UI Chancellor Michael Aiken. "We are truly grateful for the vision and generosity," said Aiken. "This gift will not only have a significant impact on the education of generations of students, but also will profoundly influence the development of computer science in this nation and throughout the world."

"The Thomas M. Siebel Center for Computer Science will act as a catalyst for a comprehensive program that extends our leadership in education and research," Aiken said. "I am heartened that the reports underline the very high quality of this distinguished institution."

"I am heartened that the reports underline the very high quality of this distinguished institution." — Chancellor Michael Aiken

Aiken said he was pleased Illinois has been accredited for another 10 years, and he pointed out the report highlights many of the campus’s accomplishments and achievements. "I am heartened that the reports underline the very high quality of this distinguished institution," Aiken said.

The report also emphasizes the need for consistent and improved funding in order to maintain the status quo but also to attain some of the improvements, such as the Research Parks and the South Campus expansion. The NCA evaluation team pointed out that 10 years ago, there were permissive financial constraints on the university, forcing faculty members and administrators to make difficult choices with long-term consequences. The report notes the loss of 249 full-time faculty positions since 1986-87.

Finances within the state have improved recently and the campus is benefiting. The evaluation team complimented the administration for its focused effort to improve faculty pay in order to preserve the quality of its faculty and to help recruit top junior faculty.

It noted that in the past five years, the UI has launched a multi-year $10 million "Faculty Hiring Initiative" to restore the lost faculty positions. "The current team offers strong encouragement for the university to continue to work with its partners in the legislature so that these concerns are addressed in a productive and ongoing way," the report said.

The NCA received more than 100 letters, petitions, e-mail messages and other communications opposing the use of Chief Illiniwek during the evaluation process. No letters in support of the Chief were received, according to the report.

The NCA has required the campus to prepare a progress report by Jan. 1, explaining what it is doing to address the Chief issue. In addition, an NCA team will revisit the campus in 2002-03 to see if progress has been made in resolving the controversy.

The NCA did not order the campus to stop using the Chief, but did raise the issue of how the campus can have a fair and racial diversity policy that it uses for students and employees, and yet have an athletic team mascot that many have called racist. The NCA asked to see a progress report.

Five honored as Swanlund Chairs

By Matt Hanley

The Swanlund Chairs were established to provide endowed appointments, made possible by a gift from alumna Maybelle Leland Swanlund, to people who have made outstanding contributions in their fields.

Selected as the newest Swanlund Chairs are Leon Dash, professor of journalism and of Afro-American studies; Laura Greene, professor of physics; Ian Hobson, professor of music; Benita Katzenellenbogen, professor of physiological and of cell and structural biology; and Larry Smart, professor of astronomy and of physics and the director of the National Center for Supercomputing Applications.

Dash, who began his 34-year career at the Washington Post, working first as a copy boy and then as a general assignment reporter, joined the UI faculty in 1998. In 1995, he won the Pulitzer Prize in explanatory journalism for his series on living in poverty in Washington, D.C. Dash is also the director of the very high quality of this distinguished institution. The report of the North Central Association of Colleges and Schools.

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The report of the North Central Association of Colleges and Schools.
Members approve honorary degree for U.S. Sen. Paul Simon

By Becky Mabry
Assistant Editor
The Urbana-Champaign Faculty Senate agreed unanimously Feb. 21 to a proposal to give former U.S. Sen. Paul Simon the honorary degree of doctor of public administration. Simon will be the featured speaker at UI commencement ceremonies May 14.

The matter now goes to the board of trustees for approval at its meeting this week in Urbana.

Simon, who retired from the Senate in 1997, is a professor at Southern Illinois University Carbondale, teaching political science and journalism classes. He served in the Senate for 12 years and was Illinois’ senior senator prior to his retirement. Simon was professor emeritus in 1987-88, he made a bid for the Democratic nomination for president.

SIEBEL GIFT, CONTINUED FROM PAGE 1

and user preferences by means of ubiquitous communication networks. Information technology infrastructure will be “designed in” from the beginning, with embedded computers in doors, offices and laboratories, ubiquitous wearable devices, streaming multimedia and tracking, microelectromechanical systems (MEMS), and stereotrophic fabrication, all connected by wireless and high-speed wired networks for distributed collaboration and adaptation.

Interconnecting components in the building will continuously negotiate with one another, adapting to changing inputs and context – for example, the building would know when a person entered the building while on a cell phone, and that phone conversation would automatically shift to a wall-sized video display. All classroom functions will be fully automated and equipped with digital audio/video capture, intelligent whiteboards, wireless networking and HDTV displays.

Building for the Future of the Industry
With the construction of the Thomas M. Siebel Center for Computer Science, the computer science department will create an integrated education and research facility that will attract the world’s best and brightest faculty and students, who will together shape the future of computing for Illinois and the world. Through this contribution, the building will allow the department to accommodate almost twice the number of faculty and students, allowing for more than 70 educators, 1,500 undergraduates and 500 graduate students to be admitted.

“The UI at Urbana-Champaign is recognized as a global leader in information technology,” said Siebel, the chairman and chief executive officer of Siebel Systems Inc. “I am one of the many, many people who have benefited greatly from this leadership. It gives me great pleasure to be able to play a role in the enhancement of this great resource.”

“It is our hope and our expectation that the Siebel Center for Computer Science – in combination with the other great wealth of information technology facilities on this campus – will constitute an education and resource facility that is second to none,” Siebel said.

Groundbreaking for the Siebel Center is expected in 2001, and the building is expected to be ready for occupancy no later than 2003. Faculty members and students from the UI department of computer science designed the groundbreaking ILLACIV, the world’s fastest computer; and a model for HAL, the intelligent computer in the movie “2001: A Space Odyssey”; and they helped create the Internet revolution with the MosaicTM Web browser. The University of Illinois is home to research efforts of national import, such as the National Center for Supercomputing Applications.

About Thomas M. Siebel
Siebel is the founder of Siebel Systems Inc., the world’s leading provider of Business Applications software. Founded in 1993 and based in San Mateo, Calif., Siebel Systems has become the fastest growing software application company in history. Siebel earned three degrees from the UI: a bachelor’s in history (1975), a master’s in business administration (1983) and a master’s in computer science (1985).

About Siebel Systems
Siebel Systems Inc. (NASDAQ: SEBL) provides an integrated family of Business Applications software enabling multi-channel sales, marketing and customer service systems to be deployed over the Web, call centers, field, reseller, retail and dealer networks. Siebel Systems’ sales and service facilities are deployed locally in more than 28 countries. -

Also Monday, senate members considered for the first time proposed revisions to University Statutes concerning the dismissal of academic professionals. A task force has been scheduled for discussion at the senate’s Feb. 14 meeting, but that meeting went beyond the 5:15 p.m. limit, so members reconvened Feb. 21.

Since it was the first time to consider the proposed revisions, no vote was taken. A few members expressed concern about language that said “sanctions can include, but are not limited to the following:”

Without limits on causes for sanctions, the door is open and an employee can be sanctioned for anything, said Peter Loeb, a professor of mathematics.

Vera Maune, a representative of the Professional Advisory Committee, said the proposed revisions were e-mailed to about 4,500 academic professionals on campus. Only 15 commented and about half of those comments concerned that same clause that indicated there would be no limits on causes for dismissal, she said.

Jenny Barrett, chairwoman of the Association of Academic Professionals, expressed concerns about the definition of “cause” for dismissal because it referred to omissions of duties. She said if job descriptions are not clearly explained, employees could inadvertently be omitting duties. She also was concerned about sanctions for extramural and off-duty activities.

“Does that include participating in a demonstration at Swallund?” Barrett asked.

“What if an employee is arrested on her vacation day for participating in a sit-in? What about protesting university policies?” Barrett also raised concerns about the language that requires only 10 working days for an employee to request a hearing after receiving written notice of proposed dismissal.

The matter will be considered again, possibly for a vote, at the senate’s March 20 meeting. If approved, the revisions will go to the senates of the two other UI campuses for their consideration and approval, and then the final draft will be presented to the University Senates Conference. To become effective, revisions in UI statutes have to go through the UI president and be approved by the board of trustees. -

UC Senate discusses procedures for dismissal of academic professionals

Inside Illinois
March 2, 2000

Waldrop to be named vice chancellor for research

Tony Waldrop has accepted the position of vice chancellor for research, pending approval of the board of trustees at its March 2 meeting in Urbana.

Waldrop will succeed Richard Alkire who returned to the faculty in August. Waldrop has been holding the position on an interim basis since fall. He would assume the permanent job March 3.

“I believe that Tony has done a superb job as interim vice chancellor for research, within the office of the vice chancellor, throughout the rest of the campus and in external arenas,” said Chancellor Michael Aiken.

