Maki named VADC design architect

May 15, 1998

WASHINGTON UNIVERSITY IN ST. LOUIS

Lee establishes chair for arts collaboration

A $1.5 million gift to Washington University from philanthropist E. Desmond Lee will establish an endowed professorship to foster collaboration among arts institutions in St. Louis, Chancellor Mark S. Wrighton has announced.

"I continue to be inspired by the deep commitment of Des Lee to the improvement of the St. Louis region and to the institutions that guide it," Wrighton said. "Strengthening the arts in the community is a noble goal, and we will do our utmost to make the most of this cooperative venture. We are delighted that he has chosen Washington University as a place where this collaboration and enhancement can take place." The E. Desmond Lee Endowed Professorship for Collaboration of the Arts is designed to foster a stronger relationship among Washington University and arts institutions in St. Louis, most notably The Saint Louis Art Museum. Other possible partners in the alliance will include the Missouri Historical Society, the University of Missouri-St. Louis and the Mercantile Library.

The museum has outstanding collections, and it is my hope that collaboration will strengthen our community as an arts center and Washington University as a visionary leader in this field," Lee explained.

William H. Danforth, chairman of the Board of Trustees said: "Des Lee's extraordinary generosity is matched only by his dedication to his community. He combines imagination and generosity to make wonderful things happen in St. Louis."

Joe Deal, dean of the School of Art, and Joseph D. Ketner II, director of the Gallery of Art, both expressed enthusiasm for the goals of the new professorship. "There are many ways in which the Gallery of Art can work together with other St. Louis arts organizations, and we look forward to implementing new initiatives," Ketner said.

Deal said he hopes the participating institutions will create more interactive learning opportunities for students. "It is our goal, through this professorship, to increase opportunities for our students and faculty and to foster greater collaboration between these institutions that will generate new programs, lectures and exhibitions for the public," Deal explained.

Lee received an honorary degree from the University May 15 for his leadership and advocacy of higher education.

Mudd, Shepley halls coming down, but revered names live on in other buildings

The University's Board of Trustees last week approved the demolition of two buildings on campus. Preparations to take down Seeley G. Mudd Hall and Shepley Residence Hall began Thursday, June 11, and Shepley began to come down Friday, June 12. Bunch Wrecking and Salvage Co. of St. Louis will take down Mudd Hall; Alco Wrecking Co. Inc. of St. Louis will dismantle Shepley Residence Hall. Both buildings will be razed by wrecking ball. The demolitions are expected to be completed by Aug. 1.

The decision was made following a careful and lengthy analysis by the University that buildings to accommodate modern technology and to comply with the Americans With Disabilities Act. In both cases, it was determined that demolition would be more cost effective than renovation.

The genesis of the Seeley G. Mudd Fund and the dedication of Ethan A.J. Shepley, for whom the buildings were named, will live on in the names of two different buildings on campus.

Effective June 10, the existing Wydown House on the South 40 was renamed the Seeley G. Mudd House, honoring the medical research of the fiel's first student, Dr. William A. Stock, who died in 1968 at age 72.

A new student residence currently under construction on the South 40 will be named the Ethan A.J. Shepley House, named for the tenth chancellor of the University, who served from 1954-1961 and who was chairman of the Board of Trustees from 1961-63. That building is one of three expected to be completed this fall in Phase 1 of a long-range housing plan for the South 40.

The existing Mudd Hall is a 90,000-square-foot building completed in 1974. Mudd, named for the noted anatomist and the father of the medical profession, was constructed in 1904.

Lee's gift will play a significant role in the new residence hall's ability to accommodate the needs of Washington University's expanding residential population.

Mudd Hall, one of the University's most historic buildings, was opened in 1904 and is named for the noted anatomist and the father of the medical profession, Charles H. Mudd, St. Louis 1871. The building was renamed Wydown House in 1974 with the addition of the graduate housing plan for the South 40.

"We are very pleased to be working with an architect of Maki's caliber," said Joe Deal, dean of the School of Art and director of the VADC executive committee. "His long-standing relationship with the University and international stature make him the ideal candidate."

Cynthia Weese, FAIA, dean of the architecture school, said: "We selected Maki because, in addition to being one of the best architects in the world, he is an architect ideally suited for our students to emulate. Maki is talented, responsible, experienced and knowledgeable. We look forward to these next years as not only a great building experience but a valuable learning experience as well."

