Blood clot treatments
subject of major trial

By Michael C. Purdy

A $10 million government-funded, multicenter clinical trial of an aggressive treatment for blood clots in the leg—known as deep vein thrombosis (DVT)—will be led by School of Medicine researchers.

About 250,000 U.S. patients are diagnosed with new DVTs every year. Current clinical standards call for the patients to be treated with blood-thinning agents, which prevent clot migration and formation of new clots but do not break up the original clot. Clinicians recently have realized the original clot often leads to serious, difficult-to-treat, long-term complications.

Suresh Vedantham, M.D., associate professor of radiology and imaging at Barnes-Jewish Hospital, is the principal investigator for the Acute Venous Thrombosis: Thrombus Removal with Adjunctive Catheter-Directed Thrombolysis (ATTRACT) trial, which will test the use of catheter-mounted technology that can both chew up DVTs and directly administer clot-busting drugs.

“This is the first large-scale test of these new techniques, and the potential to change clinical DVT practice on a large scale is very exciting,” said Vedantham, an interventional radiologist at Barnes-Jewish Hospital. “If the trial is positive, it will alter the paradigm to say we don’t just prevent the next clot, we’ve got to also remove the existing clot first.”

The initial symptoms of DVT are pain and swelling in the affected leg. Associated risk factors include surgery or trauma to the leg, obesity, estradiol medication during pregnancy and clotting disorders in the blood. Women are at significantly higher risk.

See Clots, Page 6

It takes a Village

Chase Sackett (left), a junior majoring in classics and economics in Arts & Sciences, and his wife, Susan Sackett, gave his perspective on living in the new building, which opened in August. Tours were available for interested faculty, students and staff. Village East contains approximately 152 beds for upperclass students living in four-bedroom apartments. The building boosts several study, program and meeting spaces on three floors. The lower-level lounge includes a flat-panel television and an enclosed patio accessible to all residents.

See Debate, Page 6

Harry and Susan Seigle Hall to be dedicated

Building for law, social sciences holds 15 classrooms, 139 offices

By Jessica Daues

The tower of Harry and Susan Seigle Hall overlooks Anheuser-Busch Hall to the north and Simon Hall to the south, creating a new, awe-inspiring view of the Danforth Campus western edge. Its presence transforms the great lawn, completing a quad-angle that includes Olm Library, Graham Chapel and the Danforth University Center and putting Seigle Hall in the hub of life and learning on campus.

Seigle Hall’s dedication— which will take place at 4 p.m. Thursday, Sept. 25, on the building’s east side and feature a speech by Nobel Prize winner Douglas C. North, Ph.D., the Spencer T. Olin Professor in Arts & Sciences—will mark a significant milestone in ongoing efforts to encourage and facilitate interdisciplinary work between the social sciences and the School of Law. The building —namely for alumna and philanthropist Harry Seigle and his wife, Susan —provides bright, light-filled teaching, office and meeting spaces for the law school and the departments of Economics, Education and Political Science, all in Arts & Sciences. Seigle Hall completes the University’s largest quad-angle, and with its high ceilings, tall windows and built-in wooden desks, the building features inviting venues for collaboration.

“Harry and Susan Seigle Hall will strengthen Washington University’s law school and social sciences by drawing together students and faculty from across disciplines,” said Chancellor Mark S. Wrighton. “This new building on the Danforth Campus will foster a collaborative environment and encourage exciting new education, research and scholarship.”

Seigle Hall is the first academic building on the Danforth Campus to be named for an alumnus living outside of St. Louis. Harry Seigle, who earned a bachelor’s degree in political science from WUSTL in 1968, and Susan Seigle reside in Chicago.

“Harry and Susan Seigle’s commitment to this new building is an extraordinary contribution to the future of Washington University,” Wrighton said. “The Seigles’ gift is significant, but by no means is their generosity limited to the support of Seigle Hall. Washington University is incredibly fortunate to have their friendship.”

The Seigles’ dedication to the University and higher education is apparent with their gifts supporting programs, scholarships and facilities at WUSTL. In 2005, the Seigles endowed a professorship in See Hall, Page 2

Snow Way Garage will be allowed to exit; however, no new vehicle traffic will be permitted into the garage from 3 p.m. until midnight. Also, no pedestrian traffic will be allowed on the top level.

