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Van Cleves endow new Arts and Sciences chair

BY BARBARA REA

A $1.5 million pledge from Georgia Dunbar Van Cleve and her husband, Michael E. Wysession, Ph.D., will establish an endowed chair in the arts and sciences at Washington University. The couple, both graduates of Washington University, is providing this endowed chair to honor their alma mater.

About the Pledge

The Van Cleves are long-time supporters of Washington University, passionate about the arts, sciences, and their alma mater. Their $1.5 million donation is the largest gift ever made to the arts and sciences department at Washington University.

About the Endowed Chair

The endowed chair will be dedicated to an area of arts and sciences that holds particular significance for the Van Cleves. The University will work with the couple to select the appropriate field for the chair. The endowed chair will be a testament to the couple's commitment to the institution and their belief in the importance of arts and sciences education.

Conclusion

The Van Cleves' gift is a significant milestone for Washington University, demonstrating the continued support and dedication of its alumni. The endowed chair will have a lasting impact on the arts and sciences department, providing opportunities for students and faculty alike.

Joe Deal accepts RISD post

BY BRIAN HERNICH

Joe Deal, dean of Washington University's School of Art, has accepted a position as provost of the Rhode Island School of Design (RISD), where he will also serve as head of the new Visual Arts and Design Center (VADC). The announcement follows the previous decision to retire as RISD's senior vice president for academic affairs and the arts. Deal's appointment is effective immediately.

About the University

Washington University in St. Louis is a private, coeducational university located in St. Louis, Missouri. It was founded in 1853 and is home to over 11,000 students and 3,500 faculty members.

About the Dean

Joe Deal has served as dean of the School of Art since 2016, leading the department through significant growth and development. His tenure has been marked by efforts to enhance the academic programs, increase diversity and inclusion, and strengthen partnerships with the local community.

About the New Position

As provost at RISD, Deal will be responsible for overseeing all aspects of the university's academic and student affairs. He will work closely with the university's senior leadership to set strategic direction and ensure the university's mission and values are upheld.

Conclusion

Joe Deal's appointment as provost at RISD is a significant milestone for both the university and the arts field. His leadership and experience will undoubtedly bring new perspectives and opportunities to the university's academic programs and community engagement initiatives.
Taking technology to market: Computer scientists form Growth Networks Inc.

BY TONY FIZECKEP

A new company formed by three Washington University professors has received initial funding of $6 million from two Silicon Valley venture firms to develop next-generation Internet technology.

Growth Networks Inc., with an office in suburban Brentwood, Mo., and headquarters in Palo Alto, Calif., is being financed by New Enterprise Associates (NEA) and Institutional Venture Partners (IVP) of Menlo Park, Calif.

The company is the brainchild of Jonathan S. Turner, Ph.D., the Henry Edwin Sever Professor of Engineering; Jerome R. Cox, Jr., Sc.D., senior professor of computer science; and Guru Parulkar, Ph.D., associate professor of computer science. Growth Networks Inc. last month recently signed a licensing agreement with the university and this spring paid the first installment on the licensing fee under that agreement.

Andrew Neighbour, associate vice chancellor of technology management and director of the Center of Technology Management, considers the arrangement a model for technology transfer.

"The Growth Networks venture harnesses how universities and the private sector can work effectively together to create new businesses without compromising the interests of the University and the inventors," Neighbour said.

"Throughout the negotiation process, both parties have worked hard to minimize potential conflicts and to ensure that all will share appropriately in the benefits of this new relationship."

The three professors incorpo-
rate Growth Networks in Menlo Park in December 1997 and sought funding for their ideas both locally and in the San Francisco Bay and Boston areas. Less than a year ago, interest from Menlo Park venture capitalists grew culminating in the funding of Growth Networks Inc. by NEA and IVP for $6 million. In 1998, John McCarthy, a partner in a local venture firm, coaxed the three professors into the intricacies of starting a company.

