William H. Danforth, chairman of the Board of Trustees, has been selected as the Commencement speaker for the University’s 1999 graduation, according to Chancellor Mark S. Wrighton. The 136th Commencement will be held May 14, beginning at 8:30 a.m., with the traditional academic procession into Brookings Quadrangle.

Danforth’s selection recognizes his half-century of service to the University — as a faculty member, medical administrator, chancellor and board chair — and the completion of his term as chair of the Trustees. "I think it is appropriate that he should address the students and the parents at this time of transition. He represents our past, present and future, and we will be rewarded by his continuing leadership role as a Life Trustee. I am personally grateful for the mentorship extended to me during my early years as chancellor," Wrighton said.

Danforth, who was chancellor from 1971 to 1995, will join other former board chairs as a Life Trustee of the University. These include Lee M. Liberman, chair from 1988 to 1993, and William M. Van Cleve, chair from 1993 to 1995. The nominating committee will bring the name of Danforth’s successor to the board during its meeting of the Board of Trustees for its action.

"One of the great opportuni- ties anyone could ever wish for is the honor of serving an institution," Danforth said.

Historic grant

By Linda Sale

The School of Medicine has been awarded the largest grant in University history. Robert H. Waterston, M.D., Ph.D., the James S. McDonnell professor and head of genetics, will receive a five-year $21.8 million grant from the National Human Genome Research Institute (NHGRI), including $38 million announced in March. The grant is part of a five-year federal allocation from the NHGRI to three institutions that are sequencing major portions of the human genome. The other two are the Whitehead Institute/MIT Center for Genome Research in Cambridge, Mass., and Baylor College of Medicine in Houston.

Waterston directs the medical school’s Genome Sequencing Center, a leader in the international Human Genome Project. "Bob Waterston, his staff and collaborators have implemented an outstanding program to define the sequence of human DNA with a high degree of accuracy and speed," said William A. Pock, M.D., executive vice chancellor for medical affairs and dean of the medical school. "The results will form the basis for hitherto unimagined medical progress." The human genome is all of the DNA in our chromosomes, and it contains the instructions that determine our appearance, physical attributes and susceptibility to disease. The human sequence itself will permit scientists to learn more about human development and disorders such as birth defects, psychiatric conditions and cancer.

"We are honored by the confidence in our abilities that has been shown by the NHGRI in making this award," Waterston said. "We are committed to working with the other labs to get this vital information out and available to researchers who are working on cures for diseases in humans and other organisms.

In collaboration with the Sanger Centre in Cambridge, England, Waterston directs the medical school’s Genome Sequencing Center, a leader in the international Human Genome Project. "Bob Waterston, his staff and collaborators have implemented an outstanding program to define the sequence of human DNA with a high degree of accuracy and speed," said William A. Pock, M.D., executive vice chancellor for medical affairs and dean of the medical school. "The results will form the basis for hitherto unimagined medical progress." The human genome is all of the DNA in our chromosomes, and it contains the instructions that determine our appearance, physical attributes and susceptibility to disease. The human sequence itself will permit scientists to learn more about human development and disorders such as birth defects, psychiatric conditions and cancer.

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New Stanley Elkin humanities chair goes to Steven Zwicker

By Lisa Ottewill

Steven N. Zwicker, Ph.D., professor of English, has been named the first Stanley Elkin Professor on the Humanities in Arts and Sciences. A formal installation ceremony will take place next fall.

"Professor Zwicker is an internationally recognized scholar, an outstanding teacher and a valuable University citizen," said Edward S. Macias, Ph.D., executive vice chancellor and dean of Arts and Sciences. "He has contributed to University teaching in every aspect of its mission and purpose."

The Elkin Professorship honors the late scholar and novelist Stanley Elkin, Ph.D., the Merle Kling Professor in the Humanities faculty.

Professor of Modern Letters at the University, where he served on the faculty for 35 years. The professorship was created as a result of a 1997 gift to the University from the Danforth Foundation to support professorships in the humanities. It is the second of four such chairs to be named in honor of distinguished individuals who have served on the University’s humanities faculty.

