WU maintains Putnam dynasty with easy wins over Princeton, Harvard, Stanford

For the second year in a row and the third time in six years, WU has won the nationally prestigious William Lowell Putnam Mathematical Competition. This victory, similar to winning last weekend’s NCAA Division I championship — only in mathematics instead of basketball — required beating the likes of Princeton, Harvard and Stanford universities, which came in second, third and fourth, respectively.

The next six schools included the University of Maryland, the California Institute of Technology, the University of Toronto, the University of Waterloo (Canada), Yale and Case Western Reserve. Schools which did not make the top ten this year included the University of Chicago, the University of California at Berkeley, and the Massachusetts Institute of Technology.

For the second year in a row and the third time in six years, WU has won the Putnam Mathematical Competition. This victory was founded by the late Mrs. Putnam. It is open to all collegiate undergraduates. Each school may enter as many students as it wishes, but the coaches must designate the three students they think will have the highest scores for the school team. This year, more than 2,000 students from 343 colleges in North America participated.

In addition to being the winning team, WU continued its record of placing other students among the top 100 scorers, with Carl Narveson placing 52nd.

Four arts and sciences faculty chosen for excellence in teaching

Four members of the faculty of Arts and Sciences will be presented with awards for “excellence in teaching” at 2 p.m. Friday, April 9, in the Atkins Whitney Olin Women’s Building Lounge. The citations are presented by the Council of Students of Arts and Sciences (CSAS).

The first citation is given to Leonard S. Green, associate professor of psychology, Clyde Ruffin, assistant professor of black studies and of performing arts; Edward L. Szpirzengel Jr., professor of mathematics; and Ann Marie DiStefano, assistant professor of education.

The citation for teaching was selected by the nine-member arts and sciences council from open nominations. Steve Adams, president of the CSAS, will preside at Friday’s ceremonies. Clark has been at San Diego State University since 1969. She was educated in biochemistry and zoology at the University of California, at Berkeley.

Clark is the first recipient of the CASE Professor of the Year Award. The judges singled her out for two professional achievements, in addition to her impact on students. She wrote a textbook, "Contemporary Biology," which has influenced the teaching of general biology, and she also developed an interdisciplinary course, "Guidelines for the Future," which poses ethical dilemmas of modern society for discussion.

CASE is a national organization of university public relations, development and alumni relations professionals.
Study reveals blacks, older adults are untapped volunteer force

Who will be the volunteers of the future? A recent study by a WU professor, Gillespie said, suggests that the emphasis on youth places upon youth may lead them to believe that they are not wanted by these agencies. At the other end of the age spectrum, few young people, especially students, are involved in volunteer work. Gillespie said young people look for paid positions in social agencies or work offering academic credit before choosing a volunteer position. Gillespie said that corporations are also a good source of professional volunteers.

"Corporations in St. Louis, including Monsanto, Union Electric, Southwestern Bell and McDonnell Douglas, have joined to offer a unique program of leadership and management training seminars for managers and directors of social agencies," said Gillespie. "They have also formed a consulting skills bank of employees who help agencies with a variety of problems — from financial planning to emergency disaster relief."

The next step for agencies like the American Red Cross is to approach these untapped groups. Gillespie found that traditional ways of recruiting volunteers — spending substantial amounts of money for promotions in newspapers, television and radio — do not work. Fewer than six percent of the volunteers surveyed by Gillespie volunteered because of these promotions.

"Most of the people found out about volunteer positions through a friend, a speaker or another agency," Gillespie said. "The opportunities for recruiting are clearly on the side of the face-to-face approach."

Putnam — continued from p. 1

and Bard Bloom placing 95th.

Why did WU do so well in the competition? "It's a combination of very high-quality students and intensive coaching sessions held every Friday afternoon throughout the fall," said Bender.

He and Wilson began the weekly coaching sessions in October, where they helped students work problems on past exams, explored patterns, analyzed mathematical steps and reviewed tricks that occasionally are useful. The Putnam competition was held Dec. 3, 1981, and the scores, graded by two panels of judges, were announced April 1.

All three members of the winning team are Arthur Holly Compton Fellows. The Compton Fellowships are awarded to WU freshmen through a highly demanding academic competition and include a full tuition plus a stipend for four years.

