus Y.

The seven-week classes cost $30 for full-time Washington University students and $58 for non-students. "Clowning" costs $18 for full-time University students and $24 for non-students. The "Razzamajazz" extension class costs $17 for full-time Washington students and $22 for non-students. The Friday session of "Workout" costs $15 for full-time Washington University students and $19 for non-students. "Public Speaking" costs $17 for full-time Washington students and $27 for non-students. "Chinese Cooking" requires an additional $15 fee for local costs. YMCA and YWCA members receive a $3 discount on class fees.

To register or for more information, call 889-5010.

Children's dance program encourages individual creativity.

A gift of $500,000 from the Southwestern Bell Foundation to Washington University will provide collaborative opportunities for professors in the university's computer science and mathematics departments to study emerging computer-related areas of parallel computing and wavelet analysis.

The gift will be used to develop new software, conduct joint seminars between the two departments, and support faculty exchanges, research and visiting faculty who will enhance computing and mathematics programs at the University.

In addition, the gift will encourage interaction between graduate students in both departments. Faculty and students from the departments of electrical engineering and systems science and mathematics also are likely to become involved in the research activities made possible by the gift.

"We're pleased with the gift from the Southwestern Bell Foundation and excited by the new era of collaborative research this gift signifies," said Chancellor William H. Danforth. "Within the next 10 years, the University is likely to see 100 fold growth in computer-related research." The University mathematics professor Michael Frazier, Ph.D., and Bjorn Jawerth, Ph.D., who developed the theory in the mid-80s are potentially more valuable because they make it possible for scientists to sample a signal in both time and frequency, providing a better understanding of signal and computer mathematics with computing.

"This revolutionary technology was made possible by the contributions of both disciplines," he says.

According to Jerome R. Cox, Sc.D., chairman of the university mathematics department, cites the "stunning success" of computer-aided-tomography as an example of mathematics with sophisticated computing, as a benchmark of combining mathematics with computing.

"This revolutionary technology was made possible by the contributions of both disciplines and computer science have become traditional tools in entertainment and medicine," Cox explains. "But they are gradually growing closer to the point where they are mutually dependent on each other in some research areas."

"The Southwestern Bell Foundation gift will allow both camps to join forces in several innovative areas," Cox says.

Italian Renaissance music featured

The Waverly Consort will present a concert titled "Italia Mia: A Musical Tour of Italy in the Renaissance" at 8 p.m. Saturday, Feb. 10, in Edison Theatre.

Jessie Ann Owens, a specialist in early music, will deliver a pre-performance lecture in the Drama Studio, Room 208 Mallinckrodt Center. Her talk, titled "The Music of Renaissance Italy," will examine the close relationship between style and function in Italian Renaissance music. The lecture, which is free and open to the public, is part of a program offered by the Waverly Consort and is funded by the National Endowment for the Humanities.

Since its inception in 1964, the Waverly Consort has spearheaded the revival of "early" music as played on period instruments.

In addition to performing medieval, Renaissance and baroque music on authentic reproductions of period instruments, the Consort works to place that music into its social and political context.

To further this goal, the Consort also has presented, both in New York and on tour, three highly successful, fully-attended concerts on the topic of "The Making of Europe: Music and the Latin Church." The ensemble, which was formed by a handful of musicologists at New York University in the mid-60s, Carnegie Hall debut to great acclaim and has been received enthusiastically by audiences worldwide ever since.

In addition to appearing at major festivals, including the Hong Kong
Iver Bernstein, Ph.D., assistant profes-
sor of English, had his book The New
York City Draft Riots: Their Signi-
ficance for American Society and Polit-
ics first published by the Oxford Univer-
sity Press. His work was selected as a book by the History Book Club as a dual main

Willem H. Dickhoff, Ph.D., assistant pro-
director of physics, traveled to Elba, Ital-
ian, to present a paper titled "A New
State of Nuclear Matter" at an interna-
tional workshop on "Condensed Matter
Theories." In addition, he traveled to
Elb, Italy, to present a paper on "Two-
nuclear Emission Reactions."

Samuel E. Geyer, D.D.S., professor em-
eritus of restorative dentistry, has been
reappointed by the Missouri Dental Board as a member and
chairman of the Prosthodontic Spe-
cialty Board. He represents the MBD
at the American Dental Association
House of Delegates.