"Work that the three computer scientists performed over the past decade at the School of Engineering and Applied Science's Applied Research Laboratory (ARL) serves as the foundation of the new company," Parulkar said.

The company is focused on designing, developing and manufacturing high-speed network communication products for the rapidly growing telecommunications market. Because the Internet and corporations are experiencing exponential growth, there are many challenges facing service providers. But there are predictions that Internet traffic will increase 8,000-fold over the next decade.

This scenario drives the demand for network scalability and growth along with the need for reliable, high-speed networks.

These problems are heating up a market ready to find out what the kinds of networking that the volunteers have learned to tailor to the needs of their community; others simply want to add some volunteer experience.

Molly Peck, a senior this fall in Arts and Sciences, shows Cornell Reed the fine points of dissection during a Science Education Outreach Program and biology lesson at Danforth Elementary School in the Riverview Garden School District.

"I hope to show that science is not exclusive," said senior Doug Ramsey. "I think kids should understand that science is something that they can grasp and I hope to spark their interest." Wherever they go, the hands-on aspect seems to be important, program planners agree: interest invariably perks up when the children can literally "get a grasp" on science.

"It is so fun to see students who expect dissection to be 'gory' or 'boring' begin to ask surprising questions," said Cornell Reed, a volunteer with the Teaching Teams program, who expects dissection to be "gory" or "boring" and sees the addition of the teaching teams as the best solution to make dissection less "gory" or "boring."
Genetic testing advised for liver illness during pregnancy

BY DIANE DUKE WILLIAMS

In the third trimester of pregnancy, some women are struck suddenly by swelling, severe nausea, vomiting or jaundice — symptoms of a liver disorder that can cause serious complications for both mother and baby. And in the next 15 years, the odds are one in 50 that a pregnant woman will develop this illness, known as liver failure during pregnancy (LHFDP).

The leading medical school in the Midwest has published a clearinghouse to monitor and provide resources for the disease. "I think we can prevent women from dying of this disease," said Jennifer Carroll, a pediatrician at the University of Minnesota Medical School.

The clearinghouse is a central database of technical information for all departments. If the Department of Orthopedic Surgery, for instance, needs to find out whether to test a certain piece of equipment for LHFDP, the clearinghouse can tell the department which group already addressed the issue.

Another purpose of the clearinghouse is to monitor and report to the executive faculty where each department and organization stands," Hinrichs said. "This way, we can assess the risk of the school.

In making sure it's prepared for LHFDP, the medical school has been working very closely with Health System, sharing clinical equipment and information and expertise. "I think we've been an excellent example of our synergy," Hinrichs said. "Each of us is responsible for the other.

In general, if medical school employees have concerns about computers or equipment in their area, they can visit the Y2K web site and find a list of people to talk with their department's business office or the information technology director or Y2K coordinator. They also have a phone number: 612-626-1000.

"The main message here is that families should be tested before the babies are born so the babies can be appropriately treated and death can be prevented," Arnold W. Straus.

"AFLP occurs in approximately one in every 14,000 pregnancies." Strauss and colleagues identified the mutation in 1995. Prior to this discovery, no one knew the cause of liver problems in pregnant women once hepatitis was ruled out.

There were still many unanswered questions about AFLP. However, the researchers who carried the AFLP mutation did not always get sick, and the incidence of this mutation in mothers with AFLP remained unknown. These puzzles spurred Strauss and colleagues to study 24 families whose children would have the same gene on one chromosome, and a different mutation in the same gene on the other chromosome.

"The autosopy showed she had a fatty liver, but the doctors couldn't tell us what she died of," said Jennifer Carroll. When Jennifer was almost seven months pregnant, Sarah, a 19-year-old mother-to-be, who lives in St. Louis, developed AFLP and was transferred to HULP — hemolysis, elevated liver enzymes and low platelets. But five girls didn't have the AFLP mutation, and none of the mothers carried the defective gene from each parent in order to develop the disease. A mother who carries just one defective copy is healthy until she becomes pregnant with a baby who inherited the mutated gene from each parent.

