UNIVERSITY OF ILLINOIS | Always Thinking
CHICAGO • SPRINGFIELD • URBANA-CHAMPAIGN

More Good Works

A State of the University Report 2004

from James J. Stukel

Student Awards

Churchill scholarship:
David Smyth, Urbana-Champaign

National Security Education scholarships:
Brian Richey, UIC
Scott Wilson, UIC
Nathaniel House, Urbana-Champaign
Brian Phillips, Urbana-Champaign
Aisha Williams, Urbana-Champaign

Fulbright grants:
David Boren, UIC
Anagha Loharikar, UIC
Joanna Michel, UIC
Kathleen Odell, UIC

USA Today's 2003 All-USA College Academic First Team:
Rena Patel, UIC
Michelle Gentille, UIC

Gates Cambridge scholarships:
Rena Patel, UIC
Michelle Gentile, UIC
Jennifer Ifft, Urbana-Champaign
Harish Agarwal, Urbana-Champaign
Christopher Michael, Urbana-Champaign

National Science Foundation Fellowship:
Claudya Pahola Arana

How others see us

According to April's *Entrepreneur* magazine, UIC is among the top U.S. colleges and universities for entrepreneurs. The magazine's inaugural list checked out more than 700 academic entrepreneurship programs and ranked the top 100. Among programs serving students regionally, UIC was nationally ranked second by alumni and fourth by peer entrepreneurship center directors. UIC's entrepreneurship program offers an MBA concentration, an undergraduate program in entrepreneurial studies and Ph.D. coursework.

UIS has the second-highest academic profile of first-year students among Illinois' 12 public campuses.

The 2004 *Fiske Guide to Colleges*, released in fall '03, rates the Urbana-Champaign campus as one of the 43 "best buys" based on quality and cost.

For FY02 the National Institutes of Health funding at the UIC College of Applied Health Sciences ranked 4th among U.S. institutions; College of Dentistry, 16th; College of Nursing, 3rd; Pharmacy, 6th; and School of Public Health, 15th. The department of bioengineering ranked 57th. The College of Medicine ranked 47th, 20th among public institutions.

The second-year return rate for first-year students at UIS exceeds 85 percent, the highest among Illinois' 12 public campuses.

Urbana-Champaign's graduate program in engineering ranks 4th in the country, and its undergraduate program is tied for 5th, according to *U.S. News & World Report*.

More than 60 graduate programs and specialty areas at Urbana-Champaign rank in the top 25 in the country, according to *U.S. News & World Report*.

UIS's management information systems, clinical laboratory science and teacher education programs boast nearly 100 percent job placement rates.

Three international studies centers at Urbana-Champaign are highly ranked by the U.S. Department of Education: Center for African Studies is ranked 1st; Center for Latin American and Caribbean Studies 2nd, and Russian and East European Center 4th.

Success Magazine ranked UIC's College of Business Administration 3rd in *"Top Business Schools for Entrepreneurship."*

The Urbana-Champaign campus ranked 18th of all universities in the nation in spending on research and development in science and engineering in 2001, $391 million.

Kiplinger's Personal Finance ranks the Urbana-Champaign campus eighth in its *"100 Best Values in Public Colleges"* for 2002.

U.S. News & World Report ranked the UIC master's program in nursing 8th and nursing midwifery 3rd. Among specialty programs, the family nurse practitioner program is ranked 9th, the community/public health program 5th, the nursing adult/medical surgical program 6th and psychiatric and mental health tied for 9th.

U.S. News & World Report rates the Urbana-Champaign campus 10th among public national universities that grant doctoral degrees.

Rankings by the National Science Foundation put UIC among the top 50 universities for federal research expenditures, surpassing several Big 10 universities. The campus moved up to 48th in the nation with about $125 million in federal research expenditures for FY 2001.

In its most recent ranking of library and information science programs, *U.S. News & World Report* puts Urbana-Champaign top in the nation.

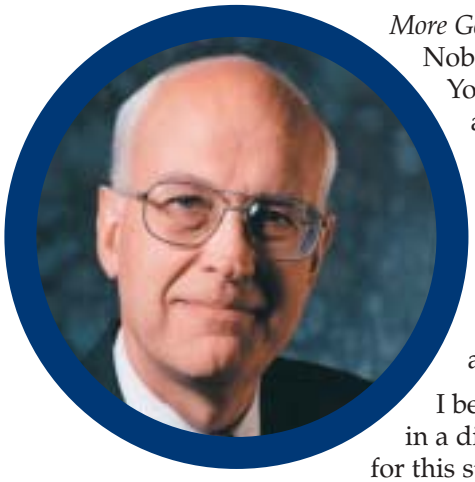
The College of Urban Planning and Public Affairs at UIC was tied for 16th by *U.S. News & World Report* for city management and urban policy programs.