Deal noted that Maki's selection means that the architects can begin to move forward on design concepts for the buildings. However, Deal stressed that funds have yet to be raised for the center. It will be several months before design concepts are submitted to the University, Deal said.

The proposed center would link programs in art, architecture, art history, art exhibition and information systems and would involve the schools of Art and Architecture, the art history and archaeology department, the Gallery of Art and the Art and Architecture Library.

Continued on page 6
Mr. Ples throws scientists into a tizzy, as new findings challenge theories

M r. Ples, a relative of early humans, didn't live to see his peers get such a big brain after all, a new study reveals. The results, which made the cover of the June 15 issue of Nature, throw a wrench into ideas about brain evolution among our distant ancestors.

"This paper implies that some- thing very wrong with interpreting early human brain capacity," said lead author Glenn C. Conroy, Ph.D., professor of anatomy and of anthropology. "Hopefully, it will launch more exact studies of other specimens."

The skull of Mr. Ples, found in South Africa in 1899, is 2.6 million to 2.8 million years old and is thought to have belonged to a Australopithecus. These human-like creatures walked on two legs, ate tough vegetation, made primitive chopping tools and lived in a well-seated, wicker Africa from about 3.5 million to 2.5 million years ago, Conroy and colleagues noted.

Mr. Ples' skull was well-preserved on one side but partly open on the other. It was easier thought to have a brain capacity of more than 600 cc — about two and a half cups of water. "Such a large brain would have been grafted onto a creature who spent much of its time climbing trees," Conroy said. "While there was nothing very unusual about it, it was a very unusual animal."

In 1984, Conroy and radiologist Michael W. Vannier, M.D., developed a way of analyzing fossilized skulls that now is used to image them with a computed tomography (CT) scanner. This allows researchers to see inside skulls that are filled with stone and to reconstruct the inner skull bones that have pieces missing.

Moonlighting on a CT scanner in a Johannesburg hospital, Conroy made a virtual cast of Mr. Ples' skull. Analyzing every slice of the 3-D image, he calculated a brain size in the low—500s. "While that is still the largest brain known for A. africanaus, it is nowhere near what has been handled around by paleoanthropologists," Conroy said, who was too cautious to publish his surprising results right away. In 1997, Conroy heard from Horst Seidler, Ph.D., a professor of computer graphics at the University of Vienna, Austria, Seidler received similar conclusions from the techniques on the famous Tyrannosaurus Rex, and he asked Conroy for the complete data set from the 2.6 million-year-old skull.

Several weeks later, Conroy and his colleagues arrived with Philip Tobias, V.O.B., Ph.D., visited Seidler and Gerhard Weber, Ph.D., in Vienna. The Austrian scientists had made a real 3-D model as well as a virtual model from Conroy's data. Their calculations suggested the simple act of measuring how much water the plasticine model could displace — matched Conroy's. Mr. Ples' skull had a capacity of about 515 cc, the collaborators concluded. To confirm the findings, they imaged the skull bones in the computer image to create a virtual brain. "You can see the brain inside the skull," Conroy said.

Back in St. Louis, Conroy analyzed an early hominid skull that sits on his desk. This A. africanaus, also from Sterkfontein, turned out to have a capacity of 730 cc and 460 cc as previously thought. "I was shocked," Conroy said, "because there was supposed to be a quanti- tative leap in brain size that distinguished early hominids from apes, yet 370 cc is the size of dogs, and very few apes."

"It is a study of Mr. Ples clearly shows that somebody had a brain size of more than 500 cc 2.6 million years ago, however. So did brain size increase sharply in some of these australopithecine and gradually in others."

The new study provides more questions than answers, it points to important contributions for future research, Conroy said. "First of all, there is no evidence that any australopithecine had a brain capacity anywhere near 600 cc," Conroy said. "Second, there are some potential brain size in early hominids may be too low, and future research and models provide a very accurate way of determining how much brain size was involved in an earlier skull."

-- Linda Sage

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Glaser receives Eliot Society's prized 'Search' Award June 2

Robert J. Glaser, M.D., a national leader in medical education, has received the 1998 William Greenleaf Eliot Society Award, the University's most prestigious honor. The award, presented annually to an outstanding citizen of the Washington University community, was announced at the society's annual dinner June 2 at the Ritz-Carlton in Clayton.