"The idea was, if we develop a working mouse model, we can test drugs to prevent pain. The grant is from the National Institute of Drug Abuse (NIDA)."

"If it's a male lab assistant in running the experiment, it's more likely that the male volunteer will admit that a painful stimulus hurts," Cicero explained.

"Playing it safe" David M. Jaffe, M.D., left, professor of pediatrics, chairmen of the Adult Medicine and School at the University of Minnesota Medical School, and Jaffe is a professor of pediatrics.

A number of School of Medicine students helped build this playground through the St. Louis Children's Hospital Injury Prevention Program, of which Jaffe is co-medical director. The $43,000 playground has rubberized mats and safety surfaces to reduce injuries from falls.

Committee helps medical school prepare for Y2K

The multidisciplinary computer and medical equipment at the School of Medicine makes the challenge even more daunting. But the school has been meeting for almost a year, says the medical school should be ready when the clock ticks 12:01 a.m. on Jan. 1, 2000. "It's a huge project — bigger than anyone thought it would be. But the organizations and departments are taking it very seriously and moving forward.

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Committee helps medical school prepare for Y2K

Sex differences and drug dependence focus of study

School of Medicine investigators want to learn whether sex differences as seen for Y2K research are the same for brains react to drugs. Neuroscien-

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Japanese Textiles • Tourette Syndrome • Hip Replacement • Jazz Series

Exhibitions


Cincinnati Art Museum. 652-2100.

Lectures

Friday, June 11
9:15 a.m. Pediatric Grand Rounds. "Maximizing and Prevents." Lead: L. Schwartz, the Maurice R. Shapiro Professor of Pediatrics and professor of medicine, University of Cincinnati College of Medicine and pharmacology, Clayton. 4953 Children's Place. 454-6006.

Friday, June 14

Friday, June 18

Wednesday, June 23

Wednesday, June 26
3:00 p.m. Gateway Festival Orchestra performance. "1904 World's Fair concert.用户的Education and Health in Soulard." 717-5981.

...And more

Tuesday, June 22
8:00 a.m. "STD/HIV class lecture and practicum. The Youth Education and Health in Soulard (YESH) class will work you through warm-ups and postures that maintain the body, enhance the mind and shape up for the summer? The Campus Y offers Tuesday and Thursday classes, from 6-7:30 p.m., in Lambert Lounge.

Wealth of free music provided throughout summer concert-goers on campus

Looking for a pleasant way to pass rainy evenings before next semester's academic onslaught? This summer, the Holmes Jazz Series and the Gateway Festival Orchestra will continue to help campus concert-goers mark time with a wealth of free music.

Now in its second year, the Holmes Jazz Series presents St. Louis musicians in Holmes Lounge at 8:30 p.m. throughout June and July. The series kicks off June 17 with the Eric Markowitz Trio and continues June 24 with the Paul DeMarinis Trio. Other dates are: July 1 with guitarist Dave Black, July 8 with guitarist Rob Block, July 22 with Hands Down; July 29 with pianist Diane Wasserman; and Aug. 5 with the Ben Looker Quartet. For further information, call 935-4841.

The Gateway Festival Orchestra, now in its 29th season, performs at 7:30 p.m. Sundays in July and August in Brookings Quadrangle. The series—under the direction of conductor William Schatken, professor emeritus in the Department of Music in Arts and Sciences—opens July 11 with a recreation of a 1904 World's Fair concert, featuring the music of Mozart, Mendelssohn and Grieg. Subsequent performances July 19 and 25 and Aug. 1 will feature works by Beethoven, Brahms, Ellington, Tchaikovsky and others.

In the event of rain, the orchestra will perform in Graham Chapel at the same time. For further information, call 569-0371.

The Holmes Jazz Series is sponsored by the College of Arts and Sciences, and the Department of Music, the Office of Student Activities and Campus Life. The Gateway Festival Orchestra is sponsored by Washington University, the American Federation of Musicians, the Recording Industry Trust Fund, the Arts & Education Council of St. Louis, the Regional Arts Council, the Missouri Arts Council and Emerson Electric Co.

