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William H. Danforth, who has served since 1995, McDonnell, retired chairman of the Board of McDonnell Douglas Corp., will assume the post July 1, according to Chancellor Mark S. Wrighton. "John's record of service to the University is long and distinguished, and it has been my distinct pleasure to work with him during my first four years as chancellor," Wrighton said. "I look forward to continuing our close partnership as we work together with the Board to accelerate the ascent of Washington University in the 21st century."

Three vice chairmen were elected by the University's Board of Trustees June 30, will deliver the Commencement address. Danforth has served the University for half his career in a faculty member, medical administrator, chancellor and Board member capacity. A decision on moving to the new campus in 2005 will be made by the Board of Directors and the President of the University.

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Jamar Ray believes that qualities," said Terry, "but the main thing I admire about him."

Jamar has grown — to the edge. In 1978, he earned a Ph.D., president of G.D. Searle and Company, renewed for his contributions to medical science; and formed a graduate student at Monsanto and its support of the University and its vision and mission, combined with years of personal involvement and support at every level, I cannot imagine leaving the chairmanship of the Board.

A good start when I first got here, participating in Launch, the presentation program. Everyone was all excited and nervous being new, but I met a ton of people there. Once we got back to campus, I met their friends and it just kept branching off in a bunch of different directions.

In the waning days of his class presidency, he said he is thankful for all the diverse paths he's crossed. "The most vivid thing I take away from here is the extraordinary people that I've met," he said. "I've been able to learn different things from a broad variety of intelligent and active people. It's been a great setting."

Along the way, the mechanical engineering major has made a mark in the National Society of Black Engineers, the Association of Black Students, Tau Pi Sigma, his college and as an orientation leader.

While a job awaits in San Diego at Luminex Technologies, a firm for which he has worked the past four summers, he looks forward to returning to campus in 2005 to continue his studies and to continue his work with the organization.

Stepping down William H. Danforth, retiring chairman of the Board, will address the University's Board of Trustees June 30, will deliver the Commencement address. Danforth has served the University for half his career in a faculty member, medical administrator, chancellor and Board member capacity. A decision on moving to the new campus in 2005 will be made by the Board of Directors and the President of the University.

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Winterthur will welcome the Class of 1999, and Barrett, art music instructor, will sing "America the Beautiful," following the winter formal. "Traditionally, the winter formal is what we consider to be the beginning of the semester," said Rollins. "It's an opportunity for students to get organized, look forward to the spring, and celebrate their achievements."

Winterthur is a progressive, integrative program that offers students an opportunity to learn about the natural and social world and to develop critical thinking skills. The program is designed to help students develop the skills necessary for success in a wide range of careers, including science, business, and social work. Winterthur is also home to a variety of cultural events, including lectures, concerts, and art exhibits. The program is located in Winterthur, Delaware, and is a part of the University of Delaware College of Arts and Sciences.

"It is a great honor to be awarded the Winterthur prize," said Rollins. "We are very proud of our students and the work they are doing. Winterthur is a place where students can learn to think critically, to work effectively, and to make a difference in the world."

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New blood test for prostate cancer shows potential

By Barbara Rodriguez

W hen whose blood tests leave them uncertain whether they have prostate cancer or not, they might be able to take an additional blood test — a combination of two current blood tests — that could reduce the need for unnecessary biopsies.

A study of 937 men of intermediate risk for prostate cancer produced a new blood test that could help doctors avoid unnecessary biopsies. A combination of two blood tests — elevated levels of prostate specific antigen (PSA) and free PSA — and the presence of the kallikrein 2 (hk2) enzyme to biopsies. The study indicated that a free PSA level of 10 percent or less or a ratio of free to total PSA of 0.25 or more would strengthen the argument for performing a biopsy.

Catalona, a leader of the study, said, "The men in this intermediate group have a first chance of having prostate cancer, and they have a good chance of being cured if identified early. An additional test could give them another option for judging their cancer risk besides biopsy.

Catalona, a professor of urologic surgery at the School of Medicine, presented the findings recently at the meeting of the American Urological Association in Dallas. The study was funded by a grant from San Diego-based subsidiary of Hybritech Inc., a San Diego-based subsidiary of Genentech Inc.

Last year, William A. Peck, M.D., dean of the School of Medicine, asked the Research Affairs Committee of the Executive Faculty to assume core research facilities at the medical school and to identify new technologies that might be needed. "By sharing existing resources and planning for vitally needed new facilities, we will continue to maintain cutting-edge research," Peck said.

A subcommittee, chaired by Linda J. Pike, Ph.D., associate professor of biochemistry and molecular biology, began the task this January, and the web site http://corefacilities.wustl.edu/corefacilities was launched.

The School of Medicine has a lot of core facilities that many faculty members say are unusable, Pike said.

A sample list, the subcommittee surveyed departmental head offices and it then grouped the resources into categories such as transgenic support, microarray research, analysis. About half of the resources are available for use by all researchers at the medical school. The other facilities primarily serve more restricted groups, such as individual departments, but some provide services to other investigators when there is spare capacity.