U.S. News & World Report ranks many undergraduate programs at Urbana-Champaign in the top 25 in the country (2004): accountancy 1st, aeronautical engineering 7th, agricultural engineering 2nd, business management 13th, chemical engineering 9th, civil engineering 2nd, computer engineering 5th, electrical engineering 4th, environmental engineering 3rd, finance 11th, industrial engineering 12th, insurance/risk management 5th, management information systems 18th, marketing 10th, materials science 1st, mechanical engineering 5th, nuclear engineering 5th, production/operations management 20th and real estate 7th.

UIC's total R & D expenditures — which include state, local, private and institutional funding as well as federal dollars — was $233 million in FY01, putting it at 46th in the nation, up three places from the previous year.

Dear Friends of the University:

Year after year, faculty, staff, students and alumni of the University of Illinois show how remarkable and accomplished they are.



More Good Works samples their honors and achievements over the last year—including two Nobel prizes—and constitutes one of my periodic reports on the state of the University. You can be sure that behind all the abbreviated mentions are hard-working, creative and enthusiastic men and women whose notable breakthroughs, professional leadership or obvious promise lead others to acknowledge and honor them.

The University, of course, basks in their reflected glory. We are proud they are in the Illinois family and believe our creating a supportive, stable and exciting environment for learning and discovery is partly responsible for their success. This environment is the product of decades of investment in the basics: fine colleagues, challenging students, rich libraries, contemporary labs that help feed the intellectual curiosity and drive so common to our most exemplary teachers, scholars and researchers.

I believe that *More Good Works* can serve as an antidote against pessimism easily formed in a difficult fiscal environment. We have leaned into the wind—the only possible posture for this state's largest, deepest and best public university. The following pages are the proof.

As always, I welcome your comments at uipres@uillinois.com

James J. Stukel
President

More Good Works

Public art project

A spectacular new public art project is scheduled to open in 2004 on the Chicago campus. ***UIC skyspace***, by celebrated American artist James Turrell, will be located in the newly created Gateway Plaza on the South Campus. The structure, a large-scale freestanding elliptical form, is a chamber for viewing the complex interplay of sky, light and atmosphere.

Emmy award

The WILL-TV performance documentary, "The Song and the Slogan," won the 2003 Emmy Award for best music from the National Academy of Television Arts and Sciences Mid-America Chapter. Produced by WILL-TV's ***Tim Hartin*** and featuring music sung by alumnus Jerry Hadley, the documentary incorporated a musical adaptation of Carl Sandburg's poem "Prairie" written by composer Daniel Steven Crafts.

Timothy Keiderling

Guggenheim awards

Three faculty have won fellowships from the New York-based John Simon Guggenheim Memorial Foundation. They were among 184 American and Canadian artists, scholars and scientists selected from more than 3,200 applications.

Timothy Keiderling, a professor of chemistry at UIC, is doing research that may yield clues to the protein-folding disorders that underlie Alzheimer's disease.

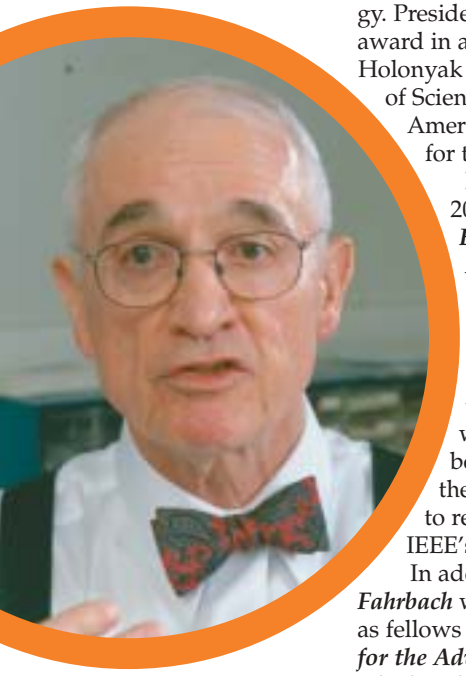
At Urbana-Champaign, ***Sheldon H. Jacobson***, a professor of industrial engineering, Willett Faculty Scholar and director of the Simulation Optimization Laboratory, works with aviation security problems and solutions.

And ***Gene E. Robinson,*** a professor of entomology and the director of the neuroscience program, was honored for his work with genes and social behavior.

Academy Award in Literature

An associate professor of English at UIC, ***Anne Winters,*** received the 2003 Academy Award in Literature from the American Academy of Arts and Letters. Winters was one of eight people chosen this year for the honor, which recognizes outstanding achievement in the arts.

More Good Works



Nick Holonyak's Year

Nick Holonyak Jr., a John Bardeen Professor of Electrical and Computer Engineering and Physics at Urbana-Champaign, has been awarded a ***National Medal of Technology,*** one of the highest honors for work in technology. President George Bush presented the award in a White House ceremony. Holonyak received a National Medal of Science in 1990. He is one of 13 Americans to have won both medals for technology and science.

Holonyak also received the 2003 ***Institute of Electrical and Electronics Engineers Medal of Honor*** for a career of pioneering contributions to semiconductors and to visible light-emitting diodes and injection lasers. The IEEE is the world's largest technical professional society, with more than 377,000 members worldwide. Holonyak is the fourth Illinois faculty member to receive the Medal of Honor, IEEE's highest award.