Lot 28, the lot north of the Athletic Complex and south of the School of Law, Lot 31, closed last Saturday, Sept. 28, Olympian Way and the roof of Snow Way Garage — Lot 13 and the roof of Lot 29 — closed by 6 a.m. Thursday, Sept. 25. After 3 p.m. Thursday, Oct. 2, vehicles parked in Snow Way Garage will be allowed to exit; however, no new vehicle traffic will be permitted into the garage from 3 p.m. until midnight. Also, no pedestrian traffic will be allowed on the top level.

See Debate, Page 6
Generous gift to enhance interdisciplinary study

Harry and Susan Seigle in November 2007, surveying construction of the building that bears their name.

Hall

Generous gift to enhance interdisciplinary study

Harry and Susan Seigle Hall will provide the arts and students of Arts & Sciences a long-awaited opportunity to interact in a first-rate teaching and research facility," said Quatrano, past chair of the Department of Biology and the Spencer T. Olin Professor. "For the departments of economics, education and political science, and for such intellectual clusters as the Weidenbaum Center and Applied Statistics, the impact of this building for Arts & Sciences is transformative. As we implement our strategic plans, which call for greater interdisciplinary interactions across departments and disciplines, Seigle Hall offers great promise in enabling such cooperation and interaction."

Harry Seigle's connection to the building was a natural one, given his lifelong commitment to politics with social science and law. The Seigle Family Scholarships in Economics, Education and Political Science will provide the faculty and students of the departments of Economics, Education and Political Science. "These include diet in its relation to animal rights and factory farming; intensive agriculture and its environmental costs; ethnic, cultural and political legacies; the food industry and its impact on national eating habits; fast food and its social effects on both workers and consumers; and the challenges and opportunities posed by genetically modified foods."

First-year students already have become a vital part of the University and local community, by joining student organizations, learning and working with professors and participating in service projects. Assistance from others in the WUSTL community, especially fellow students, makes the transition easier for Lin, who plans to major in biology in Arts and Sciences.

"Since the minute I arrived on campus for move-in, I was extremely impressed and grateful for the services that support staff provided," Lin said. "I have learned so much from their experience and help."
One-sided hearing, cochlear implants studied in project

By Gwen Ericson

Jill B. Firszt, Ph.D., a School of Medicine cochlear implant specialist, was working on her doctoral dissertation when she met with a 47-year-old patient who was deaf in one ear since childhood.

The patient was to get a cochlear implant in her deaf ear because she recently had a tumor operation that destroyed the hearing in her good ear and left it inelligible for hearing aid therapy.

"We just didn't know there wasn't enough information available about cases like this to predict how well cochlear implants would work," Firszt said.

Firszt's mentor, Uchanski, Ph.D., research assistant professor of anatomy and neurobiology, recognized the potential for continued funding and research into the time course of brain reorganization when one ear is deaf.

Firszt and colleagues will look at how different types of sounds are coded in the auditory system, Firszt said.

"When sound input varies from one ear, we expect to see a reorganization of activity in the auditory cortex," Firszt said.

A second grant, from the WU-WUSTL Institute of Clinical Translational Sciences, will aid in this kind of analysis. The one-year, $80,000 grant with potential for continued funding in the second year will support research into the time course of brain reorganization when hearing is suddenly lost in one ear.

Firszt and colleagues will also implement sound localization training to determine if those with sudden hearing loss can learn to locate sound better, a common task for patients with hearing loss in only one ear.

The results of both studies will help determine how hearing loss affects brain function, helping to guide research on the best time for the 100-meter event. She placed first among the American athletes with a time of 21:36.56 overall, not even two seconds behind Canadian gold medalist Sarah Steele, who set a new world record with her time of 19.97.

Morgan's US record was also a season's best for the 100-meter. She placed first among the American athletes with a time of 21.36 seconds for fifth place overall, still well within her personal record of 21.08.

Zoberi specializes in radiation oncology at the St. Louis West County Medical Center facility.