"The Compton program has broadened my horizons," said Wilson. "For awhile, Carl Bender and I weren't sure that our coaching was necessary. But the practice sessions did help. The coaching adds perhaps five points to the raw team score, and that translates into the difference between first place and eighth place."

The six-hour competition is divided into two parts, with a total of 12 problems. The students are equipped only with pencils, no books or calculators. Keating and Stong will receive an additional $250 for placing among the top ten scorers.

Chancellor William H. Danforth will hold a victory dinner later this month for all 21 WU Putnam contestents.

World expert on catalysts presents Dreyfus lecture series

John A. Osborn, professor of chemistry at the University Louis Pasteur in Strasbourg, France, will present a weeklong lecture series, April 12 through 16, at WU. The lectures are on catalysts — metal compounds that speed up chemical reactions but remain unchanged themselves. Catalysts are of critical importance to the chemical industry, and a great deal of research is being done both in industry and academia to produce better catalysts.

The lecture series is being funded by a grant from the Camille and Henry Dreyfus Foundation to promote an interchange among distinguished scientists, faculty and students at academic institutions throughout the United States. WU was one of four midwest schools chosen for this program, a tribute to Drs. Camille and Henry Dreyfus, who were pioneers in the production of synthetic chemicals such as cellulose acetate and man-made fibers.

On Monday through Thursday, April 12-15, the lectures will be held at 3:30 p.m. in Louderman Hall, Room 561. The talks are free and open to the public.

On Friday, April 16, a special one-day symposium sponsored by the Dreyfus Foundation, Monsanto and the WU Department of Chemistry, will begin at 9:30 a.m. on campus in the main lounge of the Ann Whitney Olin Women’s Building. Titled "Aspects of Homogeneous Catalysis," the symposium marks the start of a joint seminar program in inorganic and catalytic chemistry between Monsanto and WU. The symposium is also free and open to the public. Tickets for lunch can be obtained from George Stanley at 889-6844.

Osborn received his PhD in 1967 from Imperial College in London. As a graduate student with Sir Geoffrey Wilkinson (Nobel Laureate in 1973), he discovered and elucidated the mechanism for one of the most active and best known homogeneous catalysts, Rh(PPh3)3. C3, often referred to as Wilkinson’s Catalyst, which is used in many industrial processes. He joined the chemistry faculty at Harvard University in 1967, where he continued his research into catalytic systems. In 1975 he moved to Universite Louis Pasteur in Strasbourg, France.

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St. Louis tours, theatre, concerts planned by new student-faculty group

The newly organized 22-member Student-Faculty Interaction Committee has planned an “eventful” spring season with a variety of special activities scheduled that should make April and May as colorful as the blossoms bursting into bloom after last winter’s “deep freeze.” Circle three Saturdays in April, the 10th, 17th and 24th, if you want to sample some St. Louis neighborhoods.

Robert H. Salisbury and Arnold J. Heidenheimer, both professors of political science, will serve as tour guides on the first of these dates. Salisbury will lead a group headed for Soulard Market, the brewing area where “Bud” is bottled, and Laclede’s Landing. Heidenheimer will escort his flock to Lafayette Square and then on to Soulard Market. Both groups will leave campus at 10 a.m. for the two-hour pilgrimages.

Marilyn E. Heldman, part-time lecturer in the art and archaeology department, will lead an “Eating and Architectural Tour” of the Italian Hill section on April 17th from 11 a.m. to 2 p.m. Evelyn Hu DeHart, assistant professor of history, will point her group in the opposite direction as she heads toward St. Louis’ Near Northside the following Saturday, for two hours of exploration beginning at 10 a.m.

Reservations are required for these neighborhood treks. Groups will be limited to ten students each. Call Justin X. Carroll, director of student activities, at 889-5040 to reserve a place on these trips.

The small fry (ages 4-10) of the faculty are invited to an “Easter Egg Hunt” on Saturday, April 10, at 10:30 a.m. Children should gather behind Buehmann and Bellemont Residence Halls on the South-40 for an hour’s searching of the tuft’s nooks and crannies. Parents of young folk eager to participate in this hunt should make reservations. Call Michael Riera, area coordinator, at 889-5038, for this “Bunny Day” fun.