In addition, Holonyak and ***Susan E. Fahrbach*** were among 291 people selected as fellows of the ***American Association for the Advancement of Science.*** AAAS, which publishes the journal Science, is the world's largest general scientific society, with 134,000 members. Fahrbach is a professor of entomology and director of the campus Howard Hughes Program for Undergraduate Education in the Life Sciences.

Susan E. Fahrbach

Holonyak also received the 2003 ***Global Energy Prize*** from Russia. He shared the $900,000 prize with two others. The award recognizes Holonyak for his "contribution to the development of power silicon electronics and invention of the first semiconducting light-emitting diodes in a visible part of the spectrum." This work helped to create efficient, energy-saving technologies.

Carnegie scholar

Michael Loui was one of 26 faculty members nationally named a Carnegie Scholar by the Carnegie Academy for the Scholarship of Teaching and Learning. Loui is a professor of electrical and computer engineering at Urbana-Champaign. For his Carnegie Scholars project, Loui will examine how ethics courses and seminars affect the professional identities of engineering students.

Speech and debate success

For the second year in a row, the Forensics (speech and debate) Team at Springfield placed among the top competitors at the Pi Kappa Delta National Forensics Tournament. The team earned an overall rating of "excellent" in both debate and speech events, and members received a number of individual awards. ***Nicholas Roman,*** a first-year student, placed first in after-dinner humorous speaking.

Bella Abzug Woman of Honor

Beth Richie, head of African-American studies at UIC, was honored in September with the "Bella Abzug Woman of Honor" award from the Chicago chapter of the National Organization for Women for her work on incarcerated women and the role violence plays in their lives. Richie, author of "Compelled To Crime: the Gender Entrapment of Battered Black Women," is researching several areas, including incarcerated women who experience domestic and sexual violence.

IBM gift

Thanks to an equipment gift from IBM, patrons at the ***Urbana-Champaign library*** can view rare and fragile materials through two high-resolution monitors. The new IBM monitors can display images at a quality comparable to the original document. The library's preeminent collection of rare German "emblem" books, dating to 1540, will benefit immediately.

Damon Runyon Scholar Award

Phillip A. Newmark, a researcher in the department of cell and structural biology at Urbana-Champaign, is one of five national recipients of a 2003 Damon Runyon Scholar Award. The three-year, $300,000 award from the Damon Runyon Cancer Research Foundation supports development of outstanding scientists as they establish their own independent research labs. Also this year, Newmark received the Faculty Early Career Development Award from the National Science Foundation. It recognizes and supports the early career-development activities of teacher-scholars "who are most likely to become the academic leaders of the 21st century."

New master's degree

Students at UIS are now able to earn a master of science degree in ***environmental science***. The program was added in response to student demand for a degree for those interested in environmental science and environmental risk assessment. UIS offers 19 master's degree programs, 20 bachelor's degree programs and one doctoral program.

Campus addition

Construction began in the spring on the ***Institute for Genomic Biology***, a state-of-the-art facility that will house scientists who lead the nation in biological research. The $73.5-million institute at Urbana-Champaign is designed to support multidisciplinary collaboration among University scientists and outside partners and to promote technology transfer of new advances in genomic biology. Animal geneticist ***Harris Lewin*** was named the first director of the IGB.

Reading Hall of Fame

William Teale, professor of education at UIC, was one of four scholars worldwide elected into the 2003 Reading Hall of Fame for lifetime contributions to the research and practice of improving reading instruction. Teale is internationally known for his research on emergent literacy, the study of preschool and kindergarten children's reading and writing development.

American Philosophical Society

Jiri Jonas, an emeritus professor of chemistry at Urbana-Champaign, has been elected to the American Philosophical Society. Jonas, the first director of the Beckman Institute, was among 51 scholars and researchers elected to the learned society in Philadelphia in 2003. Founded by Benjamin Franklin in 1743, the society promotes useful knowledge in the sciences and humanities. Members have included John Adams, Charles Darwin, Thomas Edison, Albert Einstein, Robert Frost, Thomas Jefferson, Louis Pasteur and George Washington.

American Academy of Arts and Sciences

James Economy, a professor of materials science and engineering at Urbana-Champaign, has been elected a fellow of the American Academy of Arts and Sciences, an honor that acknowledges the best of all scholarly fields and professions. Economy has played a major role during the last 40 years in the design and development of several polymer systems. He led the effort to create the National Science Foundation Center on Advanced Materials for Water Purification on the campus.

Center for Advanced Study

Five professors at Urbana-Champaign began appointments in fall '03 in the Center for Advanced Study, one of the highest forms of recognition the campus gives faculty members for outstanding scholarship.

The new CAS professors are ***Leon Dash***, journalism; ***Thomas S. Huang***, electrical and computer engineering; ***Marianne Kalinke***, Germanic languages and literature; ***Vijay Pandharipande***, physics, and ***Abigail Salyers***, microbiology. CAS professors, who number 18 with the recent additions, are drawn from throughout the campus. They continue to serve as full members of their home departments, while participating in a variety of formal and informal activities organized by the center.

