Monsanto provides equipment worth $1 million to chemistry

To support research at the Washington University chemistry department and the work of scientist Jacob Schaefer, Ph.D., Monsanto Co. will provide financial support and research equipment with an estimated value of $1.4 million, according to Chancellor William H. Danforth.

Schaefer joined the Washington faculty as the Charles Allen Thomas Professor of Chemistry this past fall. Previously, he was a senior fellow at Monsanto and leader of the company's New Analytical Techniques Group.

Included in the gift is support for Schaefer’s laboratory in Louderman Hall as part of major renovation for the chemistry department. Monsanto is providing partial support of $300,000 for the overall project, which will cost $1.9 million. In addition, start-up funds for Schaefer’s research will total $127,000, and he will receive specialized Nuclear Magnetic Resonance (NMR) equipment with an estimated value of about $1 million.

“The commitment of resources and highly prized research equipment by Monsanto will make a wonderful addition to our chemistry department and to the work of Professor Schaefer, who is an internationally recognized chemist,” said Danforth.

Schaefer, who joined the Washington University faculty after serving as a senior fellow at Monsanto, is an innovator in using NMR to open new windows into the study of molecular structures such as polymeric glasses, insect cuticle and bacterial cell walls.

Howard A. Schneiderman, Ph.D., senior vice president and chief scientist at Monsanto, said, “We are pleased to support the work of Jake Schaefer, who has our highest respect as a scientist and whose appointment to an already strong faculty brings together a combination of research and expertise in NMR spectroscopy equal to any in the world.”

The equipment provided by Monsanto includes three spectrometers, “which are unique machines for studying solids and represent several years of development and construction,” said Edward Macias, Ph.D., chairman of the Washington chemistry department.

One spectrometer is capable of making sequential intranuclear cross-polarization transfers; the second employs dipolar echo; and the third, dynamic nuclear polarization, the latter combines radio-frequency and microwave pulses in the same experiment. All three spectrometers have high-speed mechanical sample spinning at the magic angle.

Much to do

Twain, Shakespeare works to be enacted on Edison stage

The Acting Company, the touring arm of the nation’s John F. Kennedy Center, will present “The Gilded Age” at 8 p.m. on Friday, April 17, and “Much Ado About Nothing” at 8 p.m. Saturday, April 18, in Edison Theatre.

Adapted from the Mark Twain and Charles Dudley Warner novel of the same name, “The Gilded Age” has taken full advantage of the book’s epic narrative and rich variety of characters by transforming the novel into a tour de force for its 14-member ensemble. The sharply ironic tale about greed in post-Civil War America is as full of visual splendor and wit as it is of social conscience and perception. The play features speeches, songs, personalities and the more sensational headlines of the post-Civil War era.

“The Gilded Age” is a compilation of the life experiences of Twain and Warner woven together in Dickensian fashion. This distinctly American saga is a must for those with an interest in fine ensemble acting, impassioned drama and imaginative direction.

William Shakespeare’s wittiest comedy, “Much Ado About Nothing,” has been imaginatively and appropriately reset in the chic and steamy Cuba of the 1930s, complete with tango dances and Latin rhythms. Director Gerald Gutierrez makes the most of the play’s heightened sense of style and comic timing.

The plot is a graceful combination of stories concerning a suppressed rebellion, a conflict between brothers and the complications of both unrequited and proclaimed love.

“The Acting Company is America’s only permanent professional repertory theatre company touring nations-wide. Since its founding by actor John Houseman and producer Margot Frazer in 1959, the company has dedicated itself to a two-fold purpose: to develop young professional actors and actresses through a repertory of classical and contemporary plays and to deliver the highest quality productions to towns and cities throughout the country.”

Generous support for this program is provided by the Regional Arts Commission. Financial assistance for this project has been provided by the Missouri Arts Council, a state agency.

Tickets for each production are $15 to the general public; $10 for senior citizens and Washington University faculty and staff; and $7 for students. For more information, call the Edison Theatre box office at 889-6543.
Post-Dispatch book reviewers examine profession's impact

Chinese art exhibit preview

Arts, education fund drive underway

Honor societies' lecture

‘Like real world of art’

Gallery provides student exhibit space, improves study lounge

It was a fortunate coincidence. Residential Life needed art students to help develop a new gallery in Wohl Center; the Student Fine Arts Council wanted an exhibit space outside of the School of Fine Arts.