For the English department, there is a special reason to celebrate. See Zwicker, page 2

Fostering diversity in St. Louis

Larry Davis named to new Lee professorship

By Gary Eversing and Barbara Rea

In an April 15 ceremony in Holmes Lounge, Larry E. Davis, Ph.D., professor of social work at the George Warren Brown School of Social Work, was installed as the first E. Desmond Lee Professor of Racial and Ethnic Diversity at Washington University.

The endowed chair is made possible by a $1.5 million gift from E. Desmond Lee, philanthropist and retired businessman, who organized the professorship to foster racial, ethnic and cultural diversity in the St. Louis community.

"It is hard to find the words to express our gratitude for Dr. Lee’s significant support to Washington University and the St. Louis community," explained Chancellor Mark S. Wrighton.

"His gifts have been extraordinary and imaginative and show a deep concern for his community and those who love about this community: the civic, cultural, and educational institutions that make the St. Louis area unique." William H. Danforth, chairman of the Board of Trustees, said.

"It is an exceptional honor for me to be an integral part of the University of Missouri-St. Louis and to help strengthen the University community," said Davis.

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RECORD

Washington University in St. Louis

Zwick

Named to new Elkin humanities professorship

from page 1

Steve Zwick to this chair said Miriam L. Bullin, Ph.D., associate professor and department chair. "Not only is Steve a most deserv-
ing recipient of the honor, but the chair also bears the name of his, and out, distinguished colleague and friend, Larry Davis. We are grateful to the Danforth Founda-
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petitions of both of these men."

Zwick received a bachelor's degree in English from the University of California, Los Angeles, in 1980. He received a master's degree in 1964 and a doctorate in 1969, both from Brown University. He came to Washington University in 1969 as an assistant professor of English, and in 1983 became a full professor and department chair. He held until 1988. A scholar of 17th-century English literature, Zwick is an expert on Restoration-era literature and politics. He is the author of "Lines of Authority: Political and Literary Culture in Early Modern England, 1649-1689" (1993); "Politics and Language in Dryden's Poems" (1984); and "Dryden's Political Poetry: The Typology of King and Nation" (1972). He has edited four volumes and pub-
lished more than two dozen essays in several national and world-recognized journals, including in the United States, England, Australia, Italy and Japan.

Steve Zwick has long been a leader in establishing international arts and humanities teaching and research programs in the humanities, at both the undergraduate and graduate levels, and has collaborated extensively with historians of early modern England. In 1973, Zwick— together with Richard W. Davis, Ph.D., and Gerald E. Izenberg, Ph.D., both professors in the Department of English and the Arts and Sciences— created the Literary and Historical Investigation of the American Revolutionary Periods (1973) and co-founded the Lee-Rowan Center. He has written extensively on issues facing black fathers. His most recent book, "Creating Legacy: Understanding Fathering" (2004), was published by the Pennsylvania State University Press. Zwick is currently a professor and chair of the English Department at Washington University.

Stanley Elkin was the author of 17 books, including three volumes of novellas, one book of short stories, one collection of essays and two published scripts. Elkin's novel "George Mills" won the 1982 National Book Critics Circle Award in the fiction category. He was elected a member of The American Academy of Arts and Letters that same year. His last novel, published posthumously, was the "Alan King and Nation" (1972). He has edited four volumes and published more than two dozen essays in national and world-recognized journals, including in the United States, England, Australia, Italy and Japan.

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Advanced imaging
Comments are mixed on the usefulness of functional magnetic resonance imaging (fMRI) in helping surgeons figure out which parts of the brain to remove from patients with epilepsy.

By Barbara Roter

I think it's tough to coax a child into a fMRI scanner. Getting a haircut, imagine asking a youngster to be immobilized for weeks at a time, and then to take language and memory tests at the same time. That's what School of Medicine researchers were trying to do when they wanted to obtain brain images from 17 children and teenagers. They were trying to study the developing brain. The findings also bring hope that neurosurgeons can use fMRI as a noninvasive way to identify language regions in youngsters' brains that need to be avoided during brain surgery. And the findings help us understand how children already use the same side of the brain for different language tasks that most adults use.

Collectors of neurons in certain areas of the brain allow us to speak and understand language. These areas occur in both the left and right hemispheres of the brain. Most people rely primarily on areas in the middle of the left hemisphere for language. The same area that is not used in the签署中。Corbetta and colleagues at Washington University in St. Louis, E. Mark Haacker, Ph.D., professor of psychiatry and radiology, Lee, M.D., and his colleagues at the medical school. "We found that language was lateralized to the left hemisphere even in children as young as 7 years old," said Lee. He is an associate professor of pediatricians and of radiology.