Zoberi's NIH-funded project is designed to learn more about the function of the brains hearing centers in people with unilateral hearing and subsequent changes when people get cochlear implants.

"We're using imaging techniques such as functional magnetic resonance imaging to look at how different types of sounds are coded in the auditory system," Firszt said.

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Hollywood cast recreates sci-fi classics at Edison

**Thursday, Sept. 25**

Oct. 3-4, L.A. Theatre Works, the nation's foremost radio theater company, will return to Edison Theatre for a special double bill of science fiction thrillers.

The program — directed by Star Trek alumna JoAnne Johnson of L.A. and featuring veterans of "The X-Files," "Heroes" and "Star Trek: Voyager," among others — will begin with H.G. Wells' "War of the Worlds," the mother of all space invasions. Then, following a brief intermission, the cast will shift gears for a subterranean expedition through Sir Arthur Conan Doyle's "The Lost World.

"War of the Worlds" recreates the breathtaking pacing and convincing detail of the infamous 1938 radio play by Orson Welles' Mercury Theatre of the Air. Adapted by Howard Koch, one of Welles' writers, this 60-minute "eyewitness report" of an invasion from Mars inadvertently started a nationwide panic (in part because Koch changed the story's setting from Victorian England to a small town on the East Coast of the United States). Yet, the tale continues to fascinate, raising very contemporary concerns about the nature of the media as well as issues relating to the protection of borders and the environment.

"The Lost World," adapted by L.A. and怂nder producers, follows the ill-fated Professor Challenger as he helps an expedition to penetrate to prehistoric animals still exist. Trapping deep into the Amazon jungle, the fearless explorers soon discover a place — and the dinosaurs — where dinosaurs have evolved beside human beings. "The Lost World" now by science fiction and high schools nationwide.

Performances begin at 8 p.m. both evenings and are presented by the Edison Theatre OVATIONS Series.

**See the movie, then see the stage play, too**

In conjunction with the L.A. Theatre Works production and the University City Public Library will host a free screening of the classic 1953 film adaptation of "War of the Worlds," directed by celebrated special effects master Byron Haskin.

The screening will begin at 6:30 p.m. Tuesday, Sept. 30, at the University City Public Library, 6701 Delmar Blvd.

A joint discussion on Days of the media, moderated by Richard Chapman, senior lecturer in screenwriting in the Film & Media Studies Program in Arts & Sciences, will immediately follow.

For more information, call 935-6543 or e-mail edison@wustl.edu.

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**Twilight Samurai • Luminescent Quantum Dots • Children's Crusade**

**Exhibits**


**Film**

Tuesday, Sept. 29


**Wednesday, Oct. 1**


**Thursday, Oct. 2**


**Lectures**

**Thursday, Sept. 25**


"Recent Advances in the Study of DCIS." Zeev Rosenzweig, prof, of pathology, Washington U. Dept. of Medicine (medschool.wustl.edu/news-info.wustl.edu/calendars) and the School of Medicine (medschool.wustl.edu). 362-6950.


**Hitchcock feature films staged readings of three original plays**

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**Washington University in St. Louis**

**University Events**

"University Events" lists a portion of the activities taking place 25 Oct.-30 Nov. at Washington University. For the full schedule and to register, visit asc.c.wustl.edu.

**Exhibits**


**Film**

Tuesday, Sept. 29


**Wednesday, Oct. 1**


**Thursday, Oct. 2**

Meeting the author: After delivering a well-attended Assembly Series presentation Sept. 17 in Graham Chapel, Elizabeth Kolbert answered questions from students, including Tyler Nading, a senior civil engineering major and member of the men's basketball team. Kolbert's book on global warming, "Field Notes from a Catastrophe: Men, Nature, and Climate Change," was this year's Freshman Reading Program selection.

**Cool jazz series begins at Kemper Sept. 27**

By LAM OTTEN

Biron, Ill., native Miles Davis helped invent the notion of "cool" with his groundbreaking album, "Birth of the Cool," a recording that also ushered in a whole new school of West Coast jazz.