Meanwhile, the WU community is invited to gather the evening of Monday, April 12, at the Ann Whitney Olin Women’s Building at 7 p.m., to hear a representative of the St. Louis Symphony lecture on the music chamber concert to be presented later that evening at Grace United Methodist Church, 6190 Waterman Ave., at 8 p.m. Guests can feast on wine and cheese before heading for the concert. For ticket information, please call the Symphony office at 534-1700. Bring your mitts or an Easter basket or more mundane brown bag to the Quad on either or both Fridays (April 15 and 16) at 12:15 p.m. Music will waft on the breeze at these April “lunch breaks.”

On Saturday night, May 1, theatre buffs who attend the performance of Company in Edison Theatre are invited to pop off the evening with a candlelight reception in Bowles Plaza. The next day, scramble out of bed early to prepare for an old-fashioned all-University picnic in Forest Park. This noon to 4 p.m. bash will include non-electronic games such as an egg toss, three-legged race, and volleyball.

To smooth and soothe those who suffer from “examination whammies,” kindhearted faculty have volunteered to chat during “study breaks” on Tuesday and Wednesday, May 4 and 5, from 10 p.m. until the winning hour in the “Cage Area” of the Wohl Center.

Richard Lee Nault, coordinator of alternative educational programs in the College of Arts and Sciences, is the person to call at 889-0811 for more information.

Campus Notes

Donald Allen, a doctoral candidate in psychology, was invited to give a keynote address to the Task Force on Black Psychology, part of the Association of Black Psychologists, at a meeting April 1-4 in Atlanta, Ga. His lecture, titled “Advances in Black Personality Theory and Implications for Psychology,” gave a diagnostic perspective on black personality order and disorder and treatment implications. The task force is charged with promulgating a psychology in areas that emphasize Euro/American psychology has not addressed.

Joseph M. Davie, head of the Department of Microbiology and Immunology at the School of Medicine, and Edward L. MacCraith, associate vice chancellor for research, made presentations at a conference sponsored by Florida State University in early March on “Biotechnology: Its Impact on Industry, University and Government.” Davie, who recently returned from the medical school’s research of hybridomas, addressed the biochemistry session on monoclonal antibodies, which are produced from the artificially produced hybridoma cells. MacCraith spoke on “New University Outgrowths” at the session on industry-government-university relationships.

Edith E. Graber, assistant professor of sociology, and Murray L. Wax, professor of sociology, attended the 46th annual meeting of the Midwest Sociological Association in Des Moines, Iowa, April 7-9. Graber presented a paper titled “Max Weber’s Early Sociology.”

Four Japanese scholars speak at seminar

Four eminent Japanese scholars will visit the campus and present papers in English Tuesday and Wednesday, April 13 and 14. This visit by the quartet is sponsored by the Japan Foundation and the Japan-U.S. Friendship Commission as part of their Japan Traveling Scholars Seminar. The lectures are free and open to the public.

The four speakers are Haga Toru, a professor of literature and history at Tokyo University, Sofue Takao, an anthropologist from the National Museum of Ethnology, Osaka; Watanuki Joji, a political scientist from Sophia University, Tokyo, and Yagi Atsuko, a scholar of early Japanese history, from Yamaguchi University, in Yamaguchi.

Atsumi will give the first lecture, “The Japanese Emperor in Ancient Times,” at 3 p.m. on Tuesday. At 4 p.m. that evening, Toru will speak on “Hokkai and Mount Fuji in Japanese Culture.”

Next Saturday will be a busy day for campus egg hunters. Nor one, but two hunts will be held that day, the first at 10:30 a.m. near Rehoboth Memorial Hospital on the South-40, the second, at 1 p.m. on the lawn of the Student International House, 6470 Fondy Bird. The second hunt is a first-time event, sponsored by the Student-Faculty Interaction Committee. Mike Riera, at 889-5038, can make reservations for children of faculty members.

The Women’s Society of WU is sponsoring the afternoon events, as they do traditionally for the children of international faculty, staff and students. They will have refreshments, puppets and prizes as well. Call Diane Hanry at 889-5810 for reservations.