Corbetta to study brain's control over what we notice

Marino A. Corbetta, M.D., assistant professor of neurology, of radiology and of anatomy and neurobiology, has received a five-year, $1.7 million grant from the National Eye Institute to study the brain's control over what we notice. When we enter a gallery, for example, we typically spot the most colorful painting. But if we look closer, we may find a simpler painting and know its location on closer study. Corbetta and colleagues will determine how the brain controls what we notice when we look at a scene.

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School of Art marks 70 years of fashion at May 2 event

A model displays a gown by Nada Tindall, a senior in the School of Art's Fashion Program, part of a school's 70th Annual Fashion Show, which takes place at the Saint Louis Galleria May 2.

Runaway Technologies • Transfusion Medicine • Safe Food

Runway Technologies • Transfusion Medicine • Safe Food

Films

Thursday, April 22

8 p.m. Chinese Film Series. "Shanghai Trout." Room 219 Ry薪 Hall. 935-0156.

Friday, April 23

7 and 9:30 p.m. FilmScreen Feature Series. "The Wedding Singer." Also April 24, same time, and April 25, 7:30 p.m. in Brungs Auditorium. 935-6001. Room 202 Goldfarb. "The Great Gatsby." 8:30 p.m. in the Steinberg Hall Aud. 935-4636.

Midnight. FilmScreen Midnights Series. "Fast Times at Ridgemont High." Also April 24, same time, and April 25, 9:30 p.m. in Brungs Auditorium. 935-6001. Room 202 Goldfarb. 11:30 p.m. "Hitchcock Midnight: "Notorious." In the Steinberg Hall Aud. 935-4636.

Lectures

Thursday, April 22

11:30 a.m. Systems science and mathematics seminar. "Systems Control: Chaotic Links Can, by ... Science, Room 101 Cappios II Hall. 935-6501.

Friday, April 23

9 a.m. Art and Image Seminar. "Frocks. Vision, visual communications, ... Hall. 935-6842.

4:30 p.m. School of Architecture Forum for Contemporary Art Lecture. Brad Choinski, vice president of the National Endowment for the Arts, will lecture on the recent work, Steinberg Hall Aud. 935-9090.


April 24

9 a.m. "Hitchcock Midnight: "The Birds." In the Steinberg Hall Aud. 935-4636.

3-4 p.m. "Great Gatsby." In the Steinberg Hall Aud. 935-4636.

4 p.m. Chemistry seminar. "Use of Styryl Dyes to Monitor Exocytosis, by Dominic Bertani of the Saint Louis University and the Galleria. This year marks the fifth year of collaboration between the University and the Galleria. This year marks the fifth year of collaboration between the University and the Galleria. This year marks the fifth year of collaboration between the University and the Galleria. This year marks the fifth year of collaboration between the University and the Galleria.

5 p.m. Biology symposium. "Society for the Protection of Endangered Species." "A lot of careers have been launched at the show," Singleton added. "Students are often hired on the strength of their signature collections. The Fashion Show is organized by a committee of volunteers and chaired by Susan Block, a 1976 graduate of the fashion program. "This is going to be something special," said Richard Singleton, assistant professor of art and coordinator of the fashion design program. "Seventy years is a milestone, and we're going to celebrate it in all the detail and ceremony that demands. This year's show will include our first retrospective," Singleton added. "We picked some of our alums to pull out things they did as students. It should be a real spectacle, a clash of fashions and generations — a clash of classes." The show also features dozens of outfits, ranging from dresses and ball gowns to sportswear and coats. There will be, by the program's eight seniors and seven juniors. As always, the show's highlights are the seniors' signature collections, in which each student creates a consistent, fully realized body of work.