“Has played a key role in the development of plans for the new research park and I am impressed with his excellent ideas on ways in which to increase the amount of federal and corporate research dollars coming to campus,” Waldrop received his bachelor’s, master’s and doctoral degrees from the University of North Carolina at Chapel Hill and came to the UI in 1989. He is a professor of molecular and integrative physiology and has served in several administrative capacities since 1993.

Waldrop will continue to serve as interim dean of the Graduate College until a new dean is named. He also will hold the rank of professor of molecular and integrative physiology on indefinite tenure.

NCA REPORT, FROM PAGE 1

the UI to explain those inconsistencies. As for the issues raised concerning the Chief, Aiken said that while he disagrees with the evaluation team’s emphasis on the Chief issue, the matter will be pursued.

The UI Board of Trustees already has started to address the issue. Last month, the trustees announced they will re-open dialogue with the public about Chief Illiniwek. The trustees will solicit opinion at an April 14 meeting – and also by mail – and hold a session in the fall in which they will respond to the issues presented to them.

The North Central Association of Colleges and Schools evaluation team comprised three members: a dean from the University of Wisconsin Madison, a professor from the University of Kansas; and an associate provost from Arizona State University.

In addition, there was a 10-member consultative team comprising university and college administrators from around the country.

The 74-page report is available in its entirety at the UI Library and on the Web at www.uiuc.edu/admin2/nca_report.
March 2, 2000

Inside Illinois

PAGE 3

On the job

John Sudlow

Joe: Project Coordinator of the UI’s Motorcycle Rider Program, located on Gerty Drive next to the Fire Service Institute. The UI, through a contract with the Illinois Department of Transportation, offers free novice and experienced rider-education programs on campus and at 13 other sites in a region that extends along the Illinois-Indiana border through Cook County. The program served about 3,000 motorcyclists in the region last year, and 7,000 statewide.

How did you get interested in motorcycles? I never had an interest in motorcycles until my father forbid me to have one when I was 16. And that really sparked my interest. I’ve been infected ever since.

Why did he think you shouldn’t have a motorcycle? Motorcycles are dangerous. You were always told that as a kid, right? I certainly was. And a lot of people did get hurt on motorcycles. Most people had the philosophy that a motorcycle was kind of an overgrown bicycle and nobody needed special training to ride bicycles. But in reality motorcycles are fairly powerful and there is a great danger of accident and injury. Finally, someone realized maybe we should have some kind of specialized training. So the major Japanese motorcycle manufacturers and Harley-Davidson put their corporate heads together and said: we’ve got to make motorcycling safer. So they formed the Motorcycle Safety Foundation in 1973 and developed a curriculum that is used in 49 states. And that’s what we do. We teach motorcyclists how to effectively manage risk and minimize their likelihood of being involved in accidents.

How does the UI fit into motorcycle rider education? Illinois was one of the very first states in the country that had a state-administered motorcycle safety program. The Illinois Department of Transportation contacted a number of universities around the state to see if they would be interested in administering a regional driver’s ed program within their areas of the state. Originally seven responded and now there are four. The UI has been the most efficient and effective of the universities in the region and IDOT tells us repeatedly that we are the flagship program for their statewide program. This is our 23rd consecutive contract year with IDOT to offer these classes.

So you are employed by the UI? Yes, everybody in this office is employed through the university – through the College of Applied Life Studies, department of community health, including our part-time staff of more than 100 instructors.

Tell me about your first motorcycle. When did you get it? Right after my father told me I couldn’t have one. I was 16 and he did consent to let me have it if I could buy it myself. It was a little Kawasaki 500. I paid $300 for it. I lost my girlfriend as a result of that first motorcycle because, in her opinion, I spent a disproportionate amount of time with it rather than her. But that proved to be OK.

I’ve never been without a motorcycle since. I’ve been riding motorcycles for about 28 years and I’ve enjoyed absolutely every minute of it. I’ve ridden from coast to coast and from Canada to the Gulf of Mexico.

What do you have now? I currently have way too many motorcycles. Most of them are vintage 1960 to 1970. My newest motorcycle is a 1980 BMW 650. The motorcycle that gets the most road exposure right now is a 1974 Kawasaki 500. I also have a 1969 BMW/2 that’s fully restored, and it lives inside my house.

Do you plan on purchasing a newer model? Well, my priorities have shifted a little bit since I got married a few years ago for the first time. My wife would like to have a little nicer house to live in. And my dream has always been to build my own house, so that’s what I’m doing right now. For the last half-dozen years my resources have been consumed by purchasing two-by-fours and plywood, drywall, plumbing, shingles, foundation block and things like that.

We live just outside of Oakwood down in the Salt Fork River bottoms, a very peaceful rural setting. We’re pretty secluded and we’re really happy where we are.

Do you have children? One is on the way. So there’s a whole new pressure on me now to get the house done. And everybody who has kids tells me I won’t see a new motorcycle for a while so I’ll just have to be satisfied with a 1980 BMW.

How long have you been building the house? Well, I started about three years ago and have been proceeding very casually thinking there was no deadline. Now with this impending child due in September I have a definite deadline and a whole new focus is needed.

You’ve done all the work yourself? I have a cousin who has helped me raise the walls when there was too much wall for one person to lift. But we’ve not contracted for any outside help. I laid all of the foundation block, hauled all my own materials and shingled the roof.

Is your wife a motorcycle rider? She loves to ride on the back of motorcycles but she hasn’t developed any interest in riding on the front.

Do you fix your own motorcycles? Yes, I worked for about 10 years in Danville at a motorcycle dealership, starting out as a mechanic in the service department and then becoming service manager. That’s how I ended up being in this program here at the university. I was an instructor for the program in Danville, and at about the same time, the UI began purchasing our fleet of 200 driver’s ed bikes and there was nobody to maintain them. So I not only taught in Danville but I worked to maintain the fleet of bikes here too.

Do you do anything other than build your house and ride motorcycles? We have a five-acre patch of land, just big enough to plant a little bit of crop on it. We had rye on it last year. That helps us to keep in closer touch with the land and nature.

— Interview by Becky Mabry

Achievements

career center
The Career Services Professionals of the Committee on Institutional Coopera-
tion have named an award for David Bechtle, director of the UI Career Center. The David S. Bechtle Career Educator of the Year Award will be awarded annually.

communications
The second edition of Norman Denzin’s “Handbook of Qualitative Research,” as well as two essays co-written with Lincoln – “The Discipline and Practice of Qualitative Research,” and “The Seventh Moment: Out of the Past.”

Denzin also has been appointed editor of the newsletter of the Society for the Study of Symbolic Interaction.

Counseling center
Tom Seals, director of the UI Counsel-
ing Center, was elected president of the Association of University and College Counseling Center Directors at the organization’s annual meeting in Novem-
ber. Seals will serve a two-year term as president, followed by one year as past president. The organization is the primary

see Achievements, Page 7

A report on honors, awards, offices and other outstanding achievements of faculty and staff members

Edward Broghammer, 89, died Feb. 12 at Provena Covenant Medical Cen-
ter, Urbana. Broghammer taught me-

Mechanical engineering at the UI for 39 years.

Phyllis C. Elbs, 61, died Feb. 24 at her Villa Grove home. Elbs had worked as a clerk II in the corps

Sciences department since 1996. Memo-
rial: Villa Grove VFW Post 2876 Ladies Auxiliary or the Villa Grove Senior Recreation Program.

Robert Hadfield, 68, died Feb. 22 at Carle Hospice or Urbana Masonic Lodge 157.

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Robert Hadfield, 68, died Feb. 22 at Carle Hospice or Urbana Masonic Lodge 157.
New satellite data to assess role clouds play in climate change

**By Andrea Lynn**

News Bureau Staff Writer

It has all the earmarks: The U.S. senatorial race in New York should be one of the most interesting races in the country. “It also could be one of the most expensive senatorial races – not just in New York, but ever,” says campaign-watcher Michael Krassa.

According to Krassa, a professor of political science at the UI who also is a political consultant, the candidates may spend $60 million between them – “as much as some presidential runs.” While the first lady has “some impressive fund raising,” Krassa said, “much of her money comes from out-of-state. That could become an issue. It would if Giuliani were running.”

Where the great interest comes in, Krassa said – aside from the fact that Hillary Clinton is the first lady and also had her own “health insurance fiasco,” and Rudy Giuliani has been “a perpetually controversial mayor” – is with the idea that their campaign “is turning some of the usual logic around.”

“New York City usually goes Democratic, but Giuliani is very popular there. However, he is hurting in the suburbs and upstate – traditional strongholds for Republicans. Seen as “a brash outsider” by upstaters, “Giuliani is, in a sense, as much a carpetbagger upstate as Hillary,” Krassa said. “Also, with his positions on guns, guns and black lives, he may have some trouble with upstate conservatives. And, Giuliani’s support of gays, abortion rights, gun and rent control, and of some liberals, could cost him dearly. It makes the typical upstate Republican distaste for all things NYC even greater.”