$2 million grant

UIC researchers ***James Pellegrino*** and ***Susan Goldman*** received a $2 million grant from Atlantic Philanthropies to strengthen teacher preparation programs. Their goal is to discover how best to teach prospective teachers to use technology and to assess its impact on student learning. A priority is to look at the impact that electronic technologies like multimedia, the Web and hand-held devices have on both teaching and learning.

James Pellegrino

Susan Goldman

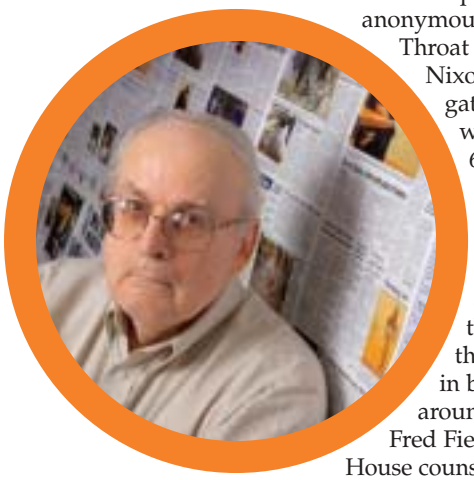
More Good Works

Online degrees

UIS students are able to complete two new ***online undergraduate degree*** programs: history and computer science. When UIS received a $500,000 grant from the Alfred P. Sloan Foundation to develop six new online degree programs over three years, UIS officials predicted that online enrollment would double in three years and triple by 2007. This past spring, there were 1,430 online enrollments compared to about 200 in spring 1999.

Solving Watergate mystery

Urbana-Champaign Professor ***Bill Gaines*** and his class of investigative journalism students held a news conference in Washington, D.C., in April to reveal the name of the person they believe was the anonymous source known as Deep Throat during the Watergate-Nixon scandal. The UI investigation took four years of work involving more than 60 students over eight semesters. Gaines, who won two Pulitzer Prizes as an investigative reporter with the Chicago Tribune, announced the results at the Watergate Hotel, and their finding was reported in broadcast and print media around the world. Their answer: Fred Fielding, assistant to White House counsel John Dean.



Lifetime achievement award

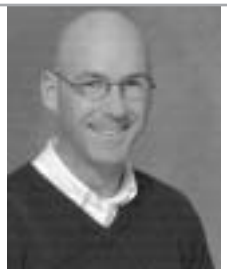
Angela Pérez Miller, adjunct clinical assistant professor of education at UIC, was among five persons to receive the 2002 Sor Juana Lifetime Achievement Award, which honors and rewards outstanding Mexican women. Miller was honored for her lifetime achievement in education. She is a top scholar in public policy analysis regarding the education of Latino children and youth.

Research scholar grant

UIC biochemist ***Gabriel Fenteany*** received a $650,000 Research Scholar Grant from the American Cancer Society. Fenteany, assistant professor of chemistry and member of the UIC Cancer Center, will receive the funds over three years to continue research aimed at discovering small organic molecules that inhibit biological processes such as cell movement and, it is hoped, the spread of cancer.

Outstanding book award

Kevin Barnhurst, professor of communication at the Chicago campus, and ***John Nerone***, research professor of communication at the Urbana-Champaign campus, won the Outstanding Book Award from the International Communication Association. They won the prize for their book, "The Form of News: A History," which explores the role newspapers played during key periods of U.S. history, from the colonies to the Internet.



Kevin Barnhurst

John Nerone

University scholars

Six faculty members at Urbana-Champaign have been chosen University Scholars – a distinction that recognizes excellence while helping to identify and retain the university's most talented teachers, scholars and researchers.

The Urbana-Champaign scholars are: ***Richard D. Braatz***, chemical engineering; ***Scott D. Johnson***, human resource education; ***Yi Lu***, chemistry; ***Eric Michielssen***, electrical and computer engineering; ***Nancy R. Sottos***, theoretical and applied mechanics; and ***Matthew B. Wheeler***, animal sciences.

The UIC scholars are: ***William Beck***, pharmacology and molecular genetics, head of biopharmaceutical sciences and acting associate dean for research in the College of Pharmacy; ***Karen Colley***, biochemistry and molecular genetics in the College of Medicine; ***Janet Larson***, head of medical surgical nursing; ***Richard Van Breemen***, medicinal chemistry; ***Doris Graber***, political science; ***Susan Friedlander***, mathematics professor; ***John D'Emilio***, history and director of the gender and women studies program.

At UIS, ***Michael Lemke***, assistant professor of biology, was named University Scholar. In addition to his academic work, he teaches classroom and online courses, Capital Scholars courses and supervises undergraduate and graduate student research projects, theses and applied study placements.

National Academy of Sciences

Three Urbana-Champaign faculty members are among the 72 scientists elected to the membership in the National Academy of Sciences for distinguished research and continuing achievements.