The searchable web site also provides links to faculty who can provide technical expertise, and it enables faculty to submit information about facilities not yet listed. This year, for example, it will provide information about a DNA microarray facility that will enable researchers to analyze global gene expression.

Comments about current facilities or needed facilities may be sent to Pike at lpike@biochem.wustl.edu. "The Core Facilities Subcommittee is preparing a report on the status of our facilities," Pike said. "It will be useful to have input from faculty to determine how we are doing at supporting faculty research and to better ascertain our current and future requirements for core facilities.

The report will reflect the new Research Affairs Committee, chaired by David C. Van Essen, Ph.D., the Edison Professor of Neuroscience and head of the Department of Anatomy and Neurobiology, in its ongoing effort to promote efficient use of existing facilities and to target new technologies that need additional investment.

Allergists offer free asthma screening

An allergist who will conduct a free asthma screening from noon to 3 p.m. Sunday, May 16, at the St. Louis Science Center, 5050 Oakland Avenue. The screening program promotes early detection and treatment of asthma — a chronic inflammatory of the lung airways that causes coughing, chest tightness and difficult breathing. Between 14 million and 15 million Americans, including 4 million children, have asthma, and at least 5,000 die from the disease each year.

"People shouldn't suffer or die because of asthma," said Phillip E. Sadovsky, M.D., professor of medicine at the School of Medicine, who suffers often become so accustomed to living with chronic symptoms such as difficult breathing that they do not realize their quality of life is suffering," Sadovsky said. "We will work with the children's time to screen and inform patients about symptoms and the importance of early treatment.

Sadovsky, an asthma's exact cause is unknown, it is often trigged by allergens such as pollen, dust and animal dander, certain drugs and food additives, viruses and inhaled smoke during exercise.

Sadovsky's research program is sponsored by the American College of Allergy, Asthma and Immunology. The study is made possible by an educational grant from Astellas Pharma US, a company.

For more information, call The Asthma Center at the medical school at 986-8670 or 800-243-LHNT.

Through meticulous exper-iments, the Sadovsky team recently showed that Egr-1 activates the LH-beta gene more efficiently when it interacts with SF-1. The researchers now will determine the molecular mechanism of this synergy, in both cultured cells and mice. They also will study the effects of regulatory changes on the gonadotropin releasing hormone on LH-beta production, and they will determine whether Egr-1 and SF-1 help mediate insulin's effect on production of this subunit. "The focus of our proposed experiments is to dissect out the nature of this interaction between Egr-1 and SF-1," Sadovsky said.

"That will move us from analyzing relationships between structure and function to determining how this interaction affects female reproduction."
Half a Century of Service

Transforming vision marks Danforth years

BY MARTHA M. EVERETT

"Catch a passion for helping others, and a richer life will come back to you."

William H. Danforth caught the passion for helping others that his grandfather William H. Danforth (Class of 1892) wrote about in 1931. Through Danforth's unparalleled dedication and what he describes as a "cool-headed, warm-hearted" leadership style, a richer life has indeed come to the Washington University community.

At 73, his 48-year association with the University spans more than half his lifetime and is filled with accomplishments so numerous they are nearly impossible to catalogue.

Danforth, the speaker and recipient of an honorary doctor of philosophy degree at the 138th Commencement May 14, recently announced that he is stepping down as chairman of the University's Board of Trustees. He accepted that position in 1995, one day after retiring from a 24-year tenure as chancellor — one of the longest among active educational leaders.

At its May 7 meeting, the Board named Danforth chairman emeritus, vice chairman of the Board and a Life Trustee of Washington University. At 73, his 48-year association with the University was still "the best job in the world," he said. "Not in terms of a hard sell."

Danforth will be succeeded as chairman by John F. McDonnell, who has known Danforth for 30 years as a friend, as a director at McDonnell Douglas and as a fellow Trustee. "When he became chancellor, Washington University was still essentially a St. Louis institution, and when he retired as chancellor, it was an international institution. He has a great love and affection for the University, and he is very steadfast. He has a very strong vision of what he wants to happen and on a very quiet, low-key basis, he is able to convince people of his vision and make them want to achieve it."

Under Danforth's leadership as chairman, the Board took action on two critical initiatives. The Board launched Project 21, a University-wide strategic planning effort initiated by Danforth in 1993. Board members also undertook the current Campaign for Washington University, the first major campaign since the 1982-87 Alliance Campaign that raised $60.5 million — more than double its original goal and, at the time of its completion, the most successful fund-raising campaign in the history of higher education. In fact, during the Danforth years, the market value of the endowment increased 24-fold.

Danforth, McDonnell said, has a gift for fund raising. "He is very persuasive," McDonnell said. "Not in terms of a hard sell. He's just so genuine and so clear in his thinking and his purpose that it's very hard to turn him down."

Dedicated to students

Danforth's vision has led to a flourishing community that fulfills what he calls the "twin goals" of the University: educating students who go into the world and contribute to society and encouraging research that, as he said, "adds to the sum of human understanding and wisdom."

