Approximately 2,000 members of the WU community will join hands and encircle the Hilltop campus at 5 p.m. Friday, April 11, to raise money for the country's needy.

"Hands Around WU" is being held to raise funds for the "Hands Across America" project sponsored by the USA for Africa Foundation. The national plan, where hundreds of Americans will join hands May 25 to form a chain from New York to Los Angeles, is designed to combat hunger and homelessness in the United States by raising money for emergency relief programs and long-term development projects.

Although other colleges are sponsoring events to support "Hands Across America," WU is the only school to host an activity where participants hold hands across a university, says Doogie Armstrong, a spokesperson for the national project.

The 1.5 mile path for "Hands Around WU" will begin in front of Brookings Hall. The route will then proceed to Millbrook Boulevard, continue on Millbrook along the service road near the engineering buildings, past McMillan, Eliot and Mudd Halls, continue between the Millbrook Apartments and the Alpha Epsilon Pi (no. 9) and Sigma Phi Epsilon (no. 10) fraternity houses; proceed to Big Bend Boulevard and head south to the corner of Forsyth; along Forsyth to Givens Hall; and past Givens back to the front of Brookings.

There is no fee to participate in "Hands Around WU." However, the Hands Around WU Steering Committee is soliciting funds for the needy by recruiting sponsors to pledge money for each participant. So far, Coca-Cola Bottling Co. of St. Louis Inc. and Grey Eagle Distributors Inc. have agreed to sponsor the event.

Pre-registration is requested for "Hands Around WU." Registration will be held from 11 a.m. to 2 p.m. at the Union from 11 a.m. to 2 p.m.

Music videos inspire PAA show

The Performing Arts Area will present "Fractured Videos" at 8 p.m. April 18-20 in The Gargoyle, Millikin Center. The production is directed by Rhonnie Washington, Ph.D., assistant professor of performing arts and African and Afro-American studies.

"Fractured Videos" was inspired by music videos. Washington says it is a cross between music video and master mix. The show contains acting, dancing and music, from rhythm and blues, to jazz, to classical to pop.

The show is a sequence of short vignettes that are, says Washington, "comments on human nature." Some of the sketches include "The Creep Show," "The Fight" and "Love and Marriage."

The production is the project of the Black Theatre Workshop, an acting course at the University. Students featured in the production are David Beckett, Wanda Boykin, Patrick Davis, Denise Jackson, Gregory Lacey, Moira Ogden, Dianne Robinson, Anjali Stephens and dance students Lisa Hayden and Nina Rich.

Tickets for the production are $3 and $2 for students. For more information, call 889-5885.

Classics professor will explore travel in ancient world

Lionel Casson, professor of classics at New York University, will give the Phi Beta Kappa/Sigma Xi Lecture in the Assembly Series. Casson's lecture, "Travel in the Ancient World," is at 11 a.m. Wednesday, April 16, in Graham Chapel.

Casson has taught at New York University since 1936. He received his bachelor's, master's and doctoral degrees there. His recent books include Daily Life in Ancient Rome, Daily Life in Ancient Egypt and Travel in the Ancient World. He is an expert on seafaring and commerce in antiquity and has lectured widely on comparative aspects of ancient and modern life.

The lecture, which is free and open to the public, honors the initiates of Phi Beta Kappa, the honor society for students in the liberal arts, and Sigma Xi, the honor society for scientific research.
Organ undergoes restoration

The organ at Graham Chapel is being reconditioned with a part of University history.

The original M. M. Moeller organ was dismantled in January and Petty-Madden Organbuilders in Hopewell, N.J., is reconditioning the 17-year-old instrument to replace timeworn components. Completion of the project is scheduled for Sept. 1. Graham Chapel will be closed during the summer due to the organ installation.

Dismantling the organ, the Petty team of seven men discovered a chime-activating mechanism that was part of the first organ installed in Graham Chapel in 1913. The original organ was a Kilgen instrument. This same mechanism will be used in the restored organ.

The team members recognized the design and patent of the 1913 chime action," comments Robert R. Sempton, Jr., construction contractor for WU and overseer of the project. "I think it's great we can use the item to upgrade the current organ — it represents a part of the University's heritage." The organ consultant for the reconstruction is Charles H. Heaton of East Liberty Presbyterian Church in Pittsburgh, Pa.

For nostalgic reasons, it's also "kind of neat to have something in one instrument that dates back to another," says Nathan Eakin, reference librarian for the University's music library.

Petty-Madden is rebuilding most of the organ. Workers also are tuning the musical instrument to meet the acoustic requirements of the chapel. WU's Maintenance Department is refurbishing the facade pipes and the organ woodwork.

The "Life and Opinions of Sor Juana Ines de la Cruz." The work was never read in English.