Meanwhile, the first lady, unlike almost all Democrats, finds support in the heavily Republican suburbs of New York City. Most of that is from the strong backing of working women.

“She needs to shore that up,” Krassa said, “and drive the wedge deeper between Giuliani and upstate. But I wouldn’t advise her to focus too heavily on ‘women’s issues’ because, even though it might play in the city’s suburbs, she needs to focus on economic development problems upstate.”

Still, Clinton’s popularity is falling, “like a rock,” Krassa said. This is because she is so “ill defined and she is letting others define her. Her artificially high popularity, because she did some good things as first lady and did so well through the Lewinsky thing, is over, and the attitudinal and informational vacuum needs to be filled. She can do it herself, or the Republicans will do it for her.”

Also, Krassa would advise Hillary Clinton to “put a stop to her rising negatives.”

“Her negatives are rising and popularity falling because she hasn’t done that much. She spent a lot of time on a ‘listening’ tour, but never really forged an identity in voters’ minds. If she is smart, she would use her declaration to basically say, ‘I’ve spent a few months getting to know New Yorkers and now know that I want to live here and represent you. Now I’m going to tell you what I am all about.’

“In other words, it’s time she began a real campaign and reshaped herself based on issues,” said Krassa, a consulting partner with SouthEast Analysis Group, based in Florida.

**Senior strategist**

New York’s senatorial race “could be one of the most expensive senatorial races – not just in New York, but ever,” says campaign-watcher Michael Krassa, a UI professor of political science. “The senate race is fascinating in large part because the campaign is ‘turning some of the usual logic around,’ Krassa said.

By James E. Kloeppel

News Bureau Staff Writer

A wealth of information on the physical properties and global distribution of clouds – soon to be collected by a recently launched satellite called Terra – could help scientists better predict climate change, says a UI researcher involved with the project.

“Terra is the flagship of NASA’s Earth Observing System Program, an international effort to monitor Earth’s climate over the next 15 years,” said Larry Di Girolamo, a professor of atmospheric sciences.

“During the satellite’s six-year lifetime, its five instruments will help scientists understand how clouds, aerosols, air pollutants, oceans, vegetation and ice cover interact with each other and impact the climate we live in.”

Di Girolamo’s research focuses on clouds. “From a climate-modeling perspective, clouds contribute the largest uncertainty to climate change,” he said.

“Clouds may have a warming or cooling effect on the planet, depending on the cloud properties. Because clouds are so variable, there exist on global climate has been difficult to quantify.”

One of the instruments on Terra is the Multi-angle Imaging Spectro-Radiometer. MISR will be the first instrument to make global, high-resolution, multi-angle, multi-spectral radiometric measurements of Earth from space. The instrument will characterize cloud, aerosol and surface properties in a manner no other satellite has been capable of.

“It’s MISR’s ability to look at the same scene from different angles at a high resolution that makes MISR so unique,” Di Girolamo said. “You get a lot more information about an object when you look at it from different angles than you do when you look at it from a single angle.”

Unlike traditional meteorological satellites that have only one camera, MISR has nine cameras that will successively view portions of the planet in four spectral bands. “By combining spectral and angular signatures, we can gather more information about atmospheric or surface features than spectral signatures alone,” Di Girolamo said.

“The use of multiple cameras also permits stereoscopic imaging, allowing us to look at clouds in 3-D,” Di Girolamo said.

Di Girolamo has been involved with the MISR project for the past decade. As a graduate student, he worked on new techniques for studying clouds from multi-angle data, which helped set the instrument specifications. More recently, he developed the cloud-detection and classification algorithms that will process the complex data and help better understand the role that clouds play in Earth’s climate system.

Lifted into orbit on Dec. 18, the Terra instruments are being rigorously tested prior to measurements of scientific value. For more information about the Terra and MISR missions, visit http://terra.nasa.gov, a Web page maintained by the National Aeronautics and Space Administration.
From molecules to mice
Research looks at link between genes and pain response

Research and therapists recognize that variability plays a major role in assessing and treating pain—the latter of which has depended on derivatives of willow bark (anti-inflammatory drugs) and poppy juice (opiods). "Arthritic people try over-the-counter remedies. Some work; some don’t," Mogil said. "This implies that there are responders and non-responders. Wouldn’t it be great if we could figure out why?"

Mogil, a professor of psychology and neuroscience, studies the genetic variability of pain, using inbred mice and rats doing "tail-flick tests" in hot water, for example.

Mogil has found that 50 percent of animals tested both feel and respond to pain, while 50 percent don’t feel it or better tolerate it. He has found huge differences between strains—some barely tolerate it, and some seem not to mind at all. Part of the differences, he said, reflect such factors as experience, age, stress and diet; part are from genetic biological inputs such as sex, hormones and stress; and part reflect genotype (inherited genes).

"Our technique tells us about where the gene trait there is a gene living in Iowa that is responsible. But I don’t know what city, what state, or what county."

Mogil, a professor of psychology, is narrowing the search for specific genes responsible for a person’s response to pain. In a speech Feb. 19 at the American Association for the Advancement of Science annual meeting in Washington, D.C., he said he had established two principles regarding the link between genes and pain response:

• A relationship exists between initial sensitivity to pain and subsequent response to different drugs. Mice more sensitive to pain will be less responsive to analgesics, and vice versa. "They're such as morphine, and vice versa. "They’re..."

• Involved genes are different in males and females. Sex differences have been known about but considered only in quantitative ways. "In addition to these apparent differences in magnitude, there appears to be fundamental neurochemical and genetic differences," he said. "Both feel pain, but they are responding differently, by activating different circuits in the brain."

Researchers and therapists recognize that variability plays a major role in assessing and treating pain—the latter of which has depended on derivatives of willow bark (anti-inflammatory drugs) and poppy juice (opiods). "Arthritic people try over-the-counter remedies. Some work; some don’t," Mogil said. "This implies that there are responders and non-responders. Wouldn’t it be great if we could figure out why?"

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"Our technique tells us about where the pain gene is located, but it doesn’t tell us what gene it is or exactly where it is located," Mogil said. "If the gene is the United States, I know that for a particular gene trait there is a gene living in Iowa that is responsible. But I don’t know what city.

Painful questions Why do some people respond to certain pain medications and others don’t? Jeffrey Mogil, UI professor of psychology, is narrowing the search for specific genes responsible for a person’s response to pain.

Rate of sound impulses markedly affects ability to perceive volume

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‘Anyone Can Lead’ Initiative ambitiously expands student leadership development

By Andrea Lynn
News Bureau Staff Writer

I’ve no secret that academically speaking, UI students “rock,” to use the vernacular. Their achievement in the classrooms, labs, fields and studios is nothing short of superb.

Recently, however, UI undergrads garnered a new realm in which to shine. In February, the campus launched an ambitious initiative to help students develop their leadership skills, including emotional intelligence.

Regardless of what they know, or don’t – whether their leadership skills are well-honed or nonexistent or somewhere in between – student affairs is helping to sign onto “Anyone Can Lead.”

Proponents believe that the new model will not only help the individuals involved in their academic life, but also catapult students into their career lives.

“The sky is the limit for what we can do with this initiative,” said Lauren Sykora, a senior in speech communication and a member of one of the student, faculty members and administrators from the Colleges of Agricultural, Consumer and Environmental Sciences; Commerce and Business Administration; Engineering; Fine and Applied Arts; and Liberal Arts and Sciences that crafted and fine-tuned the initiative.

About 75 students began the first phase of Anyone Can Lead on Feb. 25. Core I encourages self-development skills, including self-awareness and self-management. Core II emphasizes interpersonal development; Core III, organizational and group development; and Core IV, translational development. Eventually as many as 1,500 students a year will be involved in all four cores.

Woven into the fabric of the leadership program are “pathways” that students can follow to put new skills into practice in student organizations in colleges, Greek chapters or volunteerism and service.

One day in the not too distant future, hopes Patricia Askew, vice chancellor for student affairs and the driving force behind the initiative, incoming students routinely will develop two sets of plans: one for their academic program, the other for their leadership program.

One day in the not too distant future, she expects, the new program will “make Illinois known not only for having students who are superb academically, but also for being a campus that develops students’ emotional intelligence and leadership skills.”

The leadership model is one piece of a large initiative to enhance the quality of the undergraduate experience at Illinois. Over the past several years, a number of programs have been launched toward that end, including First Year Impact, Discovery courses and the significant expansion of living-learning communities.