This fall, the Mildred Lane Kemper Art Museum will celebrate Davis' legacy with a series of free concerts in its recent hosting of the "Birth of the Cool" era, Fresno's organ debut album, "Blueprint of Soul," was released in 2007 by the Overnight Music label. He also performed with The Brothers Lazaroff and the Roly Portnoy Ensemble and the Sessions Big Band. He has been a member of the Webster Jazz Repertory Ensemble as well as the Lenihan Quartet performing music inspired by Wes Montgomery. Lenihan, director of jazz performance at WUSTL, has also been a member of the Jazz at Lincoln Center orchestra. As a founding member of the Webster Jazz Repertory Ensemble and a member of the Legacy Big Band, the Klaus Portnoy Ensemble and the Seاسouls Big Band, he has performed with Dave Brubeck, Clark Terry and has backed soloists such as Ellington Fitzgerald and Nancy Wilson.

All concerts are free and open to the public and begin at 4 p.m. For more information, call 935-5400 or visit kemperartmuseum.wustl.edu/cooljazzseries.

**'Presenting China' focus of conference**

By GERRY EVERSING

How the Chinese nation presents itself to the world — and how it is perceived by other nations — including rival global superpower, the United States — is the focus of an international conference Oct. 17-18 at WUSTL, in Wilson Hall, Room 214.

"Presenting China, Theory and Pedagogy," the conference is free and open to the public.

The rise of China to become a powerful world superpower raises questions about how China is presenting itself to the world and how it is being perceived by other countries such as the United States, suggests conference chair Lingling Chen, Ph.D, associate professor of modern Chinese language and literature and director of East Asian Studies in Arts & Sciences.

In so many manifestations, Chen explained, China is perceived simultaneously as a typical as well as advanced, "a culture of civilization and superpower, in one and the same sense," he said.

The conference brings together Chinese scholars from such fields as literature, history, film and media studies, political science and anthropology as well as social scientists, China-based journalists. Topics include how the Chinese nation and culture are being studied, what knowledge about China is being transmitted in classrooms and how the media portrays this increasingly influential nation.

WUSTL faculty participating in the conference include Green Bennett, Ph.D, assistant professor of art history and architecture; Gerald L. Early, Ph.D, the Mel Klief Professor of Modern Letters and director of the Center for Contemporary Humanities; Beate Grant, Ph.D, professor of Chinese language and literature in the Department of Asian and Near Eastern Languages and Literatures; Robert E. Hegel, Ph.D, professor of Chinese in Asian and Near Eastern Languages & Literatures and the Lizette Deickmann Professor of Comparative Literature; Pauline Lee, Ph.D, assistant professor of Chinese religion and culture; and James Wirch, Ph.D, the Marshall S. S. Snouffer Professor and director of the McDonnell International Scholar Academy, all in Arts & Sciences and Carl Minnerath, LLM, associate professor in the School of Law.

Part of a two-part conference jointly organized by WUSTL University and Fudan University in Shanghai, this opening conference is co-sponsored by the China Centre, the National University of Singapore, and the School of the Environment.

For more information on speakers, topics and registration, call 935-4448 or visit artsci.wustl.edu/events. -to-presenting_china.

**Election programming update**

An array of panels, discussions, artistic expressions, letter and special events are taking place on the WUSTL campus throughout the presidential campaign season. Listed below are those being offered this week.

**Wednesday, Oct. 1**

7:30 p.m. The Power and Problems of the Vice Presidency Brown Hall, 111. Panel discussion featuring Joel Goldkoff, Douglas Kriner and Michael Nutter. Presented by the Woldenauer Center for Foreign Affairs, visit the WHH site at wc.wustl.edu. Free and open to the public, but reservations are required.

**Thursday, Oct. 2**

6:30 p.m. Spinning the Presidency, Election Edition. Press Room, Anheuser-Busch Hall, Rm. 201. 935-7988.

"Techniques in Literary Incorruption and Formulaic Texts," roughly $485 and $700, are safe for health professionals, attorneys, counselors or other professionals. Call 314-935-3010.

**Saturday, Oct. 4**

7:30-9 p.m. "The Greatest Show on Earth" CWLO, Call 935-3010. "The Greatest Show on Earth" on the CWLO.

**Saturday, Oct. 10**

8:30 a.m. "Presenting China: Theory and Pedagogy," the conference is free and open to the public.