Robert J. Glaser

Glaser has had a profound impact on Washington University as a practicing physician, teacher, truste, wise counselor and benefactor," said Sam Fox, Eliot Society president and University trustee. Glaser received a silver replica of Hepiski Seketi's sculp- ture "The Search," symbolizing the university's medius quest for truth and knowledge.

The Eliot Society was founded in 1959 in tribute to the University's founder. Glaser and his wife, Helen Hofmanner Glaser, M.D., are life members. Glaser, a biomedical consulti- s, serves as chair of the School of Medicine's National Council, which helps chart the medical school's direction. Helen Glaser is also a member of the council.

From 1984 to 1997, Glaser served as director of medical education and as a member of the board of trustees of the Lucille P. Markay Charitable Trust. Before that, he was the first full-time president and chief executive officer of the Henry J. Kaiser Family Foundation.

His work as a policy setter at the Kaiser-Mytrip and the Kaiser Family Foundation and as a director of other organizations had a profound effect on the University and helped transform medical education and biomedical research. Some of the pro- grams he championed at the University, such as the Merkay Scholars program, have helped speed the development of some of the finest young biomedical investigators in the nation.

The Glasers also underwrote the gallery at the entrance of the History of Medicine Library in the School of Medicine Library and Biomedical Communications Center and endowed a visiting professorship in the Department of Medicine. In addition, they established a book fund in honor of Helen Glaser's mother, Agnew Iceemund Hofmanner, one of the first women admitted to the medical school.

Glaser was elected to the University's Board of Truste in 1979, and he continues to serve on the Board's Educational Policy Committee, which he chaired for more than a decade. He joined the medical school faculty in 1949 as an instructor of medicine, eventually becoming chief of the Division of Nephrology at Barnes-Jewish Hospital and Biomedical Communications Center and associate dean and chair of the Committee on Admissions.

He holds eight honorary degrees, including one from Washington University; the Abraham Flexner Award for Distinguished Service to Medical Education from the Association of American Medical Colleges; and the Hubert H. Humphrey Cancer Research Center Award.

Glaser is a member of the American Academy of Arts and Sciences, a fellow of the Ameri- can Association for the Advance- ment of Science, a master of the American College of Physicians and a member of the Royal College of Physicians of London.

He has published more than 125 articles on medical educa- tion, health care, rheumatic fever and streptococcal infections.

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-- Linda Sage

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Fran L. Porter, Ph.D., begins a bedside study on an infant in the Neonatal Intensive Care Unit at Children's Hospital.

"My greatest hope is that infants will be seen as deserving the same pain management that any of us would like."

She decided to get married and make St. Louis her home while continuing her graduate studies as a doctoral candidate in experimental psychology at Washington University. After a year in the program, she began exploring research opportunities with faculty. Over coffee with one of those psychologists, she recognized infant pain researcher. "Her theme-oriented, hypothesis-driven research program has made a major impact on the assessment and management of pain," said Richard Marshall, M.D., head of the Department of Medicine at Saint Louis University. One of her responsibilities was to submit a grand rounds presentation for the cardiology section of the American Medical Association each month. Cardiologist Jerry Cohen, M.D., one of the physicians Porter worked with, told her that she was too bright to be writing other people's papers. He thought she could write her own. Cohen's comment was just one reason Porter started considering science. More importantly, she had an unequalled curiosity for understanding the intricacies of communication.

She applied and was accepted into a doctoral program in human development at the University of Chicago, where she took courses in neuroanatomy and neurophysiology. She spent her year looking at cells through a microscope and studying how nerves reconnect after damage. She said, "I wanted to start at the most basic level to understand the neural basis of communication." She said, "It was like a duck having found its very first pond." After she completed a master's degree, Porter had to decide whether to stay at the University of Chicago or move back to St. Louis, where her fiancé was working.

"The worst part of my job is seeing the lack of what we call pain relief because people use to describe Porter. Li Ern Chen, a junior majoring in neurobiology and pre-med studies in Porter's psychology department, was so intrigued by the idea of his bats from Panama and Costa Rica that now reside in the Intensive Care Unit at Children's Hospital. Fran L. Porter, Ph.D., begins a bedside study on an infant in the Neonatal Intensive Care Unit at Children's Hospital.