“Students are telling us that these kinds of experiences are really helping them with their transition to campus,” Askew said. “This program is part of the provost’s vision of what an Illinois experience, a total Illinois experience, would be.”

According to Richard Herman, provost and vice chancellor for academic affairs, bolstering the initiative is research that demonstrates that today’s students more than ever before are interested in “what the individual can do for their community.”

The new program, therefore, “fits quite clearly our service mission of bringing the talents of our graduates to bear for the public good. It fits the mission and it captures students’ interest.”

According to Askew, the new program also meshes with the needs of the new workplace – the workplace of the 21st century.

“What employers are saying today is that our students are superb in terms of their academic preparation – the rigor of it, being cutting edge – but what many of them need more of is the development of their emotional intelligence, which largely is leadership skills: communication, interpersonal development, how to build community, how to maximize or optimize their creativity, how to learn to take risks. Those are the kinds of things companies need today from our students.”

Askew said that in planning for the new leadership program she spoke with a great many successful professionals who say it “will put students that they hire from Illinois on the fast track. They have told us that this new initiative is so consistent with what they are trying to do in terms of staff development that this will just catapult our grads further into the organization.”

A large part of the genesis for this new vision for leadership development came from talking to student leaders who raved about various leadership institutes they had attended.

“Our major role has been to think outside the box and to do something new, something cutting-edge,” said Sykora of Naperville, Ill., who first got involved in leadership in high school.

At Illinois she’s been active in Volunteer Illini Projects and the Student Alumni Association, the latter as president, and she’s served on a variety of campus committees for student affairs. Sykora also has worked with various community organizations; currently she is a crisis counselor for the Champaign Mental Health Center.

When the model is fully developed, students with less leadership and service experience than Sykora will be able to take a test of sorts – an assessment tool – and from it “get a sense of where they are in the development of these skills, which of the core programs they should participate in,” Askew said.

Ray Price, the William Harrison-Sevres Chair in engineering, has modified an assessment tool he first started using in his class on Engineering Emotional Intelligence. Originally designed for business, the tool now focuses on areas important to college campus leadership.

Price said that studies looking at performance find that “what distinguishes the average employees from the truly outstanding employees is in 90 percent of the cases their emotional intelligence skills and capabilities.” The professor defines EQ (emotional quotient) as “the ability to a) understand your own emotions and manage them, and b) to be able to understand what’s going on with someone else, and c) to be able to influence somebody else positively.”

Jonathan Dolle, a senior from Cincinnati, had thought a lot about EQ and leadership even before he started working with Price on the Engineering Emotional Intelligence course.

“Because I found service to be such a fulfilling activity in high school, I made it a priority when I arrived here at the UI,” said Dolle, who’s double-majoring in general engineering and philosophy.

As a freshman, Dolle got involved with the Alternative Spring Break, a UI/YMCA program that sends students across the country during spring break to work on projects such as youth violence and intervention programs in Detroit, migrant farm worker unions in Texas, and environmental preservation in Virginia.

“Perhaps the single most important lesson I’ve learned from ASB is the power of experiential-based learning, especially when linked with community service,” Dolle said. “I have yet to encounter an experience I’ve seen more actively engage and impassion a student. And the result?”

When that student returns to the classroom, new connections are made and new lessons are learned – his or her experience becomes a ‘mental laboratory’ for processing classroom material. Thus, the classroom becomes a more effective means of developing student leadership.

“And that’s something that I really like about this new leadership program. They are trying to build levels of skills. They see it as a continuing process all interrelated and all important.”

What Dolle finds particularly important and challenging about this new philosophy of leadership is that the UI’s effort to “really expand the circle – to go beyond the standard chorus of 100 to 150 student leaders who typically attend all the standard leadership programs” – and to reach out to “if not actively engage – the other 99.5 percent of campus in the new programming. This requires tremendous effort on the part of the university, as these leadership development activities will have to meet the needs of an eclectic student body.”

The PHILOSOPHY of “ANYONE CAN LEAD”

At the University of Illinois at Urbana-Champaign, we believe that all students can exercise leadership. Leadership does not require formal authority or position and can be practiced by anyone interested in making a contribution and influencing a more positive future.

Leadership is a process of mutual influence directed at achieving purposeful results. The development of leadership begins with personal initiative and awareness - understanding one’s passions, motivations, strengths, limits and personal values. The process of self-discovery is ongoing, and the pursuit of leadership requires perseverance and a commitment to perpetual learning.

Building trusting relationships is essential for the work of leadership. Leadership never happens alone. By incorporating the diverse skills and viewpoints of others, individuals are empowered and group energy is mobilized to pursue collective goals. The practice of leadership is in nature and includes a responsibility for the rights and welfare of those inside and outside of the group.

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Cholesterol levels not always indicative of cardiac health

By Jim Barlow
News Bureau Staff Writer

Cholesterol levels may reflect a person’s diet, but they say little about cardiac health, researchers say. In a new study, cholesterol levels were found to be under so-called danger levels for 750 men and women who had serious blockage of coronary arteries – and had bypass surgery – after complaining of chest pains and undergoing cardiac catheterization.

Researchers also found that elevated levels of four oxysterols – metabolic products of cholesterol made in the liver – were present in the patients with seriously blocked arteries. They conclude that plasma cholesterol levels should not be relied on as a measure for potential heart disease. Their findings appear in two studies in the March issue of the journal Atherosclerosis.

“If you have a chest pain, you better have it checked out thoroughly, and don’t be satisfied with even a treadmill run or an EKG [electrocardiogram],” said Fred A. Kummerow, a professor emeritus of food chemistry at the UI. “Have a cardiologist check you out. You cannot depend on your cholesterol level to indicate heart disease. You cannot depend on your HDL, LDL ratio.”

Kummerow and colleagues from the UI and Carle Foundation Hospital in Urbana, Ill., studied 1,290 patients who were cardiac-catheterized. Sixty-three percent had at least 70 percent of their arteries blocked – enough to warrant bypass surgery. Of the 506 men who had a bypass, only 71 (14 percent) had plasma cholesterol levels above 240. Fifty percent had levels below 200. Thirty-two percent of the 244 women who had bypass surgery had levels above 240; 34 percent were below 200.

The second study looked at the plasma of 105 of the catheterized patients who had angina (chest pains). All of them had elevated levels of four oxysterols. When these oxysterols were added to blood taken from a control group of angina-free patients, there was a marked influx of calcium into arterial cells – similar to that found in the patients with chest pain. Calcium infiltration is the hallmark of heart disease.

“This study has identified why members of families in apparent good health may suddenly develop angina,” Kummerow said. “Failure to recognize angina as a warning signal contributes to needless deaths from heart disease. Cardiac catheterization can determine if bypass surgery is needed.”

To date, a 3-to-1 ratio of LDL (bad cholesterol) to HDL (good cholesterol) is a low-heart-disease risk – with a total cholesterol of less than 200 being the most desirable. However, in this study, Kummerow noted, 51 percent of the catheterized men had levels below 200 but needed a bypass. Eating a well-balanced diet remains the best medicine to protect against heart disease, he said. Antioxidants such as vitamins E and C and those in vegetables and fruits can reduce oxysterol production and slow down calcification, but they won’t reduce existing problems, he added.

The Wallace Research Foundation of Cedar Rapids, Iowa, and the Carle Foundation in Urbana, supported the research.

PAIN, CONTINUED FROM PAGE 5

ACHIEVEMENTS, CONTINUED FROM PAGE 3

professional group for counseling center directors in the United States and Canada and has approximately 450 members.

education

K. Peter Kuchinke, professor of human resource education, was given the 1998-99 Outstanding Research Manuscript Award from the Journal of Industrial Teacher Education at its annual meeting of the National Association of Technical Teacher Educators.

Kuchinke’s award-winning article focused on the identification of training needs among production employees in small manufacturing organizations.

engineering

Jean-Pierre Leburton, professor of electrical and computer engineering and a member of the molecular and electronic nanostuctures research area at the Beckman Institute for Advanced Science and Technology, has been elected a fellow of the American Physical Society “for development of methods for solving the electronic structure of quantum dots.”

Louis Wozniak, professor of general engineering, received the Institute of Electrical and Electronic Engineers’ Power Engineering Society’s Prize Paper Award of the Energy Development and Power Generation Committee. The 1995 publication, “Efficiency Based Optimal Control of Hydrothermal Systems,” co-written with graduate student Phil Schmiter, was recognized at the 1999 summer meeting of the PES.

Wozniak, a fellow member of the institute, is currently serving the first year of a three-year term as editor of the IEEE Transactions on Energy Conversion.

fine and applied arts

Paul Kruty, professor of architectural history, was an invited speaker at the annual Hotel Patte Arts and Crafts Conference in Iowa. The theme of the conference was “Uniting the Useful With the Beauti- ful: The Ideas That Formed the Arts and Crafts Movement.” Kruty spoke on “Arts and Crafts Architecture in the Midwest.”