Under construction

News Briefs

Support grows

Campus quiz: Appropriate anywhere at the University, this open book grace which Medical Campus building.

Campus quiz: Which building is ideal for community identity. Royse said. "The houses are designed to create a real sense of community identity."

"We wanted to design a unit that is as compact as possible, but still gives all the amenities and offers a quality and grace to the neighborhood," Royse said. "The houses are designed to create a real sense of community identity."

"This is the first time you the young people will be able to help build new housing and use new sustainable building materials and technologies. The contemporary design of the design who will really drive the evolution of the neighborhood."
Computing's Hirschbeck wins White award on Staff Day

Denise Hirschbeck, associate director of computing and communications-information systems, was honored for her exceptional contributions to the University, particularly in the area of human resources. She has been a vital member of the team since 1994, working tirelessly to improve the University's technology infrastructure.

Hirschbeck has demonstrated an unwavering commitment to excellence and excellence in her work. Her leadership and expertise have been instrumental in developing and implementing systems that support the University's mission. Her dedication to the staff and students has been recognized through her receipt of the White Award, which is the highest honor given by the University.

In addition to her professional achievements, Hirschbeck is an active member of the Washington University community. She is a member of the University Employee Union and has served on various committees, including the Faculty Senate and the Staff Committee. Her contributions to the University have been recognized through her receipt of the White Award.

The White Award is given to individuals who have made significant contributions to the University's mission and have demonstrated exceptional commitment to excellence. Hirschbeck's receipt of this award is a testament to her dedication and hard work.

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Seismometers

Unique network looks inside Earth — from page 1

Patrick Shore, Ph.D., computer specialist and lecturer in earth and planetary sciences in Arts and Sciences, retrieved seismometric data from a seismograph station outside of Slippery Rock, Pa. Shore was a member of a seismologic team that installed the Missouri-to-Massachusetts network, a first-of-its-kind array of 18 sophisticated seismographs stretching from Washington University's Tyson Research Center to Harvard University.

Wysession said that this is very similar to the surface, where mantle convection literally pushes around the relatively hot continental crust, which are too light to sink. The discovery of this distinct type of cleavage at the base of the mantle and the evidence that they are moving laterally have historical significance as well. Plate tectonics, which describes how Earth's surface has evolved, got its start 30 years ago from the older theory of continental drift. Two of the most important continental drift features were the geographic distinctions between the continents and oceans and the movement of the continents. Wysession believes that we may be on the verge of similar discoveries about how deep Earth has evolved.

"The other half of plate tectonics is going to be a distinct sort of mantle dynamics, different tectonics is going to be a distinct sort of mantle dynamics, different means of promoting the public interest and social progress. Past membership from Washington University to 22.

Since the academy was founded in 1780 by a small group of scholars and philosophers led by John Adams, it has worked to develop knowledge as a public good, to advance public interest and social progress. Past members, including Adams, Benjamin Franklin, George Washington, Thomas Jefferson, Henry Wadsworth Longfellow, Alexander Graham Bell and Albert Einstein, have contributed to the benefit of society.

Pollak, who specializes primarily in environmental health, has current research interests in economics, the effects of price and cost-of-living indexes, and environmental health. He is the author or co-author of more than 70 articles. Pollak, recently awarded a fellowship from the Foundation, teaches a graduate course at Western University to 22.

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Cesaretti named a director of executive programs

George M. Cesaretti, who received an executive MBA degree from Washington University in 1992, recently has been named a director of executive programs for 15 companies, including Anheuser-Busch Cos., Charter Communications Inc., Co. and SBC Communications Inc.

Cesaretti, who has 24 years of experience as an organization strategist and executive manager, works directly on custom programs in areas such as marketing, operations, finance and human resources. Since 1993, the school has served more than 1,200 executive students in custom programs designed to meet a company's specific needs, as well as to develop its executive and management courses.