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Exhibitions

Lectures
Friday, June 19
8 a.m.-5 p.m. Continuing Medical Education seminar. "Cancer Management for Practitioners." Cost: $20. The Ritz-Carlton Hotel, 100 Carondelet Plaza. To register, call 362-6891.


Wednesday, June 24
6:30 a.m. Anesthesiology Grand Rounds. "Evaluation and Perioperative Management of a Patient With Respiratory Disease." Peter Rock, prof. of anesthesiology and of medical diet, Barnes-Jewish Hospital South Campus Operating Rooms; and chief, Barnes-Jewish Hospital South Campus Div. of Anesthesiology, Wohl Hospital Blvd. Aud. 362-6978.

Thursday, June 25
4 p.m. The Cancer Center Semini-

tion. "New Insights into the Biology and Treatment of B Cell Leukemia." Thomas Smith, research pro-

cert and head of hematology and oncology, U. of Miami. Steinberg Aud. 747-6539.

Friday, June 26

Wednesday, July 8

Apartments help make room! — from page 1

— Residential Life staff and special programming.
— And the quarter will cost considerably less than housing on the South 40 or in Millbrook Apartments.

Owned by the University, these one-, two- and three-bedroom apartments within four blocks north and northwest of the Hilltop area, which house a host of inducements, including:
— single units;
— all new furniture;
— living rooms and/or dining rooms;
— kitchen facilities, including refrigerators and stoves;
— paid utilities;
— central air conditioning or window units;
— cable television availability; and
— WU evening and nighttime security, seven days a week;
— nearby coin-operated laundry facilities;
— blue light phones;
— frequent WU shuttle service to and from the Hilltop and Medical campuses; and

— Life establishes chair — from page 1

April, 1967, Lee gave two major gifts to the University to support the E. Desmond Lee Professorship for Community Collaboration and an endowed scholarship fund to support students as part of the work of the professorship. Lee received the 1996 Man of the Year award as recognition for his civic leadership.

Lee graduated from the University with a degree in business in 1940. He is the former presi-
dent of Lee/Rowan Manufacturing Co., a leading manufacturer of closet accessories, plastic coated shelves, hangers and other products for consumers and retailers.
Lee began the company in 1939 with another Washington University alumnus, James P. Rowan, a 1938 graduate of Arts and Sciences.

Miscellaneous
Thursday, June 18
1:30 p.m. Summer Writers Institute reading. Poetry reading by former poet in residence Donald Finchel. First Lounge, Danziger Hall. 933-6759.

Friday, July 17
7:30 a.m.-6:45 p.m. Continuing Medical Education seminar. "Clinical Update for the Practicing Primary Care Physician." Wohl Hospital Blvd. Aud. 362-6978.

Tuesday, July 14
8:30 a.m. Summer coffee house. Members and guests of the St. Louis Writers Club meet in the Newman Education Center. For schedule of workshops, costs and to register, call 362-6891.

Tuesday, June 23
1:30 p.m. Summer Writers Institute reading. Fiction reading by author T.M. McNally. First Lounge, Danziger Hall. 933-6759.

Wednesday, July 8
9 a.m. Anesthesiology Grand Rounds. "Demonstration. "ILLIAD: The Paperless Odyssey." Library staff will demonstrate ILLIAD (Interlibrary Loan Information and Delivery) electronic document request form. Artrum, Bernard Becker Medical Lib-

ary. 362-4736.

Music
Saturday, June 20
8 p.m. Summer coffee house. Angelica Waller and members of the St. Louis Writers Club meet in the Newman Education Center. For schedule of events, costs and to register, call 362-6891.

Sunday, July 5
7:30 p.m. Outdoor concert. The Gateway Festival Orchestra, in Brooklyn Quad. 309-0371. See story on this page.

Sunday, July 12
7:30 p.m. Outdoor concert. The Gateway Festival Orchestra, in Brooklyn Quad. 309-0371. See story on this page.

Walk of Fame
On May 17, William H. Gass, Ph.D., the David May Distinguished Professor in the Humanities and of the Interna-
tional Writers Center in Arts and Sciences, was inducted into the St. Louis Walk of Fame, which commemorates renowned St. Louisans with large brass stars and bronze plaques in the sidewalk of University City's Delmar Loop. At right, pianist Johnnie Johnson, who also received a star, listens as Gass accepts the honor.