The faculty members are ***Peter Beak***, the Roger Adams Professor of Chemistry; ***Karl Hess***, a Swanlund Professor of electrical and computer engineering; and ***Dale Van Harlingen***, professor of physics. Membership in the academy is considered one of the highest honors that can be accorded a U.S. scientist or engineer.

IEEE fellow

Stephen Shing-Toung Yau, a professor of mathematics, statistics and computer science at UIC has been named a Fellow by the Institute of Electrical and Electronics Engineers for his contributions to the mathematical aspects of nonlinear filtering. The IEEE Fellow designation is one of the institute's most important honors.

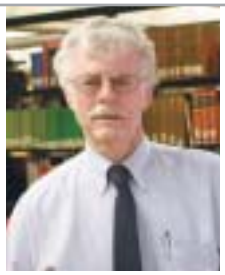
Smithsonian lecture

Robert V. Remini, award-winning historian and professor emeritus at UIC, delivered the first annual "Heroes of History Lecture" in May in the Museum of American History of the Smithsonian Institution. The lecture provides an opportunity for the public to learn about the lives and deeds of our nation's heroes.

He also was commissioned to write the history of the U.S. House of Representatives, as authorized by Congress in 1999.

Alcohol and drug prevention

The Substance Abuse Task Force at UIS received an "Extra Mile" award from the Illinois Higher Education Center for Alcohol, Other Drug and Violence Prevention, recognizing exemplary efforts by UIS in its "creative programming initiatives, grant writing and student involvement in campus alcohol and other drug prevention efforts."



Library Hall of Fame

Robert Malinowsky, professor and principal bibliographer for the UIC Library, has been named to the Special Libraries Association's Hall of Fame. He was honored for his contributions to the profession and leadership throughout the years. His expertise is in bibliographic reference sources in science, engineering, medicine, AIDS, and gay/lesbian, bisexual and transgender issues.

Carnegie scholar

Louise Cainkar, a research assistant professor at UIC's Great Cities Institute, was one of 13 nationwide selected as a Carnegie Scholar. Awardees receive $100,000 over two years for research. Cainkar plans to conduct research into the heightened degrees of religious expression among Arabs in Chicago and the implications of that for American democracy.

First exoneration

The Downstate Illinois Innocence Project at UIS celebrated its first exoneration last year when Keith Harris of Belleville was pardoned by former Gov. George Ryan. Harris served 22 years of his 50-year sentence before being released. Students from the project reviewed transcripts, re-interviewed participants, considered various strategies to achieve exoneration and assisted in the preparation and presentation of the final appeal to the Illinois Prisoner Review Board.

Ford Foundation grant

Under a grant from the Ford Foundation, the ***UIC's Neighborhoods Initiative*** will receive $250,000 over two years for a community development program in Pilsen. The grant will fund a project called Community Futures, which covers improvements in affordable housing, community planning, and youth and cultural programs. UIC has partnered with the Mexican Fine Arts Center Museum and the Resurrection Project, a faith-based community development organization, for help with the project.

Library marks 10-millionth volume

The library at Urbana-Champaign—*the largest public university library in the world*—acquired its 10 millionth volume in '03. The Library holds more than 22 million items, including manuscripts and archives, microform, pamphlets, maps, graphic materials, computer files, film and video materials, music scores, audio scores and other print and non-print materials. U of I librarians field more than 250,000 questions a year and the Library's online catalog gets more than 50 million "hits" annually.

More Good Works

Society president

Dr. Ronald Hoffman, director of the Cancer Center at the University of Illinois Medical Center at Chicago, has been elected president of the American Society of Hematology, the world's largest professional society concerning the causes and treatment of blood disorders.

Jane Addams Hull House

UIC has received a $151,000 ***National Endowment for the Humanities*** grant to improve the preservation and access to historic records belonging to the Jane Addams Hull House Association. The project consists of records dating to 1889. The special collections staff at UIC's Richard J. Daley Library will collate materials, describe them according to current archival standards and perform basic preservation treatment on fragile documents. Hull House was a social settlement founded in the late 1800s to address the needs of Chicago's immigrant community.

UIS book

Fourteen young authors explore the question, what would the world have been like without Abraham Lincoln, in a new children's book published by UIS. All of the authors were between the ages of 7 and 10 when they wrote the story.

National Academy of Engineering

Joseph E. Greene and ***Peter W. Sauer*** have been elected to the National Academy of Engineering. Greene and Sauer, both researchers at Urbana-Champaign, were among 77 engineers selected for membership.

Campus addition

A new student residence hall for 447 students opened this fall as part of UIC's South Campus expansion. ***Thomas Beckham Hall*** is the second, and larger, of two new residences built along Halsted Street to accommodate demand for more on-campus housing. The building is designed in apartment style, with private kitchens and baths.

Distinguished Service Award

The Alumni Association awarded ***Thomas Barber*** of Arroyo Grande, Calif., the 2003 University of Illinois Distinguished Service Award, the highest recognition for individuals who contribute time and expertise to benefit the Chicago campus. Barber was a 1949 graduate of the College of Dentistry.