One of the greatest Latin American poets was suppressed by her bishop because she was a woman. Furthermore, her work has never been read in English. Holy Roman Repertory Company will present a concert program of newly translated work by this 17th-century scholar, author and book collector, who was also a clorister nun — Sor Juana Ines de la Cruz.

The program will air in the Holy Roman Radio "Lives and Opinions" series on KWMU 90.7 FM on May 14, and then be distributed to other National Public Radio stations around the country.

Sor Juana wrote love lyrics and epigrams, tramas and learned treatises. When her ecclesiastical superiors tried to make her stop writing, she wrote the Respuesta, an autobiography, in which she defended the right of women to learn and refused the arguments of her bishop that she should keep silent. Most of the work presented, including her poetry and the Respuesta, has been translated for the first time into English by Margaret Sayers Peden, who is working with the company on the program.

Susie Wall will act the role of Sor Juana, and Drew Minner, renowned counter- tenor, will make a return to St. Louis, performing with the company in musical selections from the time of Mexico's baroque royal court. Also appearing in the program will be Holy Roman Repertory Company regulars Hollis Huston, Agnes Wilcox and Jeffrey Noonan.

Admission at the door is $5 for evening performances and $3 for the matinee. No reservations are necessary. There are two dollars for students and KWMU "Studio Set" members.

For more information, call 889-5423, the 24-hour hotline for the WU Gallery of Art.

Joining hands —

"Hands Across America" will be held in the lobby of Mallinckrodt Center. Persons also may call 889-5917.

Four St. Louis area rock 'n' roll bands have donated their talents to perform at a "Hands Across America" benefit concert sponsored by the Hands Around WU Steering Committee. The concert will be from noon to 7 p.m. Saturday, April 12, at Francis Field. The cost is $5. All proceeds will go to the national organization. Performing at the event will be Big Fun, Be-Vision, Diamond Lion and Blank Space.

For more information about "Hands Around WU," call Tim Melton, the coordinator of the event, or Dianne Stober, chairperson of the "Hands Across America" benefit committee. Both can be reached at 889-5917.

For details about "Hands Across America," call the St. Louis office at 436-3000.

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Two WU scientists are among young investigator awardees

Two scientists at WU are among 100 recipients of the Presidential Young Investigator Awards sponsored by the National Science Foundation. These grants are aimed at helping universities retain outstanding scientists who perhaps might otherwise pursue non-teaching careers.

Michael I. Miller, Ph.D., assistant professor of electrical engineering, and Lee G. Sobotka, Ph.D., assistant professor of chemistry, are each eligible to receive up to $100,000 per year for five years of study in the field of their choice.

Miller and Sobotka will receive a $25,000 base grant each year for five years. The award provides an additional $87,500 per year if the researchers obtain matching funds from private sources interested in their research projects.

Miller will use part of the grant to continue his developmental methods for analyzing data produced in positron emission tomography and electron microscopy autoradiography, two low-light level imaging process techniques that are important in many medical and research applications. The new algorithms being developed, he said, will allow researchers to obtain more accurate information from these imaging techniques.

Sobotka said he will use the remainder of the grant to study how the brain recognizes speech patterns. His research will help scientists understand how the central nervous system codes the information it receives from auditory sense and processes this information into recognized speech.

Notable

Lucius J. Barker, Ph.D., Edna Fischel Gellhorn Professor of Public Affairs, has published the fifth edition of Civil Liberties and the Constitution. The third edition of the book was written by Barker, who chaired the volume with his brother, Twiley Barker Jr., of the University of Illinois at Chicago. Civil Liberties and the Constitution is designed to enhance readers' understanding of these problems by reviewing major judicial decisions, primarily those of the U.S. Supreme Court. A complete book is published by Prentice Hall.

Robert H. Easton, Ed.D., director of the Student Counseling Service, gave a presentation at the Missouri Law Schools held in New Orleans. His presentation was titled "The Personal Aspects of Financial Aid Conferences." The session sought to identify the interpersonal aspects of financial aid conferences, the students' problems that might lead to ineffective referral to appropriate resources.

Robert R. Pough, Ph.D., associate director of the Center for the Study of American Law, who chaired the Annual Meeting of the Association of American Law Schools held in New Orleans. He also met with the convention at the Cervantes Convention Center. His topic, "Commercial Development of Expert Systems," dealt with expert systems as an industry is one of the most serious problems facing higher education. The awards are intended to encourage some of our most promising young people to seek and remain in academic careers, Bloch said. "They represent a new spirit of cooperation among industry, academia and government in addressing this problem."

Recipients of the Presidential Young Investigator Awards are outstanding researchers nominated by their university. The foundation has selected the winners from 883 applications from 162 universities across the country.

Math team garners top honors

In addition to WU, teams from Georgetown University, Grinnell College and Harvey Mudd College were designated "Outstanding." The winners' papers will be published in the Journal of the International Association for Mathematical Modelling.