People have this notion of creativity as doing whatever you want to do — they're wrong," Singleton explained. "Creativity is doing what you want to do with the limits of the project. Before going on their signature collections, students designed the clothing first, then figured out who it was for afterward. Now we're going to figure out who the customer will be — their age, price range, size range, so that the final product creates an entire collection for them."

program includes a variety of scholarships, cash prizes, and an opportunity for students to earn a 1976 graduate of the fashion program. "This is going to be something special," said Richard Singleton, assistant professor of art and coordinator of the fashion design program. "Seventy years is a milestone, and we're going to celebrate it in all the detail and ceremony that demands. This year's show will include our first retrospective," Singleton added. "We picked some of our alums to pull out things they did as students. It should be a real spectacle, a clash of fashions and generations — a clash of classes." The show also features dozens of outfits, ranging from dresses and ball gowns to sportswear and coats. There will be, by the program's eight seniors and seven juniors. As always, the show's highlights are the seniors' signature collections, in which each student creates a consistent, fully realized body of work.

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Giving students a taste of public art

By Lani Otten

S

o where does art come from? Whence?

Creativity? From the imagination. That's

much renowned the name. The mystical

chaotic loam popularly deemed "imagination.

Well, perhaps while such

creative process is

in some way an artist with the germ of an idea

the work of cultivating that germ into

a full-fledged creation is like

more arduous and complicated than

the work of planning, refining,

designing, constructing. That's
difficult for the relatively autonomous

studio artist, imagine the chal-

lenge for the public artist, who

must do all of the above while also

having to market and sell the support of public officials.

Such is the task posed by the School of Art's annual University City Sculpture Series, now in its 13th year. The program, spon-

sored by University City, the Regional Arts Commission and the University City Municipal Arts Commission, requires students to meet with local officials, choose sites, design projects and submit proposals. If

their proposals are selected for funding, the students then have the opportunity to install their works in the parks, courtyards, libraries and other public spaces of Washington University's neighbor to the north.

"It's a real year-long process," said freshman Ann Roll and Leslie Silverstein made 3,000 pencils and went door to
door, giving them away. For

another project, junior Ann Britton created beanbag chairs for the public library's Children's Room. Senior Tina Morrow, involved youngsters at the University Elementary School, who created fabric illustrations for the story "Tar Beach," which Morrow then stitched into a quilt.

"From the artist's point of view, there are several ways to look at public art," Ward-Brown con-

cluded. "Artists can adapt their ideas to a site, a budget and a deadline. Many times the artist's concepts are inspired by the site--

itself--by its physical characteristics. In historical significance as well as issues of safety and preservation, artists choose kinds of components then combine to create the sculpture. It's a challenge to bring together these two levels while new kinds of creativity in our students."

Washington, April 28

8 a.m. Earth Week event. "Ogoni Cultural Place. 454-6006.

1 p.m. Piano recital. Students of Kathy Kuzmich, applied. Room 550-5974

3 p.m. Mu Sigma Epsilon. Dar Preparad, dir. Student Union Club, 935-8451

Tuesday, April 27

9 a.m. Earth Week panel discussion. "Safe Food, Food for All." Education seminar. "Oncology in the New Millennium." (Also April 24, same time) Erin Neuweiler, Education Center. Register, call 362-6975.


10 a.m. Re: Vermont's Ethan Allen Homestead. "Janet Remington.

1 p.m. Hearing loss education meeting. "Deafness in the New Millennium." (Also April 24, same time) Erin Neuweiler, Education Center. Register, call 362-6975.

3 p.m. School of Architecture-and-design school meeting. Dean Cynthia Weese and faculty. Room G38 Goldfarb Hall. 935-5687.

4 p.m. Earth Week event. "Winning Earth Day 2000." Cupples I Hall. 977-8165.

Washington, April 28

7:30 p.m. Festival reading group meeting. "Jewish Fiction: Wind, Earth, Spirit." Reading Room. 201 University Center. 1050 S. Euclid Ave. 771-8165.

Saturday, May 1

9 a.m. STACY class lecture and discussion. "Bridging the Android-Experience gap." Visual artists. Cupples I Hall. 977-8165.

Fifteen-year-old George Steinhards of Ladue examines "A Sun-Dial of Forms," a sculpture by junior Kevin Durning, in the University City Post Office, at the corner of Delmar Boulevard and Trinity Avenue. The work is part of the School of Art's University City Sculpture Series, which remains on view through May 12.

Music

Thursday, April 22

8:30 p.m. Student recital. Graham Chapel.

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April Welcome

Alexandra Carroll of Washington, D.C., and Aaron Rosenstock of Summerville, N.J., build towers with straws and marshmallows at the Engineering Olympics, part of the annual Undergraduate Admissions Office's monthly April Welcome program for prospective students.