J. Eduardo Jaramillo, Ph.D., visiting
assistant professor of Spanish, recently
read a paper titled "Metropolitanas:
Ejercito de.versiones" in the second con-
ference of the latest work by Colombia
writers R.H. Moreno-Duran, at the Six
Congress of North American Colombianists.

Steven G. Krautz, Ph.D., professor of math,
has been named managing editor of a new mathematics
journal titled The Journal of Geomet-
ric Analysis. The journal’s editorial board includes distinguished scholars

From Princeton University, the Institute
for Advanced Study, Washington Uni-
versity, Indiana University and UCLA.

William H. Matheson, Ph.D., professor of comparative literature, and
Pieter D. et al., have been elected University alumnus and member of the St.
Louis Symphony, organized the fin-
al concert of the 1989-90 season with
an evening of the American Litera-
ty Translators Association. The con-
cert was held at the University of Iowa in Iowa City. The "inter-art" session featured Justin and
Hofmann’s "Hidden Syllables: The Syrinx of
John Ashbery and Elliott Carter." The
lecture was followed by a perfor-
mance of the Carter work.

Angela L. Miller, Ph.D., assistant
professor of art history, presented a
paper titled "Fabrication and the Repro-
cution of Art: In the 19th Century in a
re phenomenal" in the session titled "Female
Visions, Male Fantasies," which was
part of the conference of the National
Conference of Women in History on con-
tinuing education.

Have you done something brave lately?

Have you presented a paper at a recent meeting of the American
Philosophical Society? Or have you
received an officer of a professional organization?
The Slovak Society for Interdiscipli-
nary Research will help spread the
good news. Contributions regarding
faculty and staff professional activities are gladly accepted and
encouraged. Send a brief note with your full name, highest
degree, current title and department along with a description of your activity to Notables, Campus Box 1760, or by
e-mail to notables@wustl.edu. Please include a phone number.

Introductions to new faculty

The Record is featuring a weekly series profiling new faculty on the University campus. Profiles of faculty who joined the University community between January 1989 and September 1989.

Thomas E. Herman, M.D., assis-
tant professor of radiology at Harvard University Medical School and assistant in radiology (pediatric) at Massachusetts General Hospital. He is on staff at Massachusetts Children’s Hospital and Children’s Hospital, Inc., and is a member of the American College of Radiology. He has been in private practice.

James W. Marsh Jr., M.D., assistant professor of surgery at the University of Arkansas at Little Rock, and completed surgical training at St. Paul Hospital and the Mayo Clinic in Rochester and the University of Pittsburgh. He specializes in liver and bile duct surgery.

Eric J. Nuetzel, M.D., assistant profes-
sor of psychiatry and neuroradiology, received his bachelor’s in anthropological psychology in 1972, and his medical degree from St. Louis University School of Medicine in 1976. He is on the faculty of the St. Louis Psychosocial Institute and has a full-time private practice.

Paul Pisk, former music professor, dies

Paul Amadeus Pisk, a musicologist, pianist and composer who taught at the University from 1963 through 1972, was found dead in his home in Hol-
lywood, Calif. He was 96.

Pisk, a native of Vienna Uni-
versity and came to this country in 1936. After serving as dean of music at the University of California, he became head of music-
ology at the University of Texas, Austin. Upon his mandatory retire-
ment at the age of 70, he was ap-
nointed distinguished professor of music at Washington University.

In 1972 he moved to Austin and later to Los Angeles. His wife, Friedemann, died in 1981. He is survived by a son, George Pisk of Austin, and two grandchildren.

Major increase in funding Missouri higher education needed, says coalition

Chancellor William H. Danforth was among a group of Missouri’s top
college officials and lawmakers who testified recently before a hearing
that documents the need for a major increase in state funding for Missouri higher education.

The report, titled "Missouri Higher Education: Show Me the Future," was developed by Missourians for Higher Education (MHIE), a coalition repre-
senting nearly 50 public and private colleges and universities in Missouri.

The university administrators and lawmakers presented the report at press conferences held throughout the state on Jan. 18. The group traveled to Jefferson City, Springfield, Kansas City and St. Louis in their campaign for a major increase in higher education spending.