**Saturday, Oct. 17**

10:30 a.m. "History of the Office of the Vice President and the Vice Presidential Debate." Through Oct. 17 in the Old Library Conference Hall. For questions regarding programming, contact Michael Nelson. Presented by the Office of the President, visit president@wustl.edu.

**Sunday, Oct. 5**

4 p.m. "Birth of the Cool," a recording that also ushered in a whole new school of West Coast jazz. Held in conjunction with the exhibition "Birth of the Cool: Art, Design, and Culture at Midcentury" — on view through Jan. 5 — the series will consist of live performances by notable St. Louis musicians, each inspired by the work of a modern jazz master.

Concerts begin Saturday, Sept. 27, with the BAG Trio, which will perform works inspired by Davis himself. Led by Zimbabwe mbira master on bass and African mbita, the trio takes its name from the Black Artista Collective in St. Louis collective that flourished between 1948 and 1972 that incorporates Cuban, European, African and other influences.

The series continues Oct. 25, with the William Lenihan Quartet performing music inspired by Wes Montgomery. Lenihan, director of jazz performance at WUSTL, has also been a member of the Jazz at Lincoln Center orchestra. As a founding member of the Webster Jazz Repertory Ensemble and a member of the Legacy Big Band, the Klaus Portnoy Ensemble and the Seасouls Big Band, he has performed with Dave Brubeck, Clark Terry and has backed soloists such as Ellington Fitzgerald and Nancy Wilson.

All concerts are free and open to the public and begin at 4 p.m. For more information, call 935-5400 or visit kemperartmuseum.wustl.edu/cooljazzseries.

**Saturday, Sept. 27**


**Tuesday, Oct. 7**

8:30 a.m. "Election 2008: An Update on Campaign Financing,"漫画 at WUSTL, faculty and students with current University ID. For information, contact: kessler@wustl.edu.

All Day, OKK Election Express Yourself Tour Bus and G-PHNY Campaign 2008 Bus. Clough Hall, University Center.

**Wednesday, Oct. 8**

8:30 a.m. "Red or Blue Debate Program," Chapel, Open to WUSTL, faculty, students and staff with current University ID. For information, contact: kessler@wustl.edu.

**Ongoing events**

Exhibits on the History of the Office of the Vice President and the Vice Presidential Debate, Through Oct. 17 in the Old Library Conference Hall. For questions regarding programming, contact Michael Nelson. Presented by the Office of the President, visit president@wustl.edu.

To access the election programming calendar, visit any of the following afternoon afternoons jazz concerts, wustl.edu, or at kemperartmuseum.wustl.edu, gph-pn.wustl.edu and debateoffice.wustl.edu.

**And More**

**Sunday, Oct. 5**


**Friday, Oct. 3**


**Saturday, Sept. 27**


**Monday, Oct. 6**

7:30 p.m. "Owensboro & Maysville" Big Band Con-cert, "Owensboro & Maysville" Big Band.

**Saturday, Sept. 27**


**Monday, Oct. 6**

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**Saturday, Sept. 27**

Football of to best start since 2001

The football team is 6-0 for the first time since 2001, thanks to a 30-27 victory at Wittenberg. University in Springfield, Ohio. The Bears jumped out to a 2-0 second-quarter lead and forest fire four turnovers in the win against the lowest scoring offense in NCAA Division III history. Senior quarterback Rush Leith finished 22-of-36 for 265 yards and two touchdowns, while sopho- more Tom Galis had six receptions for a career-high 166 yards. junior Tim Machan led the de- fence with a career-high 10 tackles and three forced fumbles, one of his career.

The team has a week off before traveling to Memphis. Oct. 4 to play Rhodes College.

Men’s soccer picks up pair of shutouts

The men’s soccer team (6-1-0) ex- tended its winning streak to five games in picking up a pair of 3-0 victories last week, the first at Fontbonne University Sept. 18, and the second at Division II Butler University in Springfield, Ill.