The 43rd Competition for Films and Video on Japan awarded David Plath, professor emeritus of anthropology, the Silver Prize for his entry, “Makiko’s New World.” Plath received the award at the award presentation ceremony in December.

liberal arts and sciences

William M. Calder III, W.A. Oldfather Professor of Classics, was invited by the St. Louis chapter of the Archaeological Institute of America to speak at the St. Louis Art Museum. His lecture, “Heinrich Schliemann’s Brilliant Fraud: The Agamemnon Mask,” was part of the exhibition “Masks: Faces of Culture,” the most extensive exhibition on the subject ever presented. The audience of more than 400 was the largest for anarchological lecture at the museum in almost 40 years.

Christopher Bardeen, professor of chemistry, was awarded a Research Innovation Award by the Research Corporation. Bardeen was recognized for “using shaped pulses to perform four-wave mixing experiments in microscopic sample volumes, with application to organic electronics.” The Research Corp., a foundation for the advancement of science, presents the award to encourage research that offers promise for significant discovery by beginning faculty members.

March 2, 2000

Inside Illinois

Page 7
Les and Rita Schulte

Not only do Les and Rita Schulte both work for the UI, but they work for WILL-AM-FM-TV in offices just down the hall from each other.

They’ve been working together since 1994, and so far haven’t encountered difficulties having the same orange-and-blue employer.

“It works out well for us,” Les said. “Even though we’re in the same building and the same department, we aren’t doing the same kind of work. So we really don’t have a lot of interaction during the day. We can go pretty much all day and not see each other.

“And we only have to take one car into work,” he added.

Rita said she won’t answer for her husband’s and keep track of him for co-workers.

“The standing joke is that if somebody comes in and wants to know if I can answer a question for him I tell them jokingly that I didn’t know it was my day to watch him,” Les said.

“Still, I can’t say that we’re interchangeable.”

The two have been married for 26 years, and have two daughters. Elaine, 24, is working on a Ph.D. in physics at the UI, and Jess, 21, is about to graduate with a bachelor’s in theater. They love to tell everyone that Jess played Juliet in Kranert’s “Roméo and Juliet” last fall.

Les and Rita met while in college at Joliet and after they both had graduated they carried on a long-distance romance through the age that our daughter is now. He couldn’t point answers. That was how we met. “And we dated off and on, all through college,” she said.

They never once considered their careers would put them on the same path, let alone in the same building.

“That’s kind of weird,” Rita conceded. But because of his background in broadcasting, he was a big help to her when she joined WILL, and especially when she had to make on-air appearances for fund drives. Les appears on camera during the fund drives also, but Rita said she avoids scheduling shows where they will appear together.

“I think that’s too cute.” she said.

“There’s something about that that kind of smacks of a sitcom or something.”

In their free time, the couple commits murder. For about a year they’ve been members of the Champaign-Urbana Theatre Co., which puts on murder mysteries. See SCHULTES, PAGE 9

Cleo and Steve D’Arcy

Working at the UI has been nothing but convenient and comfortable for faculty couple Steve and Cleo D’Arcy. For one thing, they eat lunch together just about every day. And they’ve both gotten to know a lot of people on campus while working on projects and serving on committees through the years.

Cleo is a professor of crop sciences and Steve is a professor of finance.

They came to the UI in 1978 after Cleo had finished work on her master’s and doctorate at the University of Wisconsin, Madison. While she was in graduate school, Steve worked in Madison as an actuary with a large insurance company.

When she took the position at the UI and they moved to Urbana, it was Steve’s turn to get his master’s and doctorate, which took about four years.

The two met at a residence hall meeting while undergraduates at Harvard University.

She explained that in the second semester of her freshman year her all-female residence hall decided to experiment with coed living. So eight women moved out and eight young men volunteered to move in and take their places. Steve was one of the volunteers.

“It was very different from living in a dorm with all guys in it,” he laughed.

At one of the first residence hall meetings, the two noticed each other.

“I was one of the officers [of the residence hall] and I was running part of the meeting, and he asked me some pointed questions about why we ran things the way we did,” Cleo said. “And I gave him some pointed answers. That was how we met.”

“And we dated off and on, all through college,” she said.

They were married after she graduated in 1973.

“He said the other day that we’ve known each other 30 years,” Cleo said. “And I pointed out to him that when we met I was the age that our daughter is now. He couldn’t believe that!”

Their daughter, Meriden, is a senior and their son, Grant, is a sophomore, both at Urbana High School. The couple spends a lot of time attending swim meets, musical performances, soccer games and other activities of their children.

They’re also longtime Illini sports fans. They hold season tickets to football and women’s basketball. And they also go to nearly every home game of the baseball team.

“We’ve been going to women’s basketball games since you could get in free,” Cleo said. “You could sit in the front row of the Assembly Hall because there were only 300 people there, so you got to know the coach, the team and the other fans. We also go to some men’s basketball games, but we don’t have season tickets – we don’t have time for season tickets – but we can usually follow them on television and radio. But we try to be loyal to the women’s team and the baseball team, which is again a smaller group of fans and you get to know the people.”

They’ve had season tickets for football through the “thick and thin,” starting in 1978 when they had student tickets in the east upper deck.

“We were in the upper deck in the student section but after a couple years, we decided we were too old to sit there and help pass the girls up through the crowd,” Cleo laughed. “So then we got staff tickets.”

“They haven’t gone to football bowl games yet, but plan to.

“That’s a post-kid activity,” Steve said.

“We have our goals for the time when the nest is empty,” Cleo added.

They also attend many events at Kranert Center for the Performing Arts, and the entire family goes to the Broadway series at the Assembly Hall. Both their children are percussionists and enjoy musicals.

Like many out-of-state students who come to the UI, they never intended to stay for long. Both are New Englanders who now realize that after 22 years here, the university and Champaign-Urbana are home.

“It’s been a great community,” Cleo said.

“We have marvelous positions here. We both love to teach. And although our disciplines are very different, we can share all kinds of ideas about teaching and talk about our classes – what worked, what didn’t.”

“This has been a really nice place to live and raise a family,” agreed Steve. “It’s a really good community in that way. It doesn’t take long to get to work, and you can live in nice areas with reasonable housing costs. And the schools are good here. There’s enough parent involvement and a good school system so the public schools are top notch here.”

Steve and Cleo have gotten to know a lot of people in the community and across campus after their two decades here.

“The university really does seem like a small community,” Steve said, especially after a walk across the Quad, where they frequently meet students, colleagues and neighbors.
The Office of Academic Human Resources, Suite 420, 811 S. Wright St., 2nd floor, has many faculty positions. More complete descriptions are available in that office during regular business hours. The Employment Center helps interested individuals develop applications for positions available at all UI campuses at www.wisconsinjobs.com. For further information or updates weekly and can be found on the UW Web site at: http://www.wiscjobs.com/ or http://www.wiscjobs.com. More information about the listings below may be obtained from the person in the listing.

faculty


University Laboratory High School. Teaching opportunities in the areas of foreign language education with an emphasis in teaching Japanese, Spanish, or French. Bachelor’s degree in Spanish, French, or Japanese. Contact: 333-2665. Closing date: March 15.

Applied Life Studies, College of. Director, budget and business management. This is a new position responsible for fiscal operations of the college. PhD or MBA preferred. Experience in university setting essential. Closing date: March 14.

Research programmer. Bachelor’s degree in computer science and thorough knowledge of computer databases and relevant computer programs. Experience in budget financial planning required. Contact: 333-8036. Closing date: March 15.

Information Technology and Communication Services Office. Research programmer. Bachelor’s degree and five years’ experience in computer science and thorough knowledge of computer databases and relevant computer programs. Experience in budget financial planning required. Contact: 333-8036. Closing date: March 15.

Academic professional

Administrative Information Technology Services. Senior network engineer. Bachelor’s degree in technical field and five years’ relevant distribution network experience required; master’s preferred. Knowledge of networks, network protocols, network protocols, network protocol configuration, set-up and support, routing configuration and support and firewall configuration required. Capable of meeting and evaluating customer needs, troubleshooting and correcting network problems, capable of working with UNIX servers, programming C, C++, PERL, JAVA, HTML, or any other language and computer systems. Previous experience in the research environment preferred. Available: May 21. Contact: 333-2311 or jsweat@sfasu.edu. Closing date: March 15.


Resident director, graduate halls. Master’s degree in higher education administration or related field; two years’ experience in human resources administration or related field; experience in university setting essential. Experience required. In employee relations labor relations or equivalent field. Available immediately. Contact Michael Herrington, Office of Residential Life, 300 Clark Hall, MC-548. Closing date: March 10.