Lorraine Warren, coordinator of Residential Life, had approached Kim Strommen, associate dean of the School of Fine Arts, with the idea. Later, members of the Student Fine Arts Council also approached Strommen. The solution was a space in Wohl Center’s Friedman Lounge.

“I’m delighted that we have gotten this project started,” Warren says. “Friedman is perfect for exhibiting the artwork of these very talented young people. The students have the full cooperation and support of the entire Residential Life staff.” As she further explains, Residential Life supplies space and funds; the students take it from there.

Undergraduate members of the Student Fine Arts Council who coordinated the project are juniors Stephanie Sachs (photography/painting), Edy Ferguson (painting), Marla Wallerstein (painting/printmaking) and senior Marc Stoupeck (sculpture).

A new exhibit is set up every Friday and is on display until the following Wednesday evening, through the academic year. Exhibition hours are 9 to 1 a.m. Monday through Sunday. Opening nights are from 6 to 9 p.m.

Each exhibit will include work by undergraduate students in the areas of painting, printmaking, photography and sculpture.

‘Fine Art students now have the opportunity to move outside of the art school and show their work in a different, more professional setting,’ Ferguson says. ‘We hope to use the new gallery to communicate some ideas through artwork. In Bixby Hall (one of the School of Fine Arts’ buildings), only the art students tend to see your work. But when your work is shown in Friedman Lounge, a broader range of people can see it.’

“It’s not in a scholastic setting; it’s a more professional setting — more like what the real world of art will be like when we graduate.”

The new gallery also seems to benefit non-art students in Wohl Center. ‘I’ve received many favorable compliments about the artwork,’ says Warren. ‘Students who use Friedman to study say it improves the atmosphere.’

The Washington University Bookmark Society is sponsoring a panel discussion, titled ‘Book Reviewing at the Daily Paper: Its Impact, Its Audience,’ at 2 p.m. Sunday, April 12, in the Simon Hall Auditorium.

Participants on the panel will include Louis Post-Dispatch book editor Clarence Olson, and Post-Di - patch book reviewers Nancy Shanbo and Bob Boyd. Paul Schooneer, owner of Paul’s Books in University City, also will be a featured panelist. The forum will be moderated by Shannon Ravenel, senior editor, Algonquin Books of Chicago, Ill., N.Y.

The panel discussion will focus on various aspects of the book reviewing profession at the local newspaper, inquiring how books are selected to be reviewed, how the reviews are chosen, what impact reviews have on books, how reviews influence the sale of a book, who reads book reviews, how do book reviews influence the sale of books, and who reads book reviews.

For more information on the program or the society, call 889-4670.
Larry Davis, Ph.D., associate professor of social work and psychology, was elected to participate in the Eminent Scholar Program at Norfolk State University, Norfolk, Va. During the day-long program on March 20, Davis presented a lecture on "Race and Class in the Group Work Setting," which was presented in a public forum, a students' seminar and a consultation with the faculty at Norfolk's School of Social Work.

Felton J. Earls, M.D., Blanche It tleson Professor of Psychiatry (child psychiatry), discussed the myths and psychological transitions of late adolescence in a lecture titled "Let ting Go" for the parents of seniors at Mary Institute.

Paul Jackson, a starting forward on the men's basketball team, has been named an All-American. Named as a starter forward on the team, Jackson is Washington's first basketball All-American, announced by the College Sports Information Directors of America (CoSIDA).

Jane Loevinger, S.J.D., dean of the School of Engineering, Jackson was one of three front-court players named to the American Council on Education, a students' conference was sponsored by the American Council on Education and the Forensic Science Society, a public lecture on his work in preclinical medicine, anthropology and contemporary developments in the nation. The career of each is a noteworthy honor.

M. Fredric Volkman, associate vice chancellor and director of public relations, has been named winner of the 1987 Ashmore Service Award sponsored by the College of Education and Care (CASE). The award honors the individual who has given distinguished service to the advancement of the College and to CASE. The award is named for the late Frank L. Ashmore, former executive director of the American College Public Relations Association, a CASE predecessor organization.

Richard E. Wolff, adjunct faculty member for the School of Technology and Information Management, recently participated as a speaker and panel member for the St. Louis Area Business Educators Association. A certified records manager, Wolff will be presenting an all-day seminar April 29, titled "Information and Records Management," for AAIM Management Association.