The hallmarks of his chancellorship, which he called "the best job in the world," were fiscal responsibility, thoughtful and caring leadership, attracting and retaining outstanding faculty during his tenure, 11 Nobel prizes and two Pulitzer Prizes came to people associated.

By the numbers

The following is a statistical sampling of Washington University's growth during William H. Danforth's years as chairman and chancellor of the Board of Trustees:

- 1951
- 1960
- 1971–Present

<table>
<thead>
<tr>
<th>Graduates</th>
<th>77,826</th>
<th>55</th>
</tr>
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<tbody>
<tr>
<td>Undergraduate financial aid</td>
<td>$3 million</td>
<td>$54.8 million</td>
</tr>
<tr>
<td>Endowment (market value)</td>
<td>$265.3 million</td>
<td>$30.7 million</td>
</tr>
<tr>
<td>Research support</td>
<td>$20 million</td>
<td>$13.6 million</td>
</tr>
<tr>
<td>Research support</td>
<td>$30.7 million</td>
<td>$147.4 million</td>
</tr>
<tr>
<td>Students receiving financial aid</td>
<td>21%</td>
<td>36%</td>
</tr>
<tr>
<td>Gift support</td>
<td>$13.0 million</td>
<td>$174.9 million</td>
</tr>
</tbody>
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<table>
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<tr>
<th>1947</th>
<th>Earned M.D., Harvard University</th>
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<tr>
<td>1951</td>
<td>Named instructor at the School of Medicine</td>
</tr>
<tr>
<td>1957</td>
<td>Named assistant professor of medicine</td>
</tr>
<tr>
<td>1960</td>
<td></td>
</tr>
</tbody>
</table>
Danforth has played many roles. He’s been a friend at the bedside of ailing faculty and staff members, a father figure reading “bedtime stories” to freshmen, an extra set of hands to help students carry bags into the residence halls and a cheerleader on the sidelines at athletic events.

“He was one of our biggest fans,” said Amy (Albers) Laczkowski, who played on the University’s national championship volleyball team for three years before graduating with a bachelor’s degree in business administration in 1995. Danforth even made it to away games, she said, cheering the team on to victory at the 1993 national championship game against Hampton University in Huntington, W. Va. “He always wore the same Wash U. volleyball T-shirt every time over his shirt and under his jacket,” Laczkowski said. “I always knew when he was there, and it was great to see him out in the stands. Nearly always, Danforth’s wife, Elizabeth, was cheering right alongside him. “Not haring them at the game would be like, ‘Why aren’t they out here today?’” Laczkowski said. The Danfords’ report and commitment to the couple the 1995 Distinguished Service Award for revitalization of the Washington University Athletics Program.

Danforth’s passion for helping others has been felt far beyond the University. In the local community, he has been active in a number of charitable organizations, including the United Way of Greater St. Louis and the St. Louis Christmas Carols Association. He is also a director of Rathbone Trust Co., which was founded by his grandfather in 1948. He served from 1960 to 1997 as chairman of the board of trustees of the Danforth Foundation, a major funder of civic projects and education. The St. Louis Globe-Democrat, then the city’s morning daily, named him Man of the Year in 1977.

A widely-respected proponent of education, Danforth was chairman of the area’s Desegregation Task Force from July 1995 to May 1996, when he was hand-picked by a federal judge as the

Danforth welcomes then-President George Bush to campus in 1989, when Bush praised the spirit of volunteerism at Washington University In a speech at the Athletic Complex.

In his own words

In 1994, upon announcement of his retirement as Washington University chancellor, William H. Danforth wrote a letter to the University community. It read, in part:

“Every morning, we have been able to get up and know that we are striving to enhance one of the noble creations of the human species. For I believe that great universities are to the modern world what gothic cathedrals were to the late Middle Ages, symbols of our ideals and of our deepest aspirations. I like to think that all of us, like our illustrious ancestors and architects of those days, add our bit to an enduring structure, a structure that will keep alive for generations after we are gone our hopes and our sense of what is right and beautiful.”

Students in the 1970s pay homage to their chancellor by placing his face on the Brookings Tower clock — a symbol of Danforth’s omnipresence on campus.

Danforth and his wife, Ibby, on her birthday in 1994.
Mary Mason: applying business lessons to medicine

BY NANCE BELT

To track the success of Mary Mason, M.D., you'd need a less-than-thrilling, but nonetheless informative, chart service, a Nielsen chart and a flow chart. At the end of the past two years, she's worked to earn a master of business administration degree (M.B.A.) at the John M. Olm School of Business, keeping up her physiology and all the while running a juggling act also included initiating and participating with resident internal medicine physicians in nationwide anti-smoking campaigns and creating and presenting medical segments on cable television.