Campus addition

A much-needed ***classroom/office building at UIS*** is expected to be in use by summer '04. The building will have smart classrooms and wireless capability, computer labs, lecture halls and academic program offices. Admissions and Records and other key student services offices will also relocate to the building.

World's most powerful magnet

The ***University of Illinois Medical Center at Chicago*** is home to the world's most powerful magnet for imaging the human body. The 9.4-Tesla magnet, which arrived in July, will be used for a magnetic resonance scanner for imaging the biochemistry of tissues in humans, such as, the metabolic processes supporting the brain during thinking. At 9.4 Tesla, it has a magnetic field more than 100,000 times stronger than that of the Earth. It weighs 57 tons.

Goldsmith Book Prize

Doris Graber, professor of political science at UIC, received the 2003 Goldsmith Book Prize by Harvard University's Kennedy School of Government. The prize honors the academic book that best contributes to the improvement of government or politics through an examination of the press. Graber's book, "Processing Politics: Learning from Television in the Internet Age," analyzes flaws in the match between audio-visual news and human learning capabilities and suggests remedies.

Ellis Cose

James McNulty

Alumni Achievement Award

Ellis Cose and ***James McNulty*** were named the 2003 recipients of the University of Illinois Alumni Achievement Award from the Chicago campus. Cose, an award-winning columnist and author, received his B.A. from UIC in 1972. McNulty, president and CEO of Chicago Mercantile Exchange Holdings Inc. and the Chicago Mercantile Exchange, received his B.A. in 1973.

New nanoscale research center

The National Science Foundation will provide ***$12.5 million*** over five years to the Urbana-Champaign campus to create a nanoscale science and engineering center with an emphasis on nanomanufacturing.

The center will be directed by ***Placid Ferreira***, a professor of mechanical and industrial engineering. Illinois is the lead university for the center. Partner institutions are the California Institute of Technology and North Carolina Agricultural and Technological State University.

Powers wins two more

Richard Powers, a prize-winning American novelist, MacArthur Foundation "genius award" winner and professor of English at Urbana-Champaign, has won two more literary prizes, the 2002 John Dos Passos Prize for Literature and a Pushcart Prize for an essay that was published in Zoetrope, a literary magazine. Powers, a Swanlund Professor of English and a professor in the Center for Advanced Study, has won other prizes, including the PEN/Hemingway Special Citation, the James Fenimore Cooper Prize and Time magazine's Book of the Year.

Award-winning firefighter's helmet

Brad Kurz, who graduated last May in industrial design at Urbana-Champaign, won a merit award from the Industrial Design Society of America for his update of the classic firefighter's helmet. His design combined stylistic elements of the traditional leather helmet — a design favored by firefighters he surveyed — with modern materials and technology.

East St. Louis Action Research Project

Eighteen seniors and graduate students working with architecture professor ***Osman Ataman*** at Urbana-Champaign built a two-story, single-family home in East St. Louis to inspire new construction in the neighborhood. A local developer sold the house to a low-income family. The project is part of the University's East St. Louis Action Research Project, which brings together students and faculty from the School of Architecture and departments of landscape architecture and urban and regional planning to work with East St. Louis residents on community needs.

NASULGC teaching award

Shelly J. Schmidt, professor of food chemistry in the department of food science and human nutrition and agricultural engineering at Urbana-Champaign, received a national award for university teaching, sponsored by the U.S. Department of Agriculture and the National Association of State Universities and Land-Grant Colleges.

French award

Two professors in the French department at Urbana-Champaign received one of France's oldest awards. ***Douglas Kibbee*** and ***Lawrence Schehr*** accepted The Order of the Academic Palms with the rank of Chevalier (knight) for dedication and accomplishment in the areas of teaching, scholarship and research. Napoleon Bonaparte founded the Order of the Academic Palms in 1808.

ASHA's highest honor

Ehud Yairi, professor of speech and hearing science at Urbana-Champaign, received the highest honor of the Association from the American Speech-Language-Hearing Association. Yairi has been a leading researcher in fluency and stuttering for more than 30 years.

Last year he received a $4.3 million grant from the National Institutes of Health to pursue research into subtypes of stuttering.

More Good Works

Outstanding young engineer

James A. Stori, professor of engineering at Urbana-Champaign, received the Jiri Tlusty Outstanding Young Manufacturing Engineer Award from the Society of Manufacturing Engineers. It is the world's leading professional society supporting manufacturing education.

Stopping anthrax

A team of 10 researchers at UIC received a $15.7 million grant for a multi-pronged program to develop drugs to treat and stop the spread of anthrax. The team's goal is to find new drugs that will provide alternate defenses against an engineered organism. ***Michael Johnson***, professor and director of the UIC College of Pharmacy's Center for Pharmaceutical Biotechnology, will direct the four-and-a-half-year program, which is funded by the National Institute of Allergy and Infectious Diseases.