Vice president of alumni relations. Bachelor’s degree, plus professional certificate—specialization in alumni relations. Experience in effective use of applications involving word processing, spreadsheet, internet and other relational databases desirable. Available immediately. Contact Michael Moody, (312) 358-4556 or nmoody@uifs.edu. Closing date: March 15.

University Library. Research programmer. Bachelor’s degree and three years’ experience in computer science and thorough knowledge of computer databases and relevant computer programs. Experience in budget financial planning required. Contact: 333-8036. Closing date: March 15.

Information Technology and Communication Services. Research programmer. Bachelor’s degree and five years’ experience in computer science and thorough knowledge of computer databases and relevant computer programs. Experience in budget financial planning required. Contact: 333-8036 or karentow@uillinois.edu. Closing date: March 15.

Institute of Aviation. Coordinator for human relations. Bachelor’s degree in human resources administration, labor relations or related field; two years’ experience in human resource administration or related field; experience in university setting essential. Experience required. In employee relations labor relations or equivalent field. Available immediately. Contact Michael Herrington, Office of Residential Life, 300 Clark Hall, MC-548. Closing date: March 10.

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Civil service employees and their dependents
Apply for scholarships by April 10

Civil service employees and their dependents may apply for scholarships from the Civil Service Advisory Committee to assist them with expenses related to attending an accredited institution. Deadline is April 10.

Applications are available electronically at www.pso.uiuc.edu/sac/. Hard copies are available at the Personnel Services Office, Operation and Maintenance Division and the Benefits Center. They also may be obtained from civil service representatives Gary Fry, Bernard Hettinger, Bob Schweighart or Tim Wood.

Established in 1984, the program usually funds eight scholarships. The purpose of the scholarship program is to help employees who are students.

On March 29, "Overview of Ethical Considerations in Survey Research" will examine key ethical issues that researchers should be aware of when conducting social and epidemiologic surveys. Informed consent, confidentiality, subject recruitment, collection of sensitive information and research with vulnerable populations will be included.

Ethical codes of several survey organizations also will be presented.

On April 5, SRL will host a "Questionnaire Design Clinic." Participants are encouraged to submit, prior to the session, copies of previous or current drafts of questionnaires. These samples will be used to highlight key principles of question and response wording, type, order and questionnaire formatting. Participants should submit questions or questionnaires for review by March 29 to Diane O’Rourke, SRL, 909 W. Oregon, MC-036.

Both seminars will be from noon to 1:30 p.m. To register, send e-mail to kirsh@srl.uiuc.edu or call 333-4273. Participants will be notified of the room assignment upon registration. A basic understanding of survey research methods is recommended as a prerequisite. Notes for seminars will be available from the SRL Web site, www.srl.uiuc.edu, just prior to each seminar.

The Center for Educational Technologies (CET) is hosting "WebCurrents," a series on using technology in teaching. Both seminars will be from noon to 1:30 p.m. To register, visit www.ansci.uiuc.edu/humane, or contact Susan Helmink at 333-2629 or susanh@uiuc.edu.

The all-day seminar runs from 9 a.m. to 5 p.m. The cost of $20 per person includes continental breakfast, lunch and a keynote address by Andrew "Flip" Filipowski, one of today’s most successful high-tech entrepreneurs, philanthropists and industry visionaries.

The event is open to the public. The schedule of symposium sessions will be available on the Web at www.uiuc.edu/uni/EnvEng/symposium/symposium.html. For additional information, contact Matthew Larson, student symposium chair, at malerson@uiuc.edu or 333-4457.

How to start a high-tech business

Registrations are now being accepted for the upcoming high-tech entrepreneur conference, techStart 2000, scheduled for March 22 at the Krannert Center for the Performing Arts. The conference will provide an opportunity for local entrepreneurs – or prospective entrepreneurs – to learn from experts about starting a high-tech business in Champaign-Urbana.

The one-day conference, from 7 a.m. to 6 p.m., features a keynote address by Andrew "Flip" Filipowski, one of today’s most successful high-tech entrepreneurs, philanthropists and industry visionaries. In addition, local high-
BRIEFS, CONTINUED FROM PAGE 10

tech entrepreneurs will share their success stories. There will be panel discussions on starting, running and funding a high-tech business as well as opportunities to visit with conference presenters and other entrepreneurs.

To register online visit www.techCommUni.org. For more information, contact Sue Hendrix at 351-6605.

Research proposals requested
Technology for pollution prevention
The Waste Management and Research Center (WMRC), a division of the Illinois Department of Natural Resources, is soliciting research proposals from private and public sectors within Illinois with focus on technology for pollution prevention, sustainable development, and industrial process and environmental test methods. Proposals dealing with metalworking fluids, perchlorate analysis, bio-technology in the context of pollution prevention, definition or demonstration of pollution prevention roles in community/regional revitalization and redevelopment, and the economic valuation of natural resources will be of special interest. About $500,000 will go to funding projects initiated in fiscal year 2001. A geared copy of the request for proposals and submission guidelines is available on the Web at www.wmrc.uiuc.edu or contact Julie Hafermann, project officer, at julieh@wmrc.uiuc.edu or 244-7269. Proposals are due April 7.

Experts to diagnose gardening problems
“Illinois Gardener” hosts plant clinic
Get a head start on spring gardening by bringing your sick plants or fresh clippings from trees, bushes or lawns to the “Illinois Gardener” Plant Clinic from 3:30 to 5 p.m. March 12.

“Illinois Gardener” host Diane Noland and other experts will be on hand in the lobby of Campbell Hall for Public Telecommunication to answer questions. The clinic will air live on WTTW, and many gardeners who come to ask questions will appear on the program.

The clinic will feature Jim Appleley identifying insects and how to control them; Denny Schrock analyzing perennials and trees; and Mike Brunk discussing trees, shrubs and prunings. Other experts include John Bodenstein, ornamentals and heirloom vegetables; Sandy Mason, general horticulture; Kaizad Irani, landscaping; Jack Hume, trees and lawn; and Gloria Young, perennial just and vegetables.

“Illinois Gardener,” which airs at 7 p.m. Thursdays, includes a call-in segment each week, but Noland said that this is the first opportunity for people to bring in plants or clippings from plants they’d like to have identified or analyzed. “It’s so much easier to identify a problem if we can see the actual plant or clippings from the plant,” she said. Noland suggested those who attend might want to bring a particularly beautiful plant to show on the air.

Parking for the clinic will be available in UI lot B-22 on Clark Street just north of Campbell Hall. Those attending the clinic should enter the north door on Clark Street.

June 30 deadline
Don’t forget your ‘floating holiday’
This year the traditional ‘spring break day’ has been replaced with a floating holiday. Staff employees (Civil Service) in a status, trainer, apprentice, provisional or learned appointment and academic staff members on contract for at least 50 percent time are eligible for the floating holiday.

Note that the floating holiday must be taken before June 30, and may not be carried over to the next fiscal year.

Civil Service employees with questions about the floating holiday should contact Labor and Employee Relations, Personnel Services Office, at 333-3105. Academic staff members should contact the Office of Academic Human Resources at 333-6747.

Chinese theater
A lecture-demonstration, "Introduction to the Kunqu Opera of China," will take place at 4 p.m. March 3, in the main lounge of Allen Hall. Isabel Wong, director of the Center for Chinese and East Asian Studies, will speak. This lecture will be part of a special evening at the center, which also includes the performance, "The Monkey King." The performance will be in the center's auditorium at 7:30 p.m.

Flexible hours, free training
Allerton needs volunteers
With more than 40,000 visitors each year, volunteers are needed to help at the Visitor’s Center at Robert Allerton Park. Whether it’s directing someone to the train station, the Sun Singer statue or providing historical information on the Allerton family, volunteers provide an important service to visitors of the park.

Prospective volunteers are encouraged to contact Tamein Holman, outreach associate, at 333-2127 or 762-2721. Job assignments can vary according to the interests of the volunteer and hours are flexible.

Early Music of the 21st Century Piano competition winner to perform
The fourth concert in the UI School of Music series “Early Music of the 21st Century,” will feature the recipient of the school’s first 21st Century Piano Commission. As the inaugural winner of the competition, graduate student Mei-Fang Lin will perform the winning composition in a program that takes place at 8 p.m. March 8 in the Foeinger Great Hall, Krammert Center for the Performing Arts. Lin also will play a selection of other original compositions, along with works by composers who have influenced her musical development.

The new award, which will be given annually to a musician-composer at the graduate level, was established through a gift to the music school by Richard Anderson and Jana Mason. Anderson is a professor of educational psychology at the UI, Mason is professor emerita of education psychology and in the Center for the Study of Reading, and is a senior in painting in the School of Art and Design. The couple’s goal in founding the award program is to perpetuate the creation of traditional piano music and encourage patrons of the musical arts to expand their understanding of the art form by listening to new works.