While still a full-time business student last year, Mason worked two nights a week at Barnes-Jewish Hospital as a hospitalist, a physician hired by primary physicians to cover their private patients in the hospital. "Since the hours were 7 p.m. to 7 a.m., and I had a class at hospital admissions. But medicine and treating patients, patient care two nights a week at Barnes-Jewish on cable television. "

Majestic as her school work, she also said, "When I was talking about widgets, she was grasping after the same method to costs of treating patients." Mason believes she and business are moving closer together. "What was once a language, because my handwriting, that was just so hard," she said. "Now my independent-study project for Bay Higlter's course on labor relations, since issues of union organizing and collective bargaining are very hot topics in medicine now."

"The M.B.A. program was much more demanding than I thought," Mason went on. "Although I had always loved math and did read The Wall Street Journal, I was really coming from ground zero. Understanding business terminology was hard, and accounting wasn't something I believed in. I'm a little bit of a quitter," her team mates said. "But her teamwork helped greatly, through the M.B.A. program is about networking and learning from your classmates," she said, "and my team was wonderful." A key learning experience for Mason was the "Global Management" course for which she and fellow students traveled to the People's Republic of China. "I was able to make your voice quiver, you get a little tear in your eye...!" he said with his easy smile. "I feel pretty much in my element," he said. "I want to integrate myself into Modern Foreign Languages," he said in describing his upcoming stay, which will feature research of war crimes committed by Ukrainian officials with the Nazis during World War II. Scoville said that his prior travels, including a three-month stint with a law firm last summer in Moscow, have added layers of perspective to his immersion in foreign affairs. "When I read about things going wrong, about crimes, it's no longer just 'exciting events on a crumbling world,'" he said. "What my friends are embarrassed at," he said.

"He used to be an accomplished tennis player, Shorey said. "But now in his free time, he is reading and writing poetry." Mason was the "Global Management" student of the year for 1999, chosen by the students for her "extraordinary enthusiasm and interest in international business."

MAP: "Mary Mason: applying business lessons to medicine"

"She is a very bright perspective in society," Wren said. "I think she'll help shape the future of medicine." Multilingual history major is 'once-in-a-decade student'..."
"Renaissance man" adds MLA to his many accomplishments

By CHRISTINE FARMER

Tom Lowther leads a very busy life and likes it that way. Between working 50-plus hours a week as a managing partner of a downtown law firm, and taking time out to earn a master's degree in historic preservation 31 years after graduating from law school in 1968, he managed to find enough time to read Greek classics and travel to far-off places like Turkey and Greece for archaeological digs.

"As he puts it, 'I don't like to be bored.'

Lowther, who also enjoys reading Greek classics and history, returned to Washington University to earn a master's degree after consulting an American Institute of Archaeologists officer, who recommended the Eastern Mediterranean program. "

"I didn't throw out a question and it got absolutely no response he can often see come to life in his 31-year-old son, who's a student at the University of Oklahoma. Much of the sea has silted up, and there are large mounds," he said. "Entirely by accident I stumbled across a skull. I thought it was a pot at first. By the time I left we had discovered a skull, and that was being studied by Turks."

Lowther will be sitting on stage with the Board of Trustees at commencement, because he serves on the Executive Committee of the University's Alumni Board of Governors as vice chairman for alumni activities. Recognized in 1997 as one of the School of Law's Distinguished Alumni, he is a longtime member and past president of the University's Law Alumni Executive Committee and also serves on the school's scholarship and alumni relations committees. Recognized for his contributions to the school are many.

"He was a crucial and enthusiastic volunteer in the successful building campaign, and he remains one of our most enthusiastic and important supporters of the law school," Keating said. "He gives in so many different ways to the law school — not just with his donation of a scholarship but with the time he spends for us and furthermore with the constant endorsement he is giving the School of Law to anyone who asks or doesn't ask. He is a great ambassador for the School of Law,"

Gossow applies creativity and skill to historic preservation

By ANN NICHOLSON

At most motorists cruising down Manchester Road, the old barn tucked behind a neighboring building is likely to be nothing more than a red blur in their peripheral vision. But for Gia Daskalakis, a master's degree candidate in the School of Architecture who has worked as an architect for 25 years, the barn represents a piece of our heritage that should be saved and reused, but also could be adapted for public use.

As her final architectural design project, Gossow made a design proposal to restore the barn, which is less than a mile from her home, and convert it for use by the city of Des Peres' Department of Parks and Recreation. Currently in relatively shabby condition and completely surrounded by a parking lot, the barn is one of four period buildings clustered together on Manchester Road, amid ubiquitous stop signs.

Not far from the West County Center mega-mall, the privately owned barn, covered in ivy and next to the old Des Peres Park, which lies just to the north of the Old Peres Park, which lies just to the north when she and her husband, Doug, purchased their first home, they selected an older residence in Webster Groves with plenty of potential for Gossow's design talents. After three and a half years of honing her professional design skills, Gossow now will begin work with Cannon Architects and Engineers, a St. Louis-based firm that has won numerous awards for work in the metropolitan area.

"Preservation is so important because it helps us to maintain a sense of place and standard of living our ancestors worked so hard to create, and also to provide some opportunities for preservation work.