Boston Marathon tradition

Athletes from Urbana-Champaign have won the Boston Marathon 10 times since the wheelchair division was introduced in 1975. Last spring, ***Christina Ripp***, a senior, earned her first title in the women's wheelchair division. UI graduate Jean Driscoll won Boston eight times, most recently in 2000. Sharon Rahn Hedrick won in 1977.

Sculptor selected

Christiane Martens, professor of art and design, was commissioned by the state's Capital Development Board in an invited competition of Illinois sculptors. Martens' winning sculpture, "Aiming High," will be placed on a granite base in front of the main entrance at Richland Community College, Decatur.

Two of Martens' other works have been selected to be placed near two Urbana-Champaign campus buildings. "Wing Formation" was installed last year at the entrance to the Institute of Aviation, and "Warp 11" was selected through the Illinois Art Acquisition Committee to be placed at EnterpriseWorks, the new incubator technology building at the South Research Park.

National winners

Four advertising master's students partnered with five MBA students, all from the Urbana-Champaign campus, to win the national ***NASA Means Business marketing competition*** finals in Houston. The team had to propose and present an integrated marketing plan for NASA's Mission to Mars programs. As winner, some team members will make their presentation in front of government and NASA officials in Washington, D.C.

Resident string quartet

The Pacifica Quartet, considered one of the most dynamic string ensembles today, began a three-year residency at the Urbana-Champaign campus in fall '03. They will give private, studio lessons and will perform a three-concert series during the 2003-04 season at Krannert Center for the Performing Arts.

$7.3 million for cancer research

UIC received a $7.3 million grant from the ***National Cancer Institute*** to establish a new center that will study why mortality rates for breast and other cancers are so much higher in African-Americans and Hispanics than in Caucasians. The initial focus is on breast cancer, a disease that particularly reflects this racial and ethnic disparity. The UIC Center for Population Health and Health Disparities is directed by ***Richard Warnecke***, associate director for cancer control and population science at the UIC Cancer Center and professor of epidemiology in the School of Public Health.

College of Education honored

The College of Education at Urbana-Champaign was named one of three national ***Innovative Teacher of the Year*** award winners by Microsoft and the American Association of Colleges of Teacher Education. The award is associated with an Innovative Teachers grant the College Office of Educational Technology won in '02.

Fulbright grant winner

William Trent, professor of educational policy studies and sociology at Urbana-Champaign, received a Fulbright Senior Specialists grant in education at the School of Education, Saint Andrew, Argentina. The grants to leading U.S. academics and professionals support curricular and faculty development in 140 countries around the world.

New law degree

UIC and the Chicago-Kent College of Law announced a new accelerated degree program that will allow UIC students to complete a bachelor's degree and law degree in six years—one year ahead of the average completion time. The program overlaps the fourth year of the bachelor's degree with the first year of law studies. Students will spend their first three years at UIC and the last three at Chicago-Kent.

Alumni Achievement Award

Robert Badgett Morgan, Paul D. Schrage and ***Phillip Allen Sharp*** received the 2003 Alumni Achievement Award from the Alumni Association for the Urbana-Champaign campus. Morgan was honored for his success in the field of music education, Schrage for his marketing and advertising achievements within the McDonald's Corporation, and Sharp for revolutionary research discoveries in molecular biology and biochemistry.

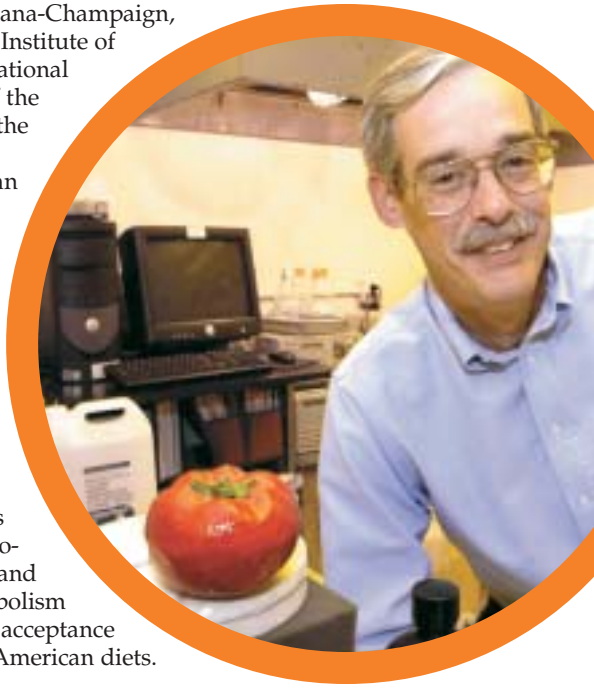
Alumni Achievement Award

Phillip T. Zeni received the UIS Alumni Association's 2003 Alumni Achievement Award for his pioneering spirit in a number of entrepreneurial interests. Zeni is an international businessman, consultant, Internet pioneer and author and is the chief operating officer and executive vice president of Orban/CRL, which manufactures sophisticated audio process equipment for the broadcasting industry.