Community Practice Unit
Everyday veterinary care available
The UI Veterinary Medicine Teaching Hospital, highly regarded as a specialty referral center, now offers routine veterinary services as well.

The new Community Practice Unit was designed to meet the everyday needs of companion animals and their owners as well as play an important role in the teaching mission of the hospital. Headed by Dr. Kent Davis, the unit will provide veterinary students in the early years of the four-year Doctor of Veterinary Medicine program an opportunity to gain practical clinical experience.

Appointments are scheduled from noon until 7 p.m. Monday through Friday. An advantage of the unit is the accessibility to experts in veterinary specialties and high-tech medical equipment, if those services are needed.

Clients need to allow extra time for appointments than for visits to other veterinarians. Patients seen in the Community Practice Unit, like all service units at the teaching hospital, will first be evaluated by students before Davis sees the animal. Davis will staff the community practice service at all times, so clients will see the same doctor, though different students, from visit to visit.

We will perform all the functions that a private practice would,” says Davis. Annual vaccinations, examinations and health certificates; new puppy and kitten wellness examinations; and minor surgeries and laceration repairs are among the services offered.

Another feature of the community practice unit is an online pet health reference service. From the Community Practice Unit Web site, www.cvm.uiuc.edu/vmthelp, pet owners can e-mail their questions and receive a response within a few days from the community practice staff.

To reach Davis or the Community Practice Unit, call 333-5300.

Space, UI’s Chicagoland gallery
Urbana professor’s photos featured
Two new exhibitions will be on view March 3 through April 8 at a space, the Chicago gallery of the UI at Urbana-Champaign.

“Immanent Light: Architectural Photographs of Henry Plummer” emphasizes the importance of light as a creative tool in architecture. The photographs, which include single images, diptychs and triptychs, represent light-handling traditions handed down from varied cultures and eras, as well as recent experimental work with light by architects from different parts of the world.

Plummer is a professor of architecture at the Urbana campus.

“Strands: A British Exhibition Exchange With Helen Baker Alder, Knighton Hosking and Gordon Senior” showcases works on paper by this trio of artists. The exhibition is the second phase of an exchange, which began last year when works by six art and design professors from the Urbana campus were exhibited in England. The British artists hail from universities that participate in a study-abroad exchange for UI and British students. Alder is head of fine art at the University of Northumbria at Newcastle; Hosking heads the painting program at the University of Wolverhampton’s School of Art and Design; and Senior is course leader of the graduate program at the Norwich School of Art and Design in Norfolk.

An opening reception for both exhibitions is scheduled for 5 to 7 p.m. March 3 at the gallery, 230 W. Superior St., Chicago.

Space gallery hours are Tuesday through Saturday, 11 a.m. to 5 p.m.
ACES Open House educates and entertains ‘Beyond 2000’

By Jim Barlow

News Bureau Staff Writer

Want to get your hands on a strand of real DNA? Visitors can pretend to be a molecular scientist March 3-4 at one of several exhibits that reflect the “Beyond 2000” theme of this year’s College of Agricultural, Consumer and Environmental Sciences (ACES) Open House at the UI.

Open House hours will be from 9 a.m. to 4 p.m. both days. The gateway to the 11th annual ACES Open House will be the Plant Sciences Laboratory.

Inside the building, a hands-on, easy-to-use demonstration set up by the Biotechnology Center and the W.M. Keck Center for Comparative and Functional Genomics will give visitors a simple introduction to biotechnology, including photographs of the 3-D molecular structure of DNA. In addition, from 11 a.m. to noon and 2 to 3 p.m. both days, visitors can mix real DNA in solution in test tubes and actually pull out a long strand of the genetic building block of life.

“ACES Open House gives us an opportunity to educate and interest our visitors on the many new ways we’re helping to shape our food, human and natural resource systems,” said Scottie Miller, associate director of development and director of special events for the college. This year, the Open House will have many new exhibits, she said.

In addition to the Plant Sciences Laboratory, exhibits and demonstrations will be set up in the Stock Pavilion, the Agricultural Engineering Sciences Building and the National Soybean Research Center. Also open will be the Meat Science Laboratory, where visitors can purchase beef, pork and lamb products to take home.

Plenty of orange-and-blue Illini ice cream, sandwiches, snacks and drinks will be available in the Agricultural Engineering Sciences Building and Plant Sciences Laboratory.

In addition to the new exhibits, it’s scattered throughout the four main buildings, many of the usual favorites will be back. Visitors can milk a cow; see leaf-cutter ants at work; plant seeds; watch a sheep-shearing demonstration; and perp pigs and other animals. ACES deans and faculty and staff members will be on hand to answer questions about UI educational programs, research and outreach, as well as about the plans for the new Soo impeachment and the ACES Library, Information and Alumni Center, now under construction.

Visitors traveling in groups of 10 or more can get assistance at the Stock Pavilion. Prospective ACES students also can arrange organized walking tours around campus.

Other highlights:

• Plant Sciences Laboratory: plant and insect sensory garden; the World of Illinois Insects; the role of worms in agriculture; hands-on fun for children, floral design to music.

By James E. Kloeppel

News Bureau Staff Writer

Remote-controlled robots rescuing “hostages” while running an obstacle course, wild and wacky Rube Goldberg machines, and more than 150 exhibits ranging from spacecraft design to shape-memory metals are among the attractions awaiting visitors to the 80th annual Engineering Open House at the UI.

The event, organized by UI engineering students, will be from 9 a.m. to 4 p.m. March 3 and from 9 a.m. to 3 p.m. March 4. The UI Engineering Open House is one of the largest technological showcases of its kind in the nation, attracting more than 30,000 visitors each year.

This year’s theme – “Dawn of a New Age” – attempts to describe the engineering progress of the past millennium and express the promises of the next one.

“Engineering Open House gives students an opportunity to showcase their work and to show the public what science and engineering are all about,” said Clifford Chang, a UI engineering student and this year’s open house director. “We do this through interactive and entertaining demonstrations, exhibits and design competitions spread across the engineering campus.”

Highlighting this year’s celebration will be the 13th annual W.J. “Jerry” Sanders Creative Design Competition, sponsored by Advanced Micro Devices Inc., and named for the company’s founder, a UI alumnus. The theme for this year’s competition is “Mission 2000” and involves a race through a multi-level obstacle course in which students built, renovated and decorated their vehicles and must find rescue three small “hostages.”

“Racing two at a time, the vehicles must navigate around 130 randomly activated ‘mines,’ climb a water slide, traverse a pit filled with foam blocks, pass through simulated corn fields and then scale a mountaintop,” said Steve Hunia, a computer science major and this year’s contest director. “The students will be competing for over $5,000 in prizes.”

Approximately 25 teams will compete in the contest, which will be held both days in the Kenney Gymnasium Annex. In the high school design competition, students will pay homage to Rube Goldberg, a satirical cartoonist best known for his designs of ridiculously complicated gadgets that performed the simplest tasks in whimsical roundabout ways.

“The task this year will be to fill and seal a glass jar – a time capsule – with models of significant inventions from the 20th century,” said Ryan Chmiel, chair of the high school design contest. “We encouraged the students to dig through their attics and junk drawers to find the weirdest things imaginable to use on their machines, but no flammable objects or live animals will be allowed.”

Each machine must use at least 20 steps to accomplish the task. Chmiel said. Approximately 15 teams from central and southern Illinois high schools will compete in the contest, which will be held on March 3 in the Kenney Gymnasium Annex.

Younger visitors, too, will have an opportunity to test their creativity as they learn about science and engineering. On March 3, students in seventh and eighth grades will race mountain-top-powered cars constructed from recycled food containers. Grade school students will build towers of toothpicks straws capable of supporting golf balls. Both events will be held in the Illini Union.

A special on-site design challenge will be open to all ages on March 4 in the Kenney Gymnasium Annex. Supplies for the building projects will be provided.

“The heart and soul of Engineering Open House are the many exhibits featuring student research and projects sponsored by engineering societies,” said Brian Pokrzywa, this year’s exhibits director. “The exhibits will be located throughout the engineering campus. To help visitors find specific exhibits, we will place building maps at entryways.”

More than 130 exhibits, from chemistry to car crashing, will convey the technological wonders of the past millennium. For example, demonstrations of an automated robot that can walk on two legs, an online optical...
CALENDAR, CONTINUED

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• Friday
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  • Tuesday
  • Wednesday
  • Thursday
  • Saturday

CALENDAR, CONTINUED

Senior Open Studies Recital. Megan Nortrup, saxophone. 8 p.m. Music Building auditorium.