"For many years, I've been trying to showcase some aspects of the history and architecture of the small town off the Mediterranean coast called Avvalik.

"I think we are trying to rescue things that are not really teachable."

"I wanted to be in charge of putting some flesh to the bare bones of the text, or we were reading about in the text," Pepe said.

"I don't necessarily need degrees more interesting.

The greatest archaeological find in the history of the Medieval Eastern Mediterranean, he said, was going to start earning a master's degree 31 years after graduating from law school in 1968. He is returning to school after more interesting.

"I can't believe it was my mother's birthday," Pepe said. "We are going to start earning a master's degree 31 years after graduating from law school in 1968. He is returning to school after more interesting.

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Ainsworth is passionate about medicine, community — and more

BY DIANE DULI WILLIAMS

A

s a physician, Carla Ainsworth has a unique opportunity to learn about life. "I think physicians learn daily from their patients' life experiences," she said.

Talking with people about their health problems and struggles and their lives is one of the most attractive aspects Ainsworth finds most rewarding. It's also the main reason she chose family medicine as her specialty.

Ainsworth — All-American swimmer, indefatigable volunteer, ambitious rower, public health educator — made this decision after spending a month at a small community hospital in Santa Rosa, Calif., during a rotation in her fourth year of medical school.

"That's where I got to see the day-to-day interaction with patients, and I realized that's what I wanted to do," she said.

For many years, Ainsworth has made helping others and volunteering a priority. As a high school student, she volunteered in a soup kitchen and in a shelter for runaway juveniles. In college, she taught eighth graders at Ferguson Middle School through the Reproductive Health Education Program and also worked there for a summer camp that raised money and fund-raised for a program called Pets are WonderMeds. The program helps people with AIDS care for their pets — from picking up poop for, instance, or setting up veterinarian appointments or providing care if the pet is hospitalised.

Ainsworth's mother, a law professor, taught Ainsworth and her sister about the importance of giving to one's community. "I learned to volunteer not because it's an obligation but because that's how communities work," Ainsworth said.

When she was 13, her family moved from Lawrence, Kan., to Knoxville, Tenn., which now considers her home. As a fifth grader, Ainsworth began swimming, a passion she pursued through college. She became a four-year, Academic All-American swimmer at Kenyon College in Gambier, Ohio.

"Becoming a doctor wasn't a serious consideration for her until college, and during her sophomore and junior years, Ainsworth still explored other options," he wrote.

Pursuing a double major in chemistry and history, she spent one summer working in a laboratory at a pharmaceutical company and another conducting research on the role music plays in forming communites with a National Endowment for the Humanities grant. In October 1998, she joined "like-minded" Ainsworth said. "I knew becoming a doctor was different from what she expected. Ainsworth realized that medical students could gather necessary information effectively. "I think you really learn you're not going to have all the answers, and you learn how to become comfortable with that," she said, citing rapidly changing information and technology.

She also learned about the humanity of physicians. "Medicine is particularly humbling because there are people you can't fix and because you make mistakes. I know other physicians who that out sooner rather than later," Ainsworth wrote.

Barnette, who holds a 3.94 grade-point average in biomedical engineering and biology and has been named aMicrosoft Academic All-American, said he chose family medicine as his career because he's finishing a Ph.D. at the University of California, Berkeley. He and her new husband currently live in nearby Sacramento because he's finishing a full-time residency.

"Next year, Ainsworth will begin her first year of medical school. "I believe she simply listens to her patients, recognizes their problems, and tells them it's going to be okay," he wrote. "It's rewarding when I see it's helping them to do something they didn't even know they could do.

That penchant for helping others has no doubt contributed to her success during her undergraduate years, when she mentored a first-generation student at Flyrn Park Elementary School in University City and served as a tutor in the engineering school. It was visible as well on the gridiron, as he made the Bears offense one of the best in the conference. "I think my job as a quarterback is not necessarily the accumulation of stats. It's more about how well we all work as a whole," he said.

That attribute surely helped him compete against 250 other candidates. Ainsworth was involved in many extracurricular activities while at Washington University. She was a member of Tau Beta Pi, the engineering honor society, and Philip Myers Scholarship and is a recipient of the National Endowment for the Humanities. He plans to attend medical school after four years at Washington University.

"His success has more to do with his hard work than being naturally gifted," Kindbom said.

"He's very gifted, but he's worked very hard," he added. "I think he's always had success more than most people." Ainsworth also has been a model to young people. "He's a great guy, and he's always been a role model for me in terms of his accomplishments as a student-athlete," Kindbom said.

In addition to his near perfect academic record, he also spent a semester completing an independent study, developing a method to compute conduction velocity in three-dimensional cardiac tissue. He presented his findings in September at the Computers in Cardiology 1998 Plenary Session in Cleveland.

Barrett is a brilliant biomedical engineer — and battling Bear

BY KEITH JINKINS

It is a really good football player, there is a playbook to learn, film to watch, weights to lift and preparations to be made. But Ainsworth's focus has always been on a degree. It takes a lot of time and effort to excel.