Summer concerts — great music, great price
looking for a pleasant way to pass lazy summer evenings before the onslaught of the next academic year? Then bring a blanket or a lawn chair to the Gateway Festival Concert this Sunday's annual season of free concerts in Brooklyn Quad.
The orchestra, under the direction of conductor William Schaeffter, performed "The Fledermaus" and other pieces.
In subsequent performances, the orchestra will feature works by Beethoven, Brahms, Vivaldi and others. The concerts also will feature a number of guest artists, including violinist Silvan Ilicovici and The Chinese Peace Chorus of St. Louis.

The Gateway Festival Orchestra was founded in 1964. The concerts are sponsored by Washington University, the American Federation of Musi-
cians, the Recording Industry Trad Fund, the Arts & Education Council of St. Louis, the Regional Arts Council, the Mis-
souri Arts Council and Emerson Electric.
In the event of rain, the concert will be held at the same time on another day. For further information, call 369-0371.

Calendar guidelines
Events sponsored by the Univer-
sity — its departments, schools, centers, the recognized student organizations — are published in the Calendar. All events are free and open to the public, unless otherwise noted.
Calendar submissions should state date, time, place, sponsor(s), title of event or feature, nature of speaker(s) affiliation(s) and admission cost. Mail the form to Record_Calendar@wustl.edu. Submission forms are available by calling 369-4320 and can be downloaded from the Record Web site at http://wupa.wustl.edu/record/index.html.

The deadline for all entries is noon Tuesday one week prior to publication. Late or incomplete submissions will not be printed. The Record is printed every Thurs-
day during the school year, except holidays; and monthly during the summer. If you are uncertain about a deadline or holiday schedule or need more information, call 369-4926.

The best Record was published 17 June. Deadline for Calendar items for the July issue is June 30.
T he weather was a perfect $58 ¼ past due by 11 a.m. with the Staff Service Award and Recognition Ceremony in Edison Theatre. Chair of the Committee was Mark S. Wrighton and John L. Rensmeyer, director of human resources. Some 125 staff members were recognized by their department heads for reaching important milestones in years of service to the University, to the enthusiastic response of the audience. Scents, shouts, and even a few banners greeted the honorees as they accepted their awards. (For a complete list of honorees, see story on this page.)

“Day like today is a re- minder of what it means to be a great university,” Wrighton told the assembled audience. “It is the work that you do every day that makes the difference. The Board of Directors give us all the charge of making Washington University one of the world’s premiere universities, and work- ing together we’ll do just that.”

After the ceremony, honoring Staff members between places and 23rd annual Staff Day, which Funk with the first annual Gloria White Award, a $1,000 award makes the difference. The Board of Directors of the Transit Fair, a new addition to food, those interested — hints at the Transi... — Liam Oaten
Professor's fracture mechanics law a topic at national symposium here June 22-25

"Without your name is Murphy, you probably have no name after you. But Paul Paris, Ph.D., professor of mechanics, is one of those rare individuals whose name is made famous by a law. And on June 22, some 200 engineers from around the world will gather at Washington University's Anheuser-Busch Hall for the 30th National Symposium on Fatigue and Fracture Mechanics to weave the Paris Law of Crack Growth into the latest findings on fracture mechanics.

Fracture mechanics is the science and art of analyzing how structures and components fail from fatigue and of preventing them from doing so.

Paris, a University faculty member for 22 years, first described the essence of his law in a paper published in 1961 in an obscure University of Washi

The Stress Analysis of Cracks...
Fourteen students have been appointed as directors of the School of Medicine and the University of Washington. The honorees included both faculty and students. The honorees are: Peter B. Brown, executive vice dean; Virginia Weldon, executive vice president; Michael A. Roloff, executive vice chancellor; and Trudy Wright, Renal. Those honored were:

- Pamela Barr, Hematology; Paul Hunsberger, Pediatrics; Jane Nothaker, Administration.
- Lonnie Haefner, Civil Engineering; Madelon Price, Psychology; Kenneth Sussman, Anthropology; Curt Podosek, Earth Sciences; Kenneth Ludmerer, Internal Medicine; Paul Lipschutz, Geriatric Medicine and Languages; Lillian M. Leibowitz, Dentistry; Paul Lewis, Pediatrics; Philip Ludbrook, Internal Medicine; Kenneth Ludmore, Internal Medicine; Paul Lipschutz, Geriatric Medicine, and Languages; Lillian M. Leibowitz.
- Linda S. Lott, Obstetrics and Gynecology; Janice Washington, Obstetrics and Gynecology; Madelon Price, Psychology; Kenneth Sussman, Anthropology; Curt Podosek, Earth Sciences; Kenneth Ludmerer, Internal Medicine; Paul Lipschutz, Geriatric Medicine; Lillian M. Leibowitz, Dentistry; Paul Lewis, Pediatrics; Philip Ludbrook, Internal Medicine; Kenneth Ludmore, Internal Medicine; Paul Lipschutz, Geriatric Medicine.
- Laurie Weldon, Virginia Tech.