HONORARY DEGREES

Political leader, scientist, philanthropist to be honored

C ommitment to community, breakthroughs in medicine and efforts in politics and education are among the attributes exemplified by prominent leaders who will deliver the commencement address and receive honorary degrees during Washington University's 136th Commencement May 14. The University also will bestow academic degrees on some 2,500 students during the ceremony, which begins at 8:30 a.m. in Brookings Quadrangle.

William H. Danforth, former chancellor and retreating chair of the Washington University Board of Trustees, will deliver the commencement address. In addition, philanthropist Alvin Goldfarb, Philip Needleman, Ph.D., president of G.D. Searle; and former Congresswoman Patricia Scott Schroeder will receive honorary degrees.

[Editor's Note: See separate story on page 1 about William H. Danforth.]

Alvin Goldfarb is the retired president of Worth Stores Corp., a St. Louis-based retailer of ladies' apparel, and the Alvin Goldfarb Foundation. Goldfarb earned a bachelor of business administration from the University in 1957 and began a retailing career that would take him to the top of Worth's. He and his family have been generous benefactors of the University and many charitable and religious organizations in the community.

His late wife, Jeannette Rudman Goldfarb, graduated from the University's George Warren Brown School of Social Work in 1936 with a master of social work degree and went on to complete her fieldwork in St. Louis. The Goldfars had three children: a daughter, Jane, who in 1963 graduated of Washington University's School of Business who lives in St. Louis, and two sons, James and Robert, both of New York City. He is a grandfather to four grandchildren.

Goldfarb's leadership skills and generosity have benefitted the Jewish Foundation of St. Louis, where he has served as director and also as campaign chairman. He is also past chairman of the Israel Emergency Fund.

Goldfarb is a man of vision who has shown extraordinary generosity toward the University. He and his wife were founding sponsors of the Scholars in Business Program in the John M. Olin School of Business. The Alvin and Jeannette Goldfarb Plant Growth Auditorium at the William D. McDonnell Hall of Science houses the George Warren Brown School of Social Work's plant growth department.

In 1996, the School of Social Work recognized Goldfarb's many contributions by awarding him the Distinguished Alumni Award. In recognition of his key role in building the University's social work program in the 21st century, he will receive an honorary doctorate in humanities.

Philip Needleman, Ph.D., chaired the School of Medicine's Department of Pharmacology from 1976 to 1989 and is now chief scientist at Monsanto Co. and president of G.D. Searle, Monsanto's pharmaceutical sector. As adjunct professor of molecular biology and pharmacology, he maintains close ties with the University, where he was elected Basic Science Teacher of the Year five times during his 22 years on the faculty.

Needleman made news last month when he and Manual S. Lerner, the Drug Administration approvedCelebrex, a new pharmaceutical drug— the COX-2 inhibitor that he conceived at the medical school and developed at Monsanto. As well as being a leading expert in inflammation, he is recognized worldwide for his work on blood pressure regulation and the discovery of molecules that convey information from the heart to the kidneys.

Born in Brooklyn, N.Y., Needleman obtained both a bachelor's degree in pharmacy in 1960 and master's degree in pharmacology in 1962 from the Philadelphia College of Pharmacy and Science. He earned a doctorate in pharmacology from the University of Maryland Medical School two years later.

Needleman's first studies focused on the enzymatic breakdown of blood platelets. He continued his work after moving to Washington University School of Medicine in 1964. This early research revealed that nitric oxide, which was taken by mouth for angina, is completely cleared by the liver before it can circulate around the body. As a result, these animals rapidly became resistant to the effects of nitric oxide, allowing it to enter the bloodstream directly.

Metabolites of nitric oxide then became a major focus of his lab. He studied the mechanisms by which the kidney and heart and explored their contributions to inflammation and cardiovascular disease. In 1990, Needleman and other researchers cloned the second enzyme, confirming that COX-2 is responsible for the prostaglandins involved in inflammation and tissue injury. In 1989, Needleman's experiments predicted that a key enzyme, COX-2, would be the future of anti-inflammatory drugs.