Problems and Perspectives” during a plenary session on that sociologist and economist. Wax was the organizer and chairman of a plenary session on Freud. He gave a paper during this session titled “Methodology as Critique.”

Charles E. Hogen, assistant director of Wu’s General Services/Purchasing Department, was a featured speaker at a workshop of Project Equality Inc. April 5 in St. Louis. Project Equality’s purpose is to encourage equal employment opportunity practices on the part of suppliers of goods and services and to validate that participation. Hogen talked about WU’s experience with the program and its use of the Bayer’s Guide, a publication of Project Equality.

Daniel A. Pacheco, a M.B.A. candidate, has been awarded the “Outstanding Business Student Award” from The Association for the Integration of Management Inc. (AIM) at special ceremonies in New York City. He received an engraved Steuben crystal bowl from AIM, a non-profit, tax exempt, multi-racial management development and consulting organization. Its objective is the achievement of full participation in private sector management by minority group men and women.

Pacheco, a Mexican-American, was awarded a fellowship in 1980 from the Consortium for Graduate Study in Management, a nonprofit coalition of six universities, including WU, that recruits minority MBA candidates for graduate study in business.

Dudukovic, Georgian receive teaching awards

Milord Dudukovic and John C. Georgian have been selected Professors of the Year in the WU School of Engineering and Applied Science. Dudukovic, professor of chemical engineering and chairman of the Chemical Reaction Engineering Laboratory, has been awarded this honor three times previously, in 1976, 1978 and 1981. Georgian, professor emeritus of mechanical engineering, received the award for the first time, bringing the number of times he has received a year ago. Georgians continue to teach a variety of classes in machine design, controls and applied mathematics.

The Professors of the Year were determined by a vote of graduating seniors in engineering. Professors were announced at the annual engineering awards banquet March 27 during Engineers’ Weekend.