For those student-athletes who also excel in the classroom, the demands of football and academics become even greater. But even student-athletes who excel in the classroom.

Barrett, who holds a 3.94 grade-point average in biomedical engineering and biology and has been named a Microsoft Academic All-American, said he chose family medicine as his career because he's finishing a Ph.D. at the University of California, Berkeley. He and her new husband currently live in nearby Sacramento because he's finishing a full-time residency.

"Next year, Ainsworth will begin her first year of medical school. "I believe she simply listens to her patients, recognizes their problems, and tells them it's going to be okay," he wrote. "It's rewarding when I see it's helping them to do something they didn't even know they could do.

That penchant for helping others has no doubt contributed to her success during her undergraduate years, when she mentored a first-generation student at Flyrn Park Elementary School in University City and served as a tutor in the engineering school. It was visible as well on the gridiron, as he made the Bears offense one of the best in the conference. "I think my job as a quarterback is not necessarily the accumulation of stats. It's more about how well we all work as a whole," he said.

That attribute surely helped him compete against 250 other candidates. Ainsworth was involved in many extracurricular activities while at Washington University. He was a member of Tau Beta Pi, the engineering honor society, and Philip Myers Scholarship and is a recipient of the National Endowment for the Humanities. He plans to attend medical school after four years at Washington University.

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"He's very gifted, but he's worked very hard," he added. "I think he's always had success more than most people." Ainsworth also has been a model to young people. "He's a great guy, and he's always been a role model for me in terms of his accomplishments as a student-athlete," Kindbom said.

In addition to his near perfect academic record, he also spent a semester completing an independent study, developing a method to compute conduction velocity in three-dimensional cardiac tissue. He presented his findings in September at the Computers in Cardiology 1998 Plenary Session in Cleveland.
Claire Furtak-Cole brings no one a whole new world of Benchaining - in her own right. She not only understands how to build a successful career, but she also knows how to make it last. Her latest project, Benchaining, is an online platform that connects people with the right mentors and resources to help them reach their professional goals. Claire's passion for mentorship and personal development is evident in her work, and she continues to inspire others to reach for their dreams. As Benchaining continues to grow, Claire's impact on the professional world is only set to increase.
Mariani follows intriguing path through sign language to law

By Nancy Mays

Julia Mariani's decision to pursue a law degree began years ago with a mimed story about a windy day, a tree and a sign language class. Mariani was drawn to the subject by her older brother and sister for reasons she can't explain. "I have 15 siblings at home, watching over her son Ian, and living across the street from the couple's animated sign language and rhythmic British lights flashed whenever someone rang their doorbell.

One day, Mariani was getting out of her car when her neighbor began miming a complex story about her inability to converse with her neighbor inspired Mariani to enroll — that day — in a sign language class at a school for the deaf. The new students, who taught her the language's nuances, and pursued their degree in deaf communications.

After four years' immersion in the deaf community, Mariani became a full-time teacher. It was during a two-year stint signing for a deaf student at the School of Nursing that Mariani was first exposed to legal education. "I just knew then that I could do this," she said.

Eventually Mariani decided to switch careers and enroll in law school. "People told me, you can't do that," she said. "Now, with graduation impending and a law career ahead, Mariani is certain he's made the right choice.

"I began working on research problems, approached the way we conceptualized the poverty through matched-income Americans escape poverty through matched-income development programs he helped implement."

"Isn't that hilarious?" Mariani mused. "We have no stand-ups ever, and we're so obvious!"

Fred Ssewamala counsels a client at the Justine Petersen Housing and Reinvestment Corp. in St. Louis.

Ssewamala seeks creative new solutions for African poverty

By Geert Everding

Fred Ssewamala of the East African nation of Uganda will be among thousands of students filling into Brookings Quadrangle this May for spring graduation ceremonies, but unlike many of his classmates, he will not see his parents in the crowd. Although he has not been invited to speak at Commencement, he knows well what he would say if given the chance.

"Thank God for what you have achieved, but do not think that all is well in the world," said Ssewamala. "This country has achieved, but do not think that all is well in the world."

Ssewamala admits a bit of embarrassment about her inability to tip clients that he's not from the neighborhood. People say "the man's voice is still distinctive enough to tip clients that he's from the neighborhood."

Ssewamala's passion for helping others stems from his childhood. He is one of many students in my country who have not been able to do without the help of a parent who is a caretaker for her son, now 16 and living with her father, Mariani said she had what it took to become the family's first lawyer. "He's just really on top of things," she observed. "He's such a great kid — and, by the way, an amazing shortsporter!"

Ssewamala is now working on several research projects at the social work school's Center for Social Development, including programs to help low-income African-Americans escape poverty.

Ssewamala's success story began at the University of the West Indies, where her interpreting skills were a tremendous asset. "I've found everyone to be so kind, so helpful," she said. "The house would be open to me all the time — in a sign language class at a school."