Elected to national academy

John W. Erdman Jr., a professor of nutrition at Urbana-Champaign, was elected to the Institute of Medicine of the National Academies, one of the highest honors in the fields of medicine and health. Erdman was one of 65 U.S. members, chosen for their contributions to the advancement of medical sciences, health care and public health.

Erdman's research focuses on prostate cancer risks. His previous research on soy protein consumption and human lipid metabolism contributed to the acceptance and use of soy in American diets.



Lifetime scholar award

A. LaVonne Brown Ruoff, a pre-eminent American Indian studies scholar and professor emerita of English at UIC, received the Modern Language Association's 2002 Award for Lifetime Scholarly achievement. She is only the third person to receive the award. Ruoff also received the Writer of the Year Award for series editing from the Wordcraft Circle of Native Writers and Storytellers, the second time she has received the award.

High-speed computer

UIC was one of six educational institutions selected to develop and build a high-speed computer that will use geographically distributed computational resources linked by a new generation network of ultra-high-speed optical fiber. This advanced research tool will be a "virtual" computer with the power to help researchers understand complex science as never before. UIC will manage the $13.5 million, five-year project, funded by the National Science Foundation. ***Thomas De Fanti***, distinguished professor and co-director of UIC's Electronic Visualization Laboratory, along with ***Jason Leigh***, senior research scientist, will serve as co-principal investigators.

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In 2003, the Swedish Royal Academy of Sciences presented Nobel Prizes to two Urbana-Champaign faculty members.

Paul C. Lauterbur, a pioneer in the development of magnetic resonance imaging, was awarded the Nobel Prize in physiology or medicine on Oct. 6. ***Anthony J. Leggett***, a world leader in the theory of low-temperature physics, was awarded the 2003 Nobel Prize in physics on Oct. 7. Both received their prizes from the King of Sweden in Stockholm in December.

Records of the Swedish Royal Academy of Sciences show the University of Illinois is the only U.S. public university to have two of its faculty win Nobels in the same year.

Lauterbur joined the Urbana-Champaign faculty in 1985 and is a professor in the Center for Advanced Study. He holds academic appointments in the bioengineering program and the Center for Biophysics and Computational Biology. He shares the prize with ***Sir Peter Mansfield*** of the University of Nottingham in England, who was a research associate at Urbana-Champaign from 1962-64.

The two, who worked independently of each other, were lauded for "seminal discoveries…that have led to the development of modern magnetic resonance imaging, which represents a breakthrough in medical diagnostics and research," the Swedish academy said.

Anthony J. Leggett

Leggett holds the John D. and Catherine T. MacArthur Chair in Physics and is a professor in the Center for Advanced Study. He worked at the University as a postdoctoral research associate from 1964-65, and in 1967, and returned to join the faculty in 1983.

He shares the prize with Alexei A. Abrikosov of Argonne National Laboratory near Chicago and Vitaly L. Ginzburg of the Lebedev Physical Institute in Moscow. The trio was honored for "pioneering contributions to the theory of superconductors and superfluids," according to the Royal Swedish Academy.

Leggett also won the 2003 ***Wolf Prize*** in physics, shared with B.I. Halperin of Harvard. Leggett was recognized for "key insights into superfluidity of the light helium isotope and macroscopic quantum phenomena." The Wolf prizes recognize outstanding achievements in physics, chemistry, mathematics, medicine, agriculture and the arts.

Paul C. Lauterbur

Crafoord Prize

The Swedish Royal Academy of Sciences awarded a third faculty member at the Urbana-Champaign campus—microbiologist ***Carl R. Woese***—with the Crafoord Prize in Biosciences.

The annual prize marks accomplishments in scientific fields not covered by the Nobel prizes in science, which it also selects. Woese, the Stanley O. Ikenberry Endowed Chair, was honored for his discovery of archaea, a third domain of life, which changed the way scientists classify life on Earth.

In 2000, President Bill Clinton presented Woese with a National Medal of Science in a Washington, D.C., ceremony. He also received a "genius" research award in 1984 from the John D. and Catherine T. MacArthur Foundation. In 1992, Woese received microbiology's highest honor, the Leeuwenhoek Medal, given each decade by the Dutch Royal Academy of Science.

Carl R. Woese

Acknowledgements: *More Good Works*, A State of the University 2004 was produced by the Office for University Relations with the cooperation of the public affairs offices and news bureaus at the Chicago, Springfield and Urbana-Champaign campuses. Executive editor, Lex Tate; managing editor and lead writer, Becky Mabry; writers Becki Galardy and Mary Frega; photography, Curt Beamer, Don Hamerman, Curt Neitzke, Lou Thompson at Thompson-McClellan Photography, Tom Schaefges, Bill Wiegand, Darrell Hoemann and Robin Scholz at *The Champaign-Urbana News-Gazette*, UIC Photographic Services, and the White House; design, Richard Harrison Bailey/ The Agency. The University of Illinois is an equal opportunity, affirmative action institution. OUR 3/04 8K

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