High school math contest brings 300 students to campus

The competition, funded by the U.S. Department of Education, focuses national attention on applications of mathematics to real-world problem solving. One hundred fifty-seven teams from the United States and Canada entered the competition, which required solution of one of two problems in a single weekend, without assistance from university professors. The WU team chose problem involving wireless telephones and place emergency service facilities in a hypothetical town so that response times for all locations in the town was minimized.

Sobotka, a nuclear chemist, plans to apply the grant to his study of how nuclei behave when they have large amounts of angular momentum (spin). The experiments are aimed at understanding the mechanism by which energy and spin are divided among fragments emitted by the nucleus. The new detector, when used in conjunction with existing equipment, will be capable of recording data on all particles and photons emitted from the decay of these nuclei.

The award provides an additional $87,500 per year if the researchers obtain matching funds from private sources interested in their research projects.

A team of mathematics students from WU has garnered top honors in the second annual competition in Mathematical Modelling. It is the second time in many years that the team has won an "Outstanding" designation in the national competition. This year for five years of study in the second or "Meritorious" category.

Undergraduates Jonathan P. Caulkins, Robert C. Barrett and Andrew J. Yates comprised the first place team. Members of the second place team were Mark J. Schachtman, Marc W. Jedel and Howard J. Deensky. Faculty advised for both teams was David L. Elliott, Ph.D., professor of mathematical theory in Corporate Law." Other papers are aimed at understanding the mechanism by which energy and spin are divided among fragments emitted by the nucleus. The new detector, when used in conjunction with existing equipment, will be capable of recording data on all particles and photons emitted from the decay of these nuclei.
LECTURES

Thursday, April 10
2:30 p.m. Dept. of Mechanical Engineering

3 p.m. Women's Studies Program Colloquium, "The Lesbian Perspective," Julia Pene-lope, assoc. prof. of English and women's studies, Nebraska, Husker Lounge, Duncan Hall.

4 p.m. Dept. of Philosophy and Mathe-matics Colloquium, "Pre-tadially-Metaphilosophy Chemistry," John R. Steele, WU, prof. of physics, 511 McLennan.


Friday, April 11

4 p.m. Dept. of Romance Languages and Literatures Lecture, "L'imaginaire-de-littéra-ture romantique," Joseph Bianco, WU asst. prof. of romance languages and literatures, WU's Bldg. Lounge.

4 p.m. Dept. of Music Lecture Series, "Tillich's Concept of the Art Process," David Schiff, Reed College, Blewett B-8.

Monday, April 14
2 p.m. Dept. of Chemical Engineering Seminar, "Transport Phenomena in the Cardi-ac System," Samuel S. Epstein, visiting profes-sor, Rutgers U., on leave from Technion, Israel. 100 Cupples II.

4:30 p.m. Dept. of Mathematics Colloquium, "On Divisibility of Large Torsion Points Through Potential Arithmetics," Daniel W. Krashen, WU, 442 (Steinberg Hall).

5 p.m. School of Architecture Lecture Series, "Recent Works," Teodoro Gonzalez De León, graduate of the National School of Architecture, Mexico City. 116 (Kirk Hall).

5 p.m. Philosophy and Literature Class with Paul West, novelist, reading from his own works, 100 Rush.


Tuesday, April 15
noon. WU Medical School Irene Walter Johnson Rehabilitation Institute Colloquia Series, "Coping and Repairing," Schwartz Hall, Brown Hall.

12:30 p.m. Center for the Study of Data Processing Symposium, "A Knowledge-Based Approach to Integrating Existing Data Processing Environments," James N. Elmore and William E. Ellis, WU, 442 (Steinberg Hall).

4:30 p.m. George H. Bishop Lecture in Ex-perimental Neurology, "A New Approach to the Identification of Somatosensory Neurons Particularly Those Involved in Pain," William D. Wright, WU, director of the Marine Biomedical Institute and prof. of physiology and biophysics and anatomy at the U. of Texas Medical Branch in Galvez. WOth, 4960 Audubon.

Friday, April 18
2 p.m. Engineering and Policy Seminar, "Research Treatments in the Management of End-stage Renal Disease," R. George Schmidt, WU, prof. of health care administration. 104 Steinberg Aud.

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Friday, April 18
8 p.m. Gunnar Grass Prints." Through April 27. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays. For more info., call 889-4523.

"Modern German Prints and Drawings from the Collections," Through April 27. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays, 1-5 p.m. weekends. For more info., call 889-4523.

Saturday, April 19
8 p.m. Holy Roman Repertory Company Production, "The Life and Opinions of Señora Juana Ines de la Cruz." Steinberg Aud. (Also Sat., April 19, at 2 and 8 p.m., and Sun., April 20 at 2 p.m., at the WU Filmboard, 7:30 and 8:45 p.m.)

"Bifurcation Theory and Its Application to Critical Fluid Interfaces," Mark Robert, prof. of chem-ical engineering, WU.

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