"I'm a big believer in providing assistance that helps people become self-sufficient. I've found everyone to be so kind, so helpful," she said. "The house would be open to me all the time — in a sign language class at a school.

Ssewamala, who graduates this month with a master's degree from the George Warren Brown School of Social Work, credits the kindness and support he received from his extended family with instilling his strong desire to help others. In 1994, he graduated from Makerere University in Uganda with a bachelor's degree in social work and took a job with the Red Cross.

"I began working on research and policy initiatives aimed at cutting poverty among women and girls in Uganda and soon became interested in micro-enterpreneurship as a strategy to empower women."

"I'm a big believer in providing assistance that helps people become self-sufficient. I've found everyone to be so kind, so helpful," she said. "The house would be open to me all the time — in a sign language class at a school.

Ssewamala said he didn't have enough funds to finance his education so he prepared him to find adequate solutions to the devastating poverty gripping Uganda and other countries of sub-Saharan Africa. He began searching for a more advanced and international perspective on social and economic development issues led him, in 1997, to the master of social work program at the University of the West Indies.

Ssewamala admits a bit of culture shock. Strange foods, Strange customs. Cold weather. His English was heavily accented. His computer skills were primitive. Coming from a community with no white residents, he found himself confronting issues of race and racism for the first time.

"I took me a while to get used to the fact that I am considered to be a white person," Ssewamala said. "I never thought that the color of someone's skin was important. I look at people and see a person, regardless of their skin color."
**Flowering Plants • Adolescents • Journey of the Soul • Staff Day**

**University Events**

**New Edison season: from millennium madness**

**From the Paleolithic era to millennium madness, Edison theater offers an eclectic season of musicals, theatre, dance and visual arts — they're organic and changeable.**

"We try to keep the bar high," Wardlaw added. "These are all world-class artists. If you lived in New York or Los Angeles you'd be hard-pressed to find as many of these shows. I feel particularly proud of the eclectic work of this cabaret to St. Louis."

For theater lovers, things get under way this weekend with Shakespeare Company debates "Historian to Actor: Is it Used to Be The Millennium Musical," which surges on stage for the last 1,000 years in about an hour and a half. The season continues with performance art/costume maker Sha Shy's lyric tale, "The Wooden Sun II," the Metro Theater Company chronicles the adventures of a Paleolithic visitor in "Tromen: A New Play for the Millennium!" monologist Lisa Kron takes us on his emotional roller coaster in "2.5 Minute Ride," actors Anthony Zerbe and Roscoe Lee Browne pay tribute to the drama of poetry in "Behind the Broken World," and Minneapolis Guthrie Theater brings to life Shakespeare's beloved classic, "A Midsummer Night's Dream.

For music lovers, virtuoso string players Joshua Bell, Edgar Meyer, Sam Bush and Mike Marshall weave a crazy-quilt of bluegrass, folk, Brazilian, jazz and classical music. Broadway baritone James Naughton pays a visit to the blues and jazz roots in "Street of Dreams," Margaret Lang enlists a surprising array of instruments in "Ode to Schubert: The Art of the Piano," and folk singer Buffy Sainte-Marie joins the Native American cypress group Upland for an evening of song.

Once again, Edison Theater will join forces with Dance St. Louis to present some of the finest dance companies working today. The Metro Theater Company brings passion and illusion technique to the emotive and visceral stylings of the late Martha Graham. Urban Bush Women are joined by the David Murray Octet to "Soul Deep," a homage to the blues, field hollers, gospel shouts and "Blue light" basement parties. But that's the beauty of the arts — they're organic and changeable.

"**History Ain't What It Used to Be:** A Millennium Madness, Edison theater."}

**Exhibitions**


**Lectures**

**Thursday, May 13**


**Friday, May 14**


11 a.m.-1 p.m. Molecular biology and pharmacology seminar. "Signatures of Synaptic Transmission in C. elegans." Mike Ross, dept. of neurology, School of Medicine. Medical Sciences Bldg. 362-7071.

**Monday, May 17**


12:30-1:50 p.m. Biomedical and Molecular Pathology Seminar Series. "Induction and Vasculitis." Herbert W. Wessler, genetics dept., U. of Ga. 4955 Medical Center Dr. 362-5251.

**Wednesday, May 19**

8:30 a.m. Orthopedic Surgery lecture. "The Upper Extremity: Antegrade and Retrograde Surgical Approaches for Upper Extremity Fractures." Steve Parenteau, staff orthopedic surgeon, George Washington University. 4955 Medical Center Dr. 362-2763.

**Thursday, May 20**


**Friday, May 21**


12:30-1:50 p.m. Biomedical and Molecular Pathology Seminar Series. "Mitochondria in the Human Pathogen Candida glabrata." Joel Carman, asst. prof. of molecular biology and genetics, John Hopkins School of Medicine. 4955 Medical Center Dr. 362-2763.