Send in A&E pledge cards

WU employees wishing to make a contribution to the Arts and Education fund should send in their pledge cards to the Arts and Education Council, 40 N. Kingshighway, as soon as possible. Pledge cards are available at the Information Office, lower level, S. Brookings Hall.
Thursday, April 8
2:00 p.m. Department of Chemical Engineering Seminar, "Computer Simulation," J. M. Haile, dep. of chemical engineering, Clemson University.
2:15 p.m. Department of History Lecture, "Languages of Liberty: Classical and Contemporary Perspectives," Margaret Ann Stone, prof. of political science, U. of Cambridge, and WU Visiting Levin Professor in the History of Science and Technology.
5:00 p.m. Author's Reading, "A Disease Called History," Margaret Bush Wilson, chairwoman, NAACP National University, S. Carolina. 101 Cupples II.
8:00 p.m. Johnson Memorial Lincoln Colloquium, "The Founding of the Republican Party," William M. E. Greene, Stanford University.
Tuesday, April 10
2:00 p.m. Department of Nursing Lecture, "Nurses in Domestic Violence: Reaching Out to Help," Doris M. O'Keefe, School of Nursing, U. of Minnesota.
2:00 p.m. Department of Biology and Environmental Science Colloquium, "Genetic Diversity in the Missouri River Drainage," Michael L. Eckenrode, dept. of biology, WU.
4:30 p.m. Music Colloquium, "World Music," Nancy Grubbs, dept. of music, WU.
4:30 p.m. Department of Chemistry Lecture, "Chemical Reaction on the Breakup of Liquid Jets," John Berg, prof. of chemical engineering, U. of Washington. 101 Cupples II.
5:00 p.m. Department of Civil Engineering Seminar, "Determination and Support of Education (CASE) Professor of Chemistry," A. Osborn, Universite Louis Pasteur, France. Ann Whitney Olin Women's Bldg. Lounge, noon, $3 per person. For reservations, call 889-6844.
6:30 p.m. Department of History Lecture, "Heterogeneous Catalysis: Friends or Foes?" John S. Benjamin, Route 4, and the College of Arts and Sciences, Dep. of Chemistry, Catholic University.
6:30 p.m. Music Colloquium, "Music and History in the Early Church," Robert G. Wexler, dept. of music, WU.
7:30 p.m. Department of Economics Colloquium, "Innovation, Investments and Economic Growth," Sir Andrew Cairns, chancellor, Oxford University. Dept. of Economics Colloquium.
7:45 p.m. Department of English Lecture, "On the Shakespearean Enterprise: 'This Inconceivable Stay,"' Lawrence J. Rose, prof. of English literature, Dartmouth College.
Friday, April 11
9:30 a.m. Department of Biology and Environmental Science Colloquium, "Is Decontrol of Natural Gas Decontrol?" Lee M. Liberman, chairman of the board and provost, Louisiana State U., New Orleans.
2:00 p.m. Department of History and Philosophy of Science Lecture, "Liberal Arts: A Search for Meaning," Robert G. Wexler, dept. of music, WU.
3:00 p.m. Department of History Lecture, "Archives to Mark Twain and Kurt Vonnegut. In- terviews, Olin Library, fifth floor. April 12-August 31. 8:30 a.m.-5 p.m. weekdays. WU Faculty and Staff only, please note name and telephone number. For submissions, please note name and telephone number. WU students; and $3 for WU students. Tickets on sale starting at 9:00 a.m. April 12. 889-5690 or SES, 889-5970, Holmes Lounge.
3:30 p.m. Music Colloquium, "Musical Improvisation in the Early Church," Robert G. Wexler, dept. of music, WU.
3:30 p.m. Museums Lecture, "Enfants Terribles." $2. Brown Hall Aud. (Also Sat., April 10, same time, Brown.)
3:30 p.m. Department of History Lecture, "World Inflation Forever?" Sir Alexander Cairns, chancellor, Oxford University.
8:00 p.m. Music Colloquium, "Music and History in the Early Church," Robert G. Wexler, dept. of music, WU.
8:30 p.m. Schools of Fine Arts and Architecture Lecture, "Introduction to Industrial Products for a Landscaping the I-10 Project in the United Kingdom," Sir Alexander Cairns, chancellor, Glasgow U., Scotland. Eliot Hall.
9:30 a.m. Assembly Series Lecture, "Life in Ice," Sir Alexander Cairns, chancellor, Oxford University.
11:00 a.m. Department of History and Philosophy of Science Lecture, "Topics in Theoretical Population Genetics: Variability and Evolutionary Patterns in the Bignoniaceae: A Model of Organization and Evolution of Telomeric Sequences and Their Afferents and Afferents in an Intact Muscle Nerve," (Also Sat., April 10, same time, Brown.)
11:30 a.m. Museums Lecture, "19th- and 20th-century Masterpieces from the University Collection." Lower Gallery, WU Gallery of Art. Hours are 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. Through April 5.
12:30 p.m. McDonnell Laboratory for Psychological Research Colloquium, "Automated Filming of Spon- taneous Psychokinesis," Piers B. Phillips, WU.
1:00 p.m. Department of Music Colloquium, "Musical Improvisation in the Early Church," Robert G. Wexler, dept. of music, WU.
2:30 p.m. Department of History Lecture, "Heterogeneous Catalysis: Friends or Foes?" John S. Benjamin, Route 4, and the College of Arts and Sciences, Dep. of Chemistry, Catholic University.
5:00 p.m. Department of Geology Lecture, "Secondary Cleft Lip and Palate Deformities," John O. Zoltan, prof. of plastic surgery, Mayo Medical School, U. of Minnesota.
6:00 p.m. Department of History Lecture, "World Inflation Forever?" Sir Alexander Cairns, chancellor, Oxford University.
6:00 p.m. Department of History Lecture, "The Founding of the Republican Party," Doris M. O'Keefe, School of Nursing, U. of Minnesota.
6:30 p.m. Music Colloquium, "Musical Improvisation in the Early Church," Robert G. Wexler, dept. of music, WU.
6:30 p.m. Music Colloquium, "Dorothy Golay," Thomas F. Kuhne, dept. of music, WU.
7:30 p.m. Department of Geology Lecture, "On the Shakespearean Enterprise: 'This Inconceivable Stay,"' Lawrence J. Rose, prof. of English literature, Dartmouth College.
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