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Frances L. Schmidt, D.M.D., associate professor, Dental Diagnostic Services/Pathology, gave a presentation, titled "Clinical Comparison of the Effects of Two Commerically Available Anticalcific Dentifrices" during the Symposium on Calculus Formation and Prevention at The University of Pennsylvania School of Dental Medicine.

Heikki Seppa, professor of art and head of the studio arts division, presented a public lecture on his work in precious metals and three days of workshops on silversmithing techniques and contemporary developments in the field at the University of Michigan School of Art in Ann Arbor.

Kevin Suiter, a three-year starter for the men's basketball team, has been named a third-team All-American by the National Association of Basketball Coaches (NABC). The junior is Washington's first basketball All-American since Wayne Williams was named a third-team All-America in 1984. Suiter has two double figures in all 28 games played this year, Suiter averaged 19.4 points, 5.0 assists and 2.9 rebounds per game. In the Bears' top 3-point field goal shooter. With one season remaining, Suiter is expected to be a senior scoring with 1,273 points. He has started all 78 games played at Washington.

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Robert J. Rothbaum, M.D., assistant professor of pediatrics, and Harold S. Zarkowsky, M.D., associate professor of pediatrics, have been appointed by Gov. John Ashcroft to the Missouri Genetic Disease Advisory Commission.

Robert L. Virgil, dean of the School of Business, said, "The committee's first four recipients comprise a stellar group. Each has had a truly distinguished career in business. Each has fulfilled his or her responsibility to the successful business leaders in our private enterprise economy; to serve the community, the state and the nation. The career of each is a model for what we in the school today would have our students become."

Have you done something noteworthy?

Have you: Presented a paper? Won an award? Been elected to a committee or officer of a professional organization?

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Donald O. Schnuck
Elliot Stein
H. Frederick Hagemann
Robert E. Schipke

Business alumni honored

Washington University faculty and staff make news around the globe. Following is a digest of media coverage for faculty, staff, students and alumni.

An anthropologist and a radiol ogist have teamed up to apply S-D. Schipke in the area of early human fossils, according to the Mayo Clinic. Schipke in "Diag nostic Imaging: Magnetic Resonance Imaging" and Glenn C. Conroy, Ph.D., professor of anatomy, began their study with 30 million-year-old mam malian skulls. When the method proved successful, they traveled to Kenya and South Africa to examine several rare human fossils. Previously, there has been no satisfactory tool for paleoanthropologists to nonde structively visualize intracranial morphology in fossil skulls with more than two dimensions. They both agree that CT scanners are going to be around for a long time and that "the real frontiers come in quantita tive CT, non-destructive testing, and other interesting applications like these fossils."

Stress is a powerful form of ener gy that, properly channeled, can im prove our efficiency, motivation, at tention span and overall job perform ance, according to the March issue of Harper's Bazaar. Most successful exec utives welcome stressful situations. For those who have difficulty han dling stress, Robert M. Wade, Ph.D., and assistant professor of medical psychology, offers suggestions. He believes it is a mistake to think that things upset you. You upset you. The solution lies not in dodging stress, but rather in changing the way you respond to certain situations.
Thursday, April 9

Friday, April 10

Sunday, April 12
2 p.m. WU Bookboard Seminar Discussion, "Reading at the Daily Piper: Its Impact, Its Audience," Clarence Olson, editor and publisher, the Daily Piper. Also sponsored by Thurtenc, the junior men's honorary. MLSC Library. Hurst Lounge, Duncker Hall.

Monday, April 13

Tuesday, April 14
4 p.m. Dept. of Chemistry Seminar, "Speciation Detection and Inferences in Unstable Intermediates," Brian Capon, dept. of chemistry. 311 McMillen.

Wednesday, April 15
11 a.m. Phi Beta Kappa Sigma XI Lecture, "In Search of Culture," Eric Wolf, prof. of anthropology. City University of New York.

April 9-18
Usine, 206 Mallinckrodt Dance Studio. (Also April 17, 18, April 19, same time, Mallinckrodt.) Admission is $8 for general public and $2 for WU community.

April 17
4 p.m. Edison Theater Presents the Acting Company in "The Guided Age," by Mark Twain and Charles Dudley Warner. General admission is $10. WU faculty and staff and senior citizens, $10, students, $7. For more info., call the Edison Theater box office at 889-6543.

Saturday, April 18
9:30 a.m.-5 p.m. Student Dance Concert, sponsored by Thsyus, Performing Arts and Student Affairs.