**Monday, May 24**


**Tuesday, May 25**


**Wednesday, May 26**

7:30 a.m. Orthopedic Surgery Grand Rounds. "Scientific Progress in Trauma Management." Jeff F. Selkirk, locum tenens for the McNichols group, St. Louis Children's Hospital. 935-5687.

8:15 a.m. Obstetrics and Gynecology Grand Rounds. "The Residents' Perspective." "You Need to Know About." Jenny T. Yung, chief resident of obstetrics and gynecology, St. Louis Children's Hospital. 4955 Medical Center Dr. 362-2763.

10 a.m. Staff Day.

**Thursday, May 27**

7:30 a.m. Orthopedic Surgery Grand Rounds. "Scientific Progress in Trauma Management." Jeff F. Selkirk, locum tenens for the McNichols group, St. Louis Children's Hospital. 935-5687.

8:15 a.m. Obstetrics and Gynecology Grand Rounds. "The Residents' Perspective." "You Need to Know About." Jenny T. Yung, chief resident of obstetrics and gynecology, St. Louis Children's Hospital. 4955 Medical Center Dr. 362-2763.

**Friday, May 28**

10 a.m. Staff Day.

**Saturday, May 15**


**Monday, May 17**

18 a.m. Staff Day. Service awards ceremony and lunch and afternoon activities. Magrath is ahead of the gulf south on the university's site.

**Saturday, May 22**

9:30 a.m. Fine Arts institute workshop. "Painting: the Real and the Imaginary." Sandra Pettis will exhibit paintings and demonstrate how to mix color and emotion transfer. Students will attend classes and work on their own. Cost. $50. Room 101. Riley Hall. 362-8463.

**Sunday, June 5**

9:30 a.m. Fine Arts institute workshop. "Painting: the Real and the Imaginary." Sandra Pettis will exhibit paintings and demonstrate how to mix color and emotion transfer. Students will attend classes and work on their own. Cost. $50. Room 101. Riley Hall. 362-8463.
Mary-Jean Cowell, Ph.D., helps sophomore Karla Polk with her alignment during the class "Introduction to Dance as a Contemporary Art Form.

Mary-Jean Cowell
Ph.D., helps students discover the pleasure and expressive power of movement

Dancing as fast as she can

Mary-Jean Cowell

"I've been at Washington University for more than 20 years," noted the couplet won Cowell with a quizzical smile. "And I should note that I've been here longer than I've been anywhere else in my life." That longevity is most likely the result of a very good fit.

"Mary-Jean really realized the kind of versatility our department strives for," said Larry V. Schrey, Ph.D., professor and chair of the PAE, who's known with legendary figures like Graham, Lucas Hoving and Louis Horst. "She's a wonderful force — a superb teacher, a caring mentor, an excellent choreographer and a fine scholar.

Cowell was born in the small town of St. Louis, and credits Seattle's Cornish Academy for early training in ballet and the Dalcroze method for dance.

As a teen, she moved with her family to St. Louis and plunged into the rigorous academics of Principia College, a small liberal arts university where she studied with Annelise Mertz, a poet and writer.

"I found someplace that seemed to teach 'to dance modern,'" Cowell ruefully recalled. "It turned out to be a chubby Frenchman who offered me 'te vibration.' I realized that I should stop trying to do dance around the edges and make it my main focus.

Cowell returned state side and accepted a fellowship to the University of Illinois at Urbana-Champaign, graduating with a master's degree in 1965. And the many ambitious young dancers, she longed for the big time — which is to say, she moved to New York, supporting herself by performing with the Katherine Lutz Company and teaching at Vassar College in Poughkeepsie.

Asian dance

Though Cowell's main focus continued to be modern dance, while at Illinois she also had taken an interest in Asian dance — then a fairly esoteric subject and — and in New York embarked on the study of Asian dance. In 1968, she took a fellowship to Vassar and studied Japanese dance at the University of Hawaii, Honolulu, where she began learning Japanese while studying dance styles like Noh and Odori. That summer, she traveled to Japan for the first time, staying at the home of her Noh instructor.

Once back in New York, Cowell embarked on a doctorate in East Asian dance and literature at Columbia University. Though her dissertation was on dance and theater, Cowell also focused on Japanese literature, which is set by the dance theater piece "Komachi". She's been presented with a grant to pursue her research on the arts in Japan, which she will pursue in New York during the next academic year.

"People who major in dance really have to love it; they also have to be brave," Cowell said. "I found a place that allowed me to do it, and I think, explains why, for such a small number of people, we've had a lot of people who've made real contributions to the field."

Cowell also continues her scholarly work, publishing essays on Misha Yuoko and Michio Ito, as well as a script for a film and electronic music. In recent years she has presented a series of conference papers, as well as the latest to be given at the National Society of Dance History Scholars in June. "I'm writing a book for its 50th anniversary in the fall," she said.

But Cowell's greatest satisfaction comes simply from helping students discover the pleasure and expressive power of movement.

"A lot of people have a considerate inclination to dance, and they really enjoy it. They're not just learning empirically how and why people move, but involving their total selves. Which really makes you feel that you're doing something worthwhile doing."