Needleman was elected to the National Academy of Sciences in 1987 and to the Academy of Medicine in 1993. He received Washington University's Distinguished Faculty Award on Founders Day in 1987 and a Second Century Award in 1994. In recognition of his contributions to science, health and medical education, he will receive an honorary doctorate in science from Former Congresswoman Patricia Scott Schroeder, whose 24 years in office made her the longest-serving woman in the House of Representatives. It is renowned for her outspoken, independent leadership in the House of Representatives and the Democratic Party. A champion of women and children in the workplace, Schroeder is recognized for her leadership in areas including foreign and military policy, educational opportunities and women's rights.

Schroeder left Congress under extraordinary circumstances, currently serving as president and chief executive officer of the Association of American Publishers, Inc. (AAP), the national trade organization of the book publishing industry. She has served as a member of the Board of Trustees of the First Congressional District of Colorado. Schroeder is the author of two books, "Champions of the Great American Family" and "24 Years of Congress: Good, Bad, and Still a Mess," an autobiography about "her struggle to find her place in the nation's most dominated world of politics." Schroeder graduated magna cum laude from the University of Minnesota. She went on to Harvard Law School. A member of only 15 women in a class of more than 500, Schroeder received her law degree in 1964, with her husband, James, at the University, where she worked as a field attorney for the National Labor Relations Board and later went into private practice.

She challenged the incumbent Republican for the First Congressional District, Rep. James B. Renard, and won by 4,972 votes in 1972. She was reelected in the following years.

In 1996, Schroeder was the running mate in the first Democratic ticket to challenge the incumbent Republican for the First Congressional District, Rep. James B. Renard, and won by 4,972 votes in 1972. She was reelected in the following years.

As chair of the House Select Committee on Children, Youth and Families from 1991-93, Schroeder saw the Family and Medical Leave Act and the National Institutes of Health Revitalization Act to fruition. She was a key instrument in the passage of a block grant program for health care for school-age children, she also authored and helped pass into law the Violence Against Women Act, the Child Support Responsibility Act, the Medicare Catastrophic Coverage Act of 1988, the National Child Protection Act. She sponsored legislation on domestic violence, legalization of abortion and sponsored legislation making it a federal crime to obstruct access to abortion clinics.

Schroeder ran in major investigative efforts, including the National Security Act and the Antideficit Action Act. She also authored and added to the Women's Health Initiative Act of 2000, and advocated for stronger crime laws through passage of her Military Family Advocacy Act.

In recognition of her support for women and children, and her role championing education and free medical care for women and children, she also authored and passed into law the Violence Against Women Act, the Child Support Responsibility Act, the Medicare Catastrophic Coverage Act of 1988, the National Child Protection Act. She sponsored legislation on domestic violence, legalization of abortion and sponsored legislation making it a federal crime to obstruct access to abortion clinics.

The following incidents were reported to University Police from April 13-14. Readers with information that could assist in investigating these incidents are urged to call 935-5555. This release is printed as a public service to promote safety awareness and is available on the University Police Website at www.wustl.edu/wupd.

April 14

3:10 p.m. — A Campus Y staff member reported that someone stole a computer and monitor, valued at $730, from Umlauf Hall.

April 18

12:30 a.m. — A University shuttle bus was involved in an accident at the intersection of Marion and Skinker boulevards. The drivers of both vehicles were treated at local hospitals for minor injuries.

CAMPUS WATCH

April Welcome

Alexandra Carroll of Washington, D.C., and Aaron Rosenstock of Summerville, N.J., build towers with straws and marshmallows at the Engineering Olympics, part of the annual Undergraduate Admissions Office's monthly April Welcome program for prospective students.
Engineering school to honor eight distinguished alumni

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The School of Engineering and Applied Science will honor eight distinguished alumni Wednesday, April 28, at its 25th Annual Alumni Achievement Awards Dinner.

The event, to be held at the Chase Park Plaza's Starlight Roof, will begin at 6 p.m. with cocktails, followed by the dinner and presentation of the awards program at 8 p.m.

Christopher J. Byrnes, Ph.D., dean of the engineering school, will present the awards along with Carnegie Hall's David Geffen, the president of the school's Alumni Advisory Board.