Palin, 46, has overseen in- creases in Alaska state savings, education funding and imple- mented the Senior Benefits Program that provides support for low-income older Alaskans. Her administration has passed an overhaul of the state ethics laws and developed a process to construct a gas pipeline. Palin is chair of the Inter- state Oil and Gas Compact Commission, a multi-state govern- ment agency that promotes the efficient and efficient recovery of domestic oil and natural gas resources while protecting the environment. Before becoming governor of Alaska, she served two terms on the Wasilla City Council and two years as mayor of Wasilla.

Palin also has served as chair of the National Republican Congressional Committee, which regulates lobbyist and oil gas.

Debate

Carry WUSTL ID at all times Oct. 1-2 — from Page 1

debate approaches. Let us at West Campus will be closed Wednesday, Oct. 1, through Friday, Oct. 3, including Lot 35, which is di- rectly south of Simon Hall. Be aware that other smaller space reservations may occur around campus throughout the week — signage will indicate which spaces are permitted.

In addition, no parking will be permitted on the following streets the day of the debate: Forsyth Boulevard from Skinker Boule- vard to Big Bend Boulevard, and Brookes Street. Daily parking passes will not be honored Oct. 2 — only those with annual permits will be al- lowed to park on the Danforth Campus. Parking will be available at West Campus, and faculty and staff can use a U-Pass to take MetroLink from the Danforth Campus. The MetroLink from West Campus will run on its normal schedule.

To sign up for a U-Pass, visit parking.wustl.edu/metro.htm.

Street closings

Thursday, Oct. 2, will see many closures of streets surrounding the Danforth Campus.

At 9 a.m., Big Bend will be closed from Forsyth to Forest Park Parkway. Westmead Place, Maryland Avenue and Lindell Avenue will all be closed at Big Bend.

At 11 a.m., Forsyth will be closed at Skinker and Big Bend. Traffic on Forsyth will be limited to campus traffic exiting the campus to the east toward Skinker and campus and debate

Biden, Palin set to debate at Athletic Complex

WASHINGTON UNIVERSITY IN ST. LOUIS

Old friends, new friends Nisa Zwettling Wright (right) greets Marilee Kearsley during the Women’s Club Fall Welcome Luncheon at Herron House Sept. 15. Wright hosted the luncheon to introduce new members to the Women’s Club, founded in 1910 by faculty wives, offers its members opportunities to form friendships and grow intellectually through luncheons, lectures, tours and women’s programs. The club also sponsors study scholarships for students who are faculty or staff wives or attorneys of faculty or staff, alumnae or spouses of alumni; or women sponsored by a member. For information about the club, contact Patricia Sanitrate at sanitrate@email.wustl.edu.

Sports

Tour debate site Sunday, Monday

WASHINGTON University again will offer public tours of the vice presidential debate venue. Tours will be given Sept. 28, from noon until 6 p.m., and Monday, Sept. 29, from 10 a.m. until 6 p.m.

Individuals and groups of invited to take the tour.

Groups should contact Terri Brennan in advance at 935-5040 to schedule a tour.

Two tour sites will be available: the MetroLink service to campus, and the University service to campus and debate

Traffic moving west from Hoyt Drive to Wallace Drive. Eastbound traffic on Forsyth from Hamley Road will be permitted to travel to Big Bend and then southbound. Northbound traffic on Big Bend will be permitted to travel to Forsyth and then westbound.

By mid-afternoon, Big Bend will be closed from Forsyth to Wydown Boulevard. Forsyth also will close to all traffic at Asbury Avenue. Local traffic will be per- mitted on Forsyth between Asbury and Jackson Avenue.

In addition, access to the Danforth Campus will be severely limited Oct. 2. The only way to access the Danforth Campus on debate day will be to take Skinker to Brookes Drive. Traffic between Hoyt and Wallace on Forsyth will be limited to University traffic only. No traffic will be permitted between Hoyt and Skinker on Forsyth. Traffic in both directions will be blocked just west of Lot 54.

In older patients but also can occur in childhood and through- out life.

The most immediate danger from DVT is of clot breaking loose and moving to the lungs, a condition called pulmonary embolism that kills about 100,000 people each year. Complications from the con- tinued presence of the clot, known as post-thrombotic syndrome (PTS), occur in 50 percent of all DVT patients.