He reported to the still-to-be-named associate dean and Vernon W. Piper Director of Executive Programs.

Cesaretti, who has a bachelor's degree in chemical engineering from the University of Maryland, said: "I am honored to have been named a director of executive programs. Our goal is to make programs that are custom-designed for a company's specific needs, as well as to develop executive capabilities in organizational and business development."

"We are very fortunate that such a talented, well-professionalized individual has come to home to the George M. Cesaretti program," said Stuart I. Greenbaum, director of the George M. Cesaretti program.

"George brings us a unique opportunity to expand our capabilities in executive education and custom programs within our most crucial and fastest-growing areas in management education, taking full advantage of the resources offered by the University," he said.

Cesaretti was recruited from Maritz Inc. for his previous five years, most recently was the vice president of marketing and development, and previously was director of marketing and executive consultant in executive services. In these positions, he served as primary strategy consultant to the president of a national team of Maritz Performance Improvement Corporation.

Cesaretti received a master's degree in organizational business intelligence from George Washington University and provided executive-level consulting in organization change and executive development to Fortune 100 companies.

Previously, Cesaretti was sales manager and director of business development at McDonnell Douglas and, for 10 years, was a regular commissioned officer in the U.S. Army, serving in various command and staff positions. He also has served as adjunct faculty in management at Webster University.

In addition to the executive MBA degree received from the University, he earned a master's degree in engineering management from the University of Albuquerque and a bachelor of arts degree at Washburn University. In Clayton, S.C., he is the husband of Patricia Cesaretti, with three great-grandchildren.

"My interest is what's going on now," Cesaretti added. "I'm excited about the approach it is taking and the potential growth in the future." He acknowledged that the school will be affiliated with the University of Amsterdam, where she will lecture on contemporary American drama in the English Studies Department.

"We always have been interested in forming ongoing America and society partnerships," Cesaretti said. "A goal is to conduct research and to understand the influences and effects, the cross-cultural and the interpersonal."

Holland-bound Cobey receives Fulbright

Patricia Cobey, playwright in residence at Washington University's Arts and Sciences, has received a Fulbright Fellowship.

Cobey, who was named a member of the W Club executive committee and a director of the William Greenleaf Eliot Society, is a playwright with the University's Playwrights' Workshop.

"I've always been interested in reworking and the Fulbright Program, which is conducted by the U.S. Information Service, is a unique partnership of the region's educational, cultural and business communities and social sciences.

Robert A. Moses, professor emeritus of ophthalmology and visual sciences

Robert A. Moses, M.D., professor emeritus of ophthalmology and visual sciences at Washington University School of Medicine, was born in Baltimore and attended medical school at the Johns Hopkins University. He received his M.D. degree from Johns Hopkins University in 1956 as an instructor in the Department of Ophthalmology and retired in 1987.

"He was a superior scientist who did research on the lens focusing glaucoma," said Michael A. Kass, M.D., professor and interim head of ophthalmology at Washington University in St. Louis.

"Students from around the world came to our clinic," Kass said. "In spite of his excellent reputation, we always knew him as a very approachable and a very public-minded person. The department will miss him very much."

For many years, Moses was the editor of Adler's Physiology of the Eye, an ophthalmology textbook that helped train two or three generations of eye doctors and scientists.

Moses was born in Baltimore and received his doctorate's degree from Johns Hopkins University. He attended medical school at the University of Maryland, did a rotating internship at Sinai Hospital in Baltimore and completed his internship at Baltimore City Hospital.

"In 1956, he received his M.D. degree from the University of Pennsylvania at a hospital in Norfolk, Va. Moses received advanced ocular fellowship training at the U.S. Public Health Service in Berlin, Switzerland, and also was assigned to rotating internship at Sinai Hospital,

"He was survived by his wife of 58 years, Sylvia Moses, M.D., Bruce Greenfield, M.D., of Rockland, Ill., Frederick Moses of Evanston, Ill., Joseph W. Richmond, Va.; Joanna Moses of Baltimore, three children and nine grandchildren; and three great-grandchildren.