To be honored are:

- Tom Clemens, former head volleyball coach
- Greg Georgitsis, founder of the American Can Company
- Robert Deisenroth
- Mark Geisinger
- Thomas Huser
- Lue-Hing
- Anthony Wiese
- Julian Lynn

Clemens, born in 1940, received his bachelor's degree in electrical engineering from the University of Illinois in 1962. He served as the head volleyball coach at Washington University from 1973 to 1986, when he was named the NCAA Division III Coach of the Year.

Clemens' Bears program won an NCAA championship in 1982, the school's first, and the NCAA title in 1985, Clemens made good on her promise of leading the Bears to NCAA glory. In 1984, Clemens was named the NCAA Division III Coach of the Year for her accomplishments in the middle of the Bears' NCAA dynasty that extended itself to 1989.

Clemens' Bears finished with a .873 winning percentage in the NCAA title run, and she was named the NCAA Division III Coach of the Year for her accomplishments in the middle of the Bears' NCAA dynasty that extended itself to 1989.

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Randall R. Odem, M.D., directs cutting-edge infertility program

By Linda Sage

Associate professor of Obstetrics and Gynecology and Director of the Division of Reproductive Endocrinology, Odem intends to become an obstetrician. But instead of bringing babies into the world, he helps usher them into the womb.

"It's very rewarding when people who have had longstanding fertility problems or lots of miscarriages or have "lost a baby," said Odem, who relishes the "humane program, which is always a fine line when you are dealing with any new technology."

Randall R. Odem, M.D., views an ultrasound image revealing a twin gestation result from in vitro fertilization.

"It's very rewarding when people who have had longstanding fertility problems or lots and lots of miscarriages have a baby," said Odem, who relishes the baby pictures and birth announcements. He even gets Christmas cards from couples with twins.

Choosing obstetrics

Odem decided on obstetrics and gynecology during his third year of medical school in 1979, attracted to its mix of surgery and medicine. He chose reproductive endocrinology because the field had a growth spurt at that time. The first test-tube baby, Louise Brown, was born in 1978. American successes followed in the early 1980s, while Odem was a resident at the University of Illinois at Chicago.

"The medications we use for ovulation were just starting to undergo a series of changes that continue to this day," Odem explained. "And a lot of surgical techniques that are commonplace now were just starting to come of age. But what really appealed to me is that reproductive endocrinologists have the opportunity to do something very special for people. Many of our patients have been trying to have a family for a long time. In most instances, they come to see us as husband and wife, but when they leave, they are destined to be a family."

Family is a major theme in Odem's life. In 1981, he married Kathryn Luebbert, then an intensive care nurse. And Odem himself was one of three siblings. "Nicholas, 13; Brian, 11; and Matthew, 7. And Odem himself was one of three siblings. In his hometown of Park Ridge, Illinois, his father, a laborer in a grocery warehouse, and his mother, a bookkeeper, "gave us strong encouragement to study so that we could work with our minds instead of our back."

In high school, Odem decided to become a physician, joining the Medical Explorer Post, an advanced unit of the Boy Scouts movement. At the University of Iowa, his undergraduate education and part of medical school were two- to three-year scholarships funded by physician philanthropist Walter E. Neiswanger, M.D.

"This was a major event in my life," Odem said. After completing his residency in Chicago in 1985, Odem came to the medical school faculty as an instructor in obstetrics and gynecology. He joined the faculty as an instructor in obstetrics and gynecology in 1986. James L. Schreiber, M.D., professor and head of obstetrics and gynecology, said Odem is a good surgeon, a good teacher, a good clinician and a good administrator. "He's smart, he's funny, he's charming, he's honest, and a class act."

Looking ahead

Now that the center is in place, Odem can look ahead. He's excited about preimplantation genetic diagnosis, which aims to improve IVF by identifying embryos free of known disease genes. This technology will help couples who decide they do not need carriers for disorders such as Tay-Sachs disease or cystic fibrosis, for example. It should also help older couples. "One of the reasons why their pregnancy rates are so high is that a lot of their embryos are genetically abnormal," Odem predicted. "In the future, we will be able to avoid using embryos with obvious abnormalities that would lead to failure of conception or to miscarriage."

"Odem predicted. Surgical and drug treatments will become more selective, too. "We will be able to tailor treatments more appropriately to different abnormalities," Odem said. "The more precise we can be, the more the success rate will improve."

Randall R. Odem, M.D., views a twin gestation result from in vitro fertilization.