“PTS causes long-term chronic pain, edema, skin changes and difficulty walking,” Vedantham said. “This often leads to disabil- ity, is very costly and difficult to treat and significantly impacts quality of life. By removing the clot when it is first diagnosed, we can prevent permanent damage to the leg vein and thereby prevent PTS from occurring.”

Physicians tested clot-busting drugs on DVTs as early as the 1990s, but the approach was deemed unsafe because general administration of the drugs in cur- rently too much risk of bleeding. Radiologists can now popu- lates the clot, which is then embolized using a wire in the catheter turned into a balloon. The balloon is inflated to mash the clot to help break it up and allow the drugs to reach the clot.

Recent advances in clot-busting technology makes it possible not only to deliver clot-busting drugs directly to the DVT but also to mache the clot to help break it up and allow the drugs to reach the clot.

The ATTRACT trial at 28 clinical centers nationwide.

For the most recent informa- tion regarding the debate, visit debate.wustl.edu.

Debates Carry WUSTL ID at all times Oct. 1-2 — from Page 1

Debate

Carry WUSTL ID at all times Oct. 1-2 — from Page 1
Register for Freedom from Smoking classes

The fall session of Freedom from Smoking classes begins Tuesday, Oct. 7, at 5:30 p.m. in Brown 276.

The free, one-hour classes, open to all University employees, are held over six weeks in the Barnard Health and Cancer Information Center on the first floor of the Center for Advanced Medicine on the Medical Campus.

Participants in the classes will be able to purchase three nicotine replacement products.

You can register for Freedom from Smoking classes online, in person at the Box Office on the ground floor of the Center for Advanced Medicine, or by calling 938-3377.

For more information, contact Bob Jefvel at 362-8279.

Pulitzer Foundation, Brown school joint forces

The Pulitzer Foundation for the Arts and the George Warren Brown School of Social Work have announced a new partnership, through events, public programs and community projects, the Brown School and Pulitzer hopes to explore how social work and the arts interact in a meaningful way.

The first public event of the partnership is a street festival at Grand Center Park on Oct. 13 for the Pulitzer Foundation for the Arts. The festival celebrates "The Community Light Project," an initiative with the goal of bringing together people of all ages and interests around light, art and community.

The festival, free and open to the public, features activities for families and students of all ages and is designed to highlight the work of the CLP. The event also will include two performances: students will play percussion instruments they have constructed that will be used in the CLP, and students will perform the CLP's interactive and art projects with local playwrights.

The CLP involves art and music projects with elementary, middle and high schools as well as other institutions such as St. Louis Science Center and the Saint Louis Symphony Orchestra.

In addition to other programming, select artists will perform light installations in their individual schools and will work together to build a collaborative light installation that will be displayed in the Grand Ballroom of the Pulitzer Foundation Grand Center.

The free, one-hour classes, open to all University employees, are held over six weeks in the Barnard Health and Cancer Information Center on the first floor of the Center for Advanced Medicine on the Medical Campus. Participants in the classes will be able to purchase three nicotine replacement products.

To register for Freedom from Smoking classes online, in person at the Box Office on the ground floor of the Center for Advanced Medicine, or by calling 938-3377.

For more information, contact Bob Jefvel at 362-8279.

Pulitzer Foundation, Brown school joint forces

The Pulitzer Foundation for the Arts and the George Warren Brown School of Social Work have announced a new partnership, through events, public programs and community projects, the Brown School and Pulitzer hopes to explore how social work and the arts interact in a meaningful way.

The first public event of the partnership is a street festival at Grand Center Park on Oct. 13 for the Pulitzer Foundation for the Arts. The festival celebrates "The Community Light Project," an initiative with the goal of bringing together people of all ages and interests around light, art and community.

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Allan Doctor, M.D., always expected to work on the water. He loves the ocean so much that he began diving and writing about marine life as an undergraduate. He was premed in college, so he began his quest to restore potential in critically ill children.

Allan Doctor seeks to restore potential in critically ill children

"I had a difficult time choosing which specialty I wanted to pursue," Doctor says. "I really liked taking care of children, but I also enjoyed the challenge of adult critical-care medicine. While I was in school at the University of Virginia, pediatric critical care medicine had not yet fully developed.