The honorees were selected from a list of outstanding public policy professionals who were central to the development of the School of Medicine and the University of Washington. The honorees included:

- Paul Hunsberger, Pediatrics; Jane Nothaker, Administration.
- Lonnie Haefner, Civil Engineering; Madelon Price, Psychology; Kenneth Sussman, Anthropology; Curt Podosek, Earth Sciences; Kenneth Ludmerer, Internal Medicine; Paul Lipschutz, Geriatric Medicine; Lillian M. Leibowitz, Dentistry; Paul Lewis, Pediatrics; Philip Ludbrook, Internal Medicine; Kenneth Ludmore, Internal Medicine; Paul Lipschutz, Geriatric Medicine.

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Hilltop campus

The following is a partial list of job opportunities currently available. Please review this list and contact the Office of Human Resources for more information regarding these and other positions currently available. This list is updated as information becomes available and is accessible online via the University's Work Web site at http://www.wustl.edu/work.

Campus Watch is abbreviated C.W.

A Jeep Grand Cherokee was stolen from the Brookings parking lot on Sunday, Dec. 15, with only minor damage. The theft was reported at 6:20 p.m. and a $2,000 loss was incurred.

A large wooden bench was reported missing from the Mallinckrodt Center. An investiga-

Pre-tax parking deduction plan means savings for University employees

A new pre-tax parking plan means saving— an average of $100 a year— for University employees on the Hilltop, Engineering and Hazlett campuses. Under the plan, which took effect June 1, employees can enter into a payroll deduction plan to pay for parking through payroll deduction come out of faculty and staff salaries before taxes are computed, thus saving the taxes on the fee amount.

The pre-tax benefit is available through a recent amendment to Internal Revenue Code Section 125. The new plan was announced in a May 28 letter to all employees.

Faculty and staff who currently pay parking fees through payroll deduction will be automatically entered into the pre-tax plan as of June 1. Employees who have not previously participated in the pre-tax plan and wish to receive pay for parking other than through payroll deduction will also benefit from the tax savings for University employees.

Because a large percentage of University employees are married or will be married by July 1, many employees using the new pre-tax plan will be paying less for parking than they pay for insurance or a telephone service.

The fiscal 1999 parking fees are as follows:

<table>
<thead>
<tr>
<th>Parking</th>
<th>Current</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>$484</td>
<td>$1,039.32</td>
</tr>
<tr>
<td>Blue</td>
<td>$424</td>
<td>$912</td>
</tr>
<tr>
<td>Green</td>
<td>$286</td>
<td>$580</td>
</tr>
<tr>
<td>Yellow</td>
<td>$150</td>
<td>$330</td>
</tr>
<tr>
<td>Purple</td>
<td>$58</td>
<td>$128</td>
</tr>
<tr>
<td>White</td>
<td>$25</td>
<td>$58</td>
</tr>
</tbody>
</table>

The pre-tax benefit means that employees using the new pre-tax plan will save $1,039.32 over buying 10 copies of the full product. Users also can purchase additional Office Pro 97 CDs— up to the number of licenses owned— for $13 each. Because prices are subject to adjustment, exact pricing must be verified with SYSTRA authorities.

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Maki named VADC design architect — from page 1

Deal said, "We also feel it is important to give students from other disciplines instruction and understanding of their increasing interac-

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Deals deal included the VADC will generate new opportunities for students to engage in cutting-edge research; and a joint together cutting-edge visual, multimedia, and engineering; and became a resource for the entire Washington University campus and the region.

Maki is a key player in the formation of the new department in the five programs:

- enhanced opportunities for interdisciplinary research
- application of emerging information technology to scholarly and creative work
- integration of visual literacy as a component in today's liberal arts education for all students.

As we work through ways to link these programs effectively,

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