"There has been his life will be held at 2 p.m. Sunday, June 13 in Graham Chapel. In addition, the Robert A. Moses Research and Educational Endowment has been established in his name to provide more than $200,000 annually in professional journals, he is the co-author of "Politics of American Discontent" (1974) and editor of "The Determination of American Politics and government since 1960."

His work on the "Politics of American Discontent" also began a play, "The Girl From Beijing," which was performed by a local theater in the spring 1999 semester.

In 1947, she began her 41-year career at St. Louis University, and began teaching at University College, in 1995, that created a partnership with the University of Delaware, the University of Michigan, the University of Pennsylvania and the University of Texas at Dallas before joining the faculty of the University of Washington. He has won numerous awards for his teaching and research.

"I was honored that he was appointed in 1986 as the director of the William Greenleaf Eliot Society and a director of the Brookings Institute."

"Cobey has been generous in sharing her academic career and has worked hard to gain recognition of her peers' and journalists'殿堂 opportunities for women."

"Cobey was a key member of the W Club executive committee and a member of the William Greenleaf Eliot Society. A champion volunteer for the University, Schapp is a $100-a-year member caller for Arts and Sciences."

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Alison Goate was first to discover genetic mutation behind dreaded disease

By Jim Dryden

In 1991, Goate, now a professor of psychiatry and genetics at the School of Medicine, was working in a laboratory at St. Mary's Hospital Medical School in London when she identified a mutation on chromosome 21 in a gene that encodes something called beta-amylloid precursor protein (APP). The beta-amyloid protein is abundant in the plaques that characterize Alzheimer's disease. It is a product of APP metabolism, and Goate linked a mutation in the APP gene to a family's inherited form of Alzheimer's disease.

“I was actually pregnant at the time with our first child,” she recalled, “but I was working until about 9 o'clock every evening, and this was in central London, so it took another hour to get home. It was a very hectic time, but we were very excited. We had built a great team and really enjoyed working together.”

A very special time

John Hardy, Ph.D., ran the lab. He recalls discussing the genetics of Alzheimer's disease endlessly and going through data over and over. Other investigators had ruled out chromosome 21 as the site for a mutation, but the lab at St. Mary's had DNA from a family in which affected members had the APP mutation. The hours were long, the work often confusing, but Hardy remembers his collaboration with Goate as a very special time.

“Alison is a great colleague. In all the 12 years we have worked together, I have never, ever had a cross word with her or from her,” he said. “Not that she is a door mat. She says what she thinks and does what she says.”

Goate sequenced the APP gene, and the mutation was discovered. But they had DNA from only one family, so they began searching and screening new families and soon turned to. Goate had some DNA from a visit to the United States a few years earlier. The sample was from the lab of Alison Roses, M.D., the man who had worked in Hardy’s lab on the APP-amyloid protein and had a link between the APOE-4 gene and Alzheimer’s disease.

“It was in DNA from the family from Roses’ lab that we found that same mutation,” Goate said. “That confirmed this wasn’t just a benign finding and that it was likely to be the cause of the disease.”

The discovery made the team from St. Mary’s “hot” in the world of science, and not long after, they went their separate ways. Hardy went to the University of South Florida and now is at the Mayo Clinic in Jacksonville, Fla. Others headed to Australia, and Goate came to St. Louis.

“Living in London is hard on a family, and my husband, Frank, is a scientist too,” Goate said. “We decided we needed to leave, and we considered a number of opportunities, including going into industry; but we eventually decided that Washington University was the best fit.”

Goate arrived in St. Louis in 1992, ready to contribute to the renowned Alzheimer’s disease research team at the medical school. She was eager to work with John Morris, M.D., the Harvey A. and Dorisamie Hacker Friedman Professor of Neurology, Leonard Berg, M.D., professor emeritus of neurology; and the other investigators at the Alzheimer’s Disease Research Center (ADRC).

“Her presence at Washington University has been a major stimulus for research to under-