According to the report, "Missouri will risk suffering dramatic social and economic losses to competing states and nations* without a significant increase in state funding for higher education. It documents the fact that from 1988 that rank Missouri 47th nationally in the level of state support for higher education.

While a relatively wealthy state, Missouri spends less on higher education than any of its neighboring states. Missouri spends $99 per capita while Nebraska spends $143, Kansas $145, Oklahoma $118, Arkansas $117, Illinois $114 and Kentucky $113.

According to MHIE chairman Bill Mann, chancellor of the University of Missouri, the issue of raising state revenue to support higher education cannot be ignored because it is reaching a critical point. If additional state support for higher education is not forthcoming, educational quality will suffer," he said.

University of Missouri System President C. Peter Magrath reinforced Mann’s comments, saying, "Missouri higher education is in jeopardy. We have made significant cuts in pro-
grams and reallocated millions of dollars but still find ourselves unable to adequately maintain our buildings and pay competitive faculty and staff salaries."

"We cannot continue to maintain the state’s system of higher education through a continuous cycle of cuts and reevaluation alone. A significant new investment of state revenue is needed to provide Missourians with the educational programs they deserve and the economic development support they need in the new decade and the new century."

Danforth adds that the long-range future of Missouri is at stake. "Mis-
souri depends on the strength of its universities and colleges not only today, but even more so as we enter the 21st century. Our youth now see a college education as basic; and we must assure them access to the best we have to offer."

Danforth, a past chair of Missour-
ians for Higher Education, was among a group of top officials from Mis-
sour’s higher education institutions who formed the coalition in Decem-
ber 1985. Today, the coalition repre-
sents 46 public and independent institutions ranging from two-year
colleges to major research universities. The coalition’s goals include (1) helping Missourians understand current conditions in the state’s colleges, (2) presenting ideas to improve Missouri schools and (3) bringing these issues to the attention of the media and public policy-
makers. The recently released report is one effort being made statewide to meet these goals.

Joining the college presidents and other members of the Missouri coalition throughout the state were Missouri Senator Pro-DDL Jim Matheson and State Rep. Jim Barnes, who has introduced legislation to increase state support for higher education.

According to the coalition’s report, Missouri’s institutions of higher education need $507 million more very year to remain competitive. The report included an outline of where increased state support for higher education would be invested. Inde-
pendent institutions like Washington University and Webster, struggling through more funding in two areas: 13 percent of the $507 million would support full funding of the Missouri Student Grant Program assisting access to higher education for many thousands of Missourians through scholarships and student support. Thirty percent would be used for additional funding of the Missouri Research Assistance Act and the Applied Projects Act, which put Missouri’s universities and colleges to work on promising educational development for the state.

Joining the coalition as a group of its kind in the nation, and several states in the Midwest through the National Coalition on Educational Development and Support, have been the seminal issues in the state’s current conditions in the state’s economy, the state’s education budget, the state’s economy and its current state-wide educational organizations. The coalition is setting a unique example for cooperation among public and independent schools in an era of intense competition for state, tax dollars and private gifts.

Journalist specializing in China to talk

Orville Schell, a journalist specializing in China, will speak at 11 a.m.
Wednesday, Feb. 7, in Graham Chapel. The lecture, part of the Five 
Assembly Series, is free and open to the public.

Schell is the author of eight books on China, democracy and democracy in China. He has written for such magazines as Time and The Christian Science Monitor, and has been published in his 1976 book titled In the People’s Republic.

For more information on the lecture, call 889-6523.
Thursday, Feb. 1

4 p.m. Dept. of Chemistry, Lecture, "Quantum Dynamics of Ozone: Recent Experiments and Theory," Irwin Friezon, professor of chemistry, U. of Texas, Austin. Lab. Lounge, Duncker Hall. For more info., call 889-3795.


4:15 p.m. Dept. of Philosophy Colloquium, "Socrates: The Beyond,"

Friday, Feb. 2


Saturday, Feb. 3
9 a.m. Saturday Morning Neurosciences Seminars, "Neurotoxicity, Regulation of Neurotransmitter Release, and Epilepsy," Richard Leibach, Dept. of Neurology, Harvard Medical School.


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