8 Wednesday

Graduate Recital, Marian Vivakiva, oboe. 8 p.m. Memorial Room, Smith Hall.

9 Thursday

Junior Recital. Stacy Forsythe, piano. 11 a.m. Recital Hall, Smith Hall.

Master of Music Recital. Penny Tao Xu, piano. 4 p.m. Recital Hall, Smith Hall.

Faculty Recital. Radub

Literary performance

Chamber music joins forces with the literary world when Du Camera of Houston presents "Marcel Proust's Paris" at 3 p.m. March 26 in the Foellinger Great Hall, Krannert Center for the Performing Arts.

Toren John Aler, the Americas String Quartet, and Proust scholar Richard Howard join Du Camera of Houston's artistic director and pianist Sarah Rohenberg for this performance of music by Beogrzltz, Debussy, Farré and Franck. Howard also will talk about Proust's life, collected works and the musical chamber orchestra, so be there with the author, in a Prelude discussion at 2 p.m. in the Krannert Center lobby.

Saturday at 1 p.m by Louis A. Perez, Jr., University of North Carolina. For more information and to register, visit www.cnted.uic.edu/index.html or call 333-1465. International Monetary Fund, Continuing Education Affairs and Latin American and Caribbean Studies.

4 Saturday

Engineering Open House: "Dawn of a New Age." 9 a.m.-5 p.m. Kennedy Gym. Design contests and more than 150 exhibits will be featured. For more information, send e-mail to madamezy@uic.edu or visit the Web site at eeh.csn.uic.edu.

5 Monday

Saturday. "International Monetary Fund, Continuing Education Affairs and Latin American and Caribbean Studies.


10 Friday

Dwight Atkins Tennis Center.

30th Annual Central Illinois World Affairs Conference: "Cuba and the United States: A Time for Change?" 5:30 p.m. Robert Moskow Student Center, Bradley University, 1501 W. State St., Champaign. Previews, Conferences events include background panels and panel discussions. Friday evening at 8:15 p.m. Fernando Ramirez or Eduardo, Cuban Interests section. www.nato.org, D.C., will give the keynote address. "Cuba and the United States: Time for a New Beginning." The "United States and Cuba: A Look to the Future," will be given on Wednesday at 11 a.m. by Louis A. Perez, Jr., University of North Carolina.

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lectures sponsored by the Center for Advanced Study and MillerComm continue throughout the semester, ranging from topics such as the gender gap to environmental governance. An ambitious lushed campus forum for sharing scholarship and ideas from a range of disciplines, the series is supported with funds from the George A. Miller Endowment and various campus co-sponsors. The remaining lectures:

- **March 21, 7:30 p.m.** – “Show Biz Across Cultural Systems.” James A. Boon, a professor of anthropology at Princeton University, will be visiting campus as a George A. Miller Endowment Contributing Lecturer.

- **March 22, 7:30 p.m.** – “Closing the Gender Gap: Post-War Educational and Social Changes.” A professor of sociology of education at the University of Cambridge, Madeline Arnot, will be on campus as a Miller endowment professor.

**Clowning around James A. Boon will discuss “Show Biz Across Cultural Systems” at 7:30 p.m. March 21.**

"Beard.” Roger Shattuck is a professor emeritus of modern foreign languages at Boston University. His lecture will take place in conjunction with the symposium “Proust 2000,” scheduled for April 13–16 at the Krannert Art Museum.

- **April 14, 4 p.m.** – 407 Levis Faculty Center. "Mapping Transnational Women’s Movements: Globalizing the Local, Localizing the Global." Amrita Basu is a professor of political science and gender studies at Amherst College.

- **April 20, 4 p.m.** – Heaven and Earth: Images and Strategies for Representing the Planet." Sheila Jasanoﬀ is a professor of science and public policy at Harvard University.

- **April 28, 4 p.m.** – Location to be determined. "Teleepistemology: Descartes’ Last Stand." Hubert Dreyfus is a professor of philosophy at the University of California at Berkeley. All lectures, unless otherwise noted, take place on the third floor of the Levis Faculty Center. More information about the events listed will be available on the Web at www.cas.uiuc.edu or by calling the Miller Events Secretariat, 533-1118.

CAS/MillerComm lectures continue throughout semester
Howard University.

Ron Yates, the head of the journalism department, said Dash’s appointment recognizes not only his excellence in serving the journalism and Afro-American studies departments, but also the revolutionary journalism he did while with the Post.

“The incredible and excellent work he’s done before he got to the university, and continues to do at the university, make him an excellent choice,” Yates said.

Green, who joined the UI faculty in 1992, has made “profound and lasting contributions to condensed matter physics and the physics of novel materials, particularly superconductors,” according to David Campbell, the head of the UI physics department.

“This she will continue her meteoric rise is indicated by her recent discovery of broken time-reversal symmetry in superconducting tunnel junctions—her most notable single research contribution to date,” Campbell said. This discovery challenged the Nobel Prize-winning theory that there is a left-right symmetry to particle motion.

Green is a member of the American Academy of Arts and Sciences, a fellow of the American Association for the Advancement of Science and a fellow of the American Physical Society. She received the Maria Goeppert-Mayer Award from the APS and the U.S. Department of Energy’s Ernest Orlando Lawrence Award.

Green received a bachelor’s degree and a master’s, both in physics, from Ohio State University. She also received a master’s in experimental physics and a doctorate in physics, both from Cornell University.

Katzenellenbogen, a UI faculty member since 1971, has done award-winning research on how certain hormones and chemical signaling agents in cells affect the growth of cancerous tissues. While her work is directed at revealing fundamental biological mechanisms, she is equally interested in applying research discoveries to topical problems. Her laboratory is heavily involved in researching the development of anti-estrogen and tissue-specific estrogens for breast-cancer treatment and menopausal hormone replacement. She received a MERIT Award from the National Cancer Institute, which provides long-term funding to select scientists whose research is considered of exceptional quality and importance.

“She is truly an outstanding scientist who has, over many years, established a reputation for international prestige,” said Philip Best, the head of the department of molecular and integrative physiology. “She has a very long history of very significant contributions not only to science, but to the scientific community.”

Katzenellenbogen, a member of the National Academy of Arts and Sciences, received a bachelor’s degree from the City University of New York, and a master’s and a doctorate, both from Harvard University. She did postdoctoral work at the UI.

Hobson, a UI professor of music since 1975, was the youngest person to receive recital diplomas in piano and organ from the Royal Academy of Music, at the ages of 18 and 19 respectively. Since then, he has built an international reputation for his ability to master a wide repertoire and memorize complete cycles of obscure works that he has brought, or restored, to the attention of the musical public, according to nominator James C. Scott, the director of the UI School of Music.

Hobson also has extended his musical domain by developing an international reputation as a conductor. With his own Sinfonia da Camera and with orchestras around the world, he has brought his two “instruments” together for important appearances as pianist and conductor, Scott said.

“It is as a pianist, though, that Ian Hobson has made his greater mark on the profession. His ability to play virtually anything written for piano has given him an edge in Rachmaninov’s works and the notoriously difficult transcotions of Godovsky, which very few pianists ever attempt,” Scott said.

Hobson received a bachelor’s degree from Cambridge University, and two master’s degrees and a doctorate from Yale University.

Smart, a member of the UI faculty since 1979 and also the director of the National Computational Science Alliance, has been a leader in the creation of a national information infrastructure to support academic research, governmental functions and industrial competitiveness.

With the help of Professor Ken Wilson of Cornell University, Smart lobbied the National Science Foundation to make a massive investment in supercomputing. According to William Schowalter, dean of the UI College of Engineering, Smart is one of the few people who had the foresight to understand the important role computers would play in people’s lives.

“Would this revolution have occurred without Larry Smart?” Schowalter wrote in his nominating letter. “The answer is probably yes, but it would have happened in a less organized and slower way, and it might not have happened with its center so convincingly fixed in the United States.”

Smart earned bachelor’s and master’s degrees from the University of Missouri, a master’s at Stanford University and a doctorate from the University of Texas, and conducted postdoctoral work at Princeton, Yale and Cambridge universities.

The first recipient of a Swanlund Chair was English professor Richard Powers, an award-winning novelist who was selected in 1996. (See last at left for a comprehensive listing of the campus’s honorees.)

Swanlund, who died in 1993, provided the $12 million dollar endowment for at least 10 Swanlund chairs to attract leaders in the arts and sciences to the university or recognize current faculty members who have made outstanding contributions in their field. The awards are for five years and then they are up for renewal by the university. Swanlund, who received a degree in library studies in 1932 from the UI, donated $2.5 million for the construction of the Lester H. Swanlund Administration Building, named after her late husband, and $3.5 million for the renovation of Harker Hall, which houses the UI Foundation.