During a rotation at the Children's Hospital of Pittsburgh, Doctor followed patients from the emergency room to the intensive-care unit. "The clouds parted, and I knew this is what I wanted to do," he says.

Because there wasn't a clear path from emergency medicine to pediatric critical care, Doctor worked with Harvard University and Children's Hospital Boston to create a custom program that entailed six years of training in general pediatrics, emergency medicine, and pediatric intensive care as well as a research fellowship.

"This was the kind of medicine I enjoy," he says. "There is so much potential in a child, and it is tragic when that potential is cut short by a serious illness. Training to restore that potential in very ill children is particularly fulfilling, and I knew that's what I wanted to do."

Doctor's patients range from newborns to 16-year-olds who are in the unit after organ transplants or failure, accidents, severe infections, cancer or any condition that requires close monitoring. "It is very fulfilling to see these children do well, which they do most of the time, thought it is very sad when they don't," he says. "At the same time, involvement in these challenging cases can be very meaningful when you see that the care they receive is making things better than they would otherwise. If we can't cure the problem, we can at least ease suffering or help the family cope with a devastating outcome, which can be just as important."

Seeking the root of a disorder

Doctor's research explores the control of blood-flow distribution in the body. "There is a very important efficiency in our circulatory system, where the blood-flow passages in areas in the body where there is specific demand and away from areas where there is not," he says. "Loss of control in this routing and disorders distribution of regional blood flow are signatures of early shock and organ failure. We're basically helpless in trying to deal with this, and I was seeing patients slip through our fingers because of this problem."

During his training in Boston, Doctor began studying abnormal regional blood flow in the lungs of children with severe infections and worked on a technique called liquid breathing, a form of artificial respiration in which a patient "breathes" an oxygen-rich liquid rather than air.

After completing his training, he joined the faculty at the University of Virginia (UVa) as a pediatric intensivist and went on to work in a laboratory studying how blood vessels get injured in the lung in early sepsis. His goal was to learn to hear a lecture by a visiting scientist about how signaling by red blood cells governs the redistribution in regional blood flow that occurs during sepsis.

As it turned out, the visiting scientist had a training at UVa, Benjamin M. Gaston, M.D., who was studying the impact of inflammation upon nitric oxide metabolism in the airway of asthmatic patients and the effect on airway smooth muscle. Doctor proposed that the same biochemical phenomenon may disrupt the control of vascular smooth muscle during systemic inflammation. He joined this lab and discovered that red blood cells are injured in these infections and that these abnormal red blood cells then interfere with normal vascular control and signaling in the lung microcirculation.

Gaston, now professor of pediatrics and pediatrics research, says the most remarkable thing about Doctor is his passion for science. "He is both a meticulous clinical participant and a high-energy scientist," Gaston says. "On a personal note, he has boundless energy and real desire to make an impact in the field — on behalf of children."

Doctor says he is grateful to have sufficient resources to both pursue bench science and develop pediatric critical care in clinical practice. "There are very few places where a laboratory can smoothly enough that a practicing intensivist can also pursue an investigative career, and that's another reason I wanted to come here," he says.

Doctor has a bit more convincing with his family, particularly his wife, Dahven White, and their children, who were very happy in Charleston, South Carolina. Doctor says St. Louis has exceeded his family's expectations. "We're thrilled to be here," Doctor says. "I miss living in the mountains and being near the coast, but it's more than balanced by easy access to fantastic parks, the ease of getting around the city, the welcoming community and great culture."

"Doctor has an air of authority, a professional demeanor, and a compassionate, caring approach," Schwartz says. "I would never feel out of place in a leadership position."

"医生" is the Chinese word for doctor, and it is commonly used in China. It reflects the respect the Chinese people have for doctors, who are considered as healers and protectors of health.

Washington University in St. Louis

Finding meaning in medicine

BY BETH MILLER

Washington University in St. Louis

"Mine just said 'A. Doctor,' so that's how they knew me," he says with a laugh.

The Doctor family: (from left) wife, Dahven White; children Moxie, 3, Reid, 10, and Chase, 8; and Allan.