Sound thinking

By James E. Kloeppel
News Bureau Staff Writer

For someone with partial hearing loss, picking out a voice in a crowded social gathering can be hard, even with the help of a hearing aid. That’s about to change in a revolutionary way.

Scientists at the University of Illinois recently signed an exclusive licensing agreement with Phonak Inc., a leading manufacturer of technologically advanced hearing aids, to commercialize an intelligent hearing aid system. The new hearing-aid technology will be able to spatially separate sounds and process them in a way much like the human brain.

A key feature of the new system is its ability to integrate signals from each ear so that a listener can focus on a desired voice while canceling out background noise.

The concept for the intelligent hearing aid was developed by a team of 12 researchers at the university’s Beckman Institute for Advanced Science and Technology. Professors from the departments of physiology, electrical and computer engineering, and speech and hearing science contributed to the work.

“Today’s state-of-the-art hearing aids can select a voice in a crowd by applying highly directional microphones,” said Albert Feng, a UI professor of molecular and integrative physiology and leader of the Beckman team. “However, these devices cannot effectively differentiate between background noise and the desired conversation when the sources are in close proximity, causing confusion in noisy environments.”

By Andrea Lynn
News Bureau Staff Writer

Roger Ebert has announced the 12 films he will screen at his third annual film festival, among them Woody Allen’s 1996 musical “Everyone Says I Love You.”

“Ebertfest,” the off-beat film festival focusing on films, genres and formats that Ebert believes deserve wider attention, brings the films and many of their producers, directors and actors to Champaign-Urbana to showcase them for general audiences, distributors and critics from around the world. It is a special event of the UI College of Communications.

Ebert, a 1964 UI journalism graduate and a Pulitzer Prize-winning journalist, is the host and programmer of the festival. He also is the film critic for the Chicago Sun-Times and co-host of “Ebert & Roeper and the Movies,” a nationally syndicated television program broadcast from Chicago.

Ebert and the festival guests will be on stage before and after each film to join the audience in discussions about the films. Several free public panel discussions – all of them to be held on the UI campus – also are planned, most to be moderated by Ebert.

Of Woody Allen’s film, Ebert said: “Musicals are a threatened genre and Woody Allen is a gifted filmmaker whose astonishing range deserves more attention. Here is a film in which all of the actors sing their own songs in their own voices (except one, Drew Barrymore, who says her singing is ‘hopeless’). There is freshness in their performances, recapturing the directness of musicals like ‘Singin’ in the Rain,’ which blossomed before the genre sank under the weight of Broadway bloat. Allen stars with Julia Roberts in one of the film’s several unlikely love stories.”

For tickets or more information...

Festival passes are on sale:
- Virginia Theater box office
- Online at www.ebertfest.com
- Tickets for individual screenings also are on sale.

For more information:
- Nickie Dalton, n.d Dalton@uiuc.edu, 333-2350
- Nate Kohrn, n.kohrn@uiuc.edu, (706) 542-4272
- Melissa McPhipp, mmcpigg@uiuc.edu, 244-0562
- www.ebertfest.com

The festival is a non-profit production of the College of Communications and is funded by several outside sponsors.

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Festival guests and ticket information can be found on the festival Web site at www.ebertfest.com.

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Roger Ebert’s overlookded film festival is April 25-29

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Ebertfest is April 25-29

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“Everyone Says I Love You”

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“Girl On the Bridge”

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“Jesus’ Son”

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“The King of Masks”

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“Maryam”

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“Nosferatu”

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“On the Ropes”

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“Panic”

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“A Simple Plan”

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“Songs From the Second Floor”

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“3 Women”

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Reviews of the films, names of festival guests and ticket information can be found on the festival Web site at www.ebertfest.com.
The former students also are contributing photos and other mementos – varsity letter sweaters, truck shoes, wooden sorority pins – that document their experiences during the decade.

"On the campus itself, we didn’t feel any discrimination. But don't go in to town, Champaign or Urbana. In the largest theater in Champaign, they permitted blacks to sit in the back in the balcony. In the smaller ones, they wouldn’t admit blacks at all. Urbana was the same way. We did most of our things in the house, in the fraternity house, or on the campus..." 
– Albert C. Cornelius, ’38 bachelor’s, ’39 master’s, industrial education

"We were all in the same boat," said Sidney Dilks, class of 1928. Dilks also recalled a 1924 football game. While Red Grange was pulverizing Michigan on the field, another drama played off the field. Dozens of fans, having become stuck in the mud as they tried to get into the game, had to be plucked out of the muck, often leaving their shoes and boots behind. Dilks also remembered waking up on winter mornings and finding his blankets dusted with snow; the windows of his fraternity house had screens, but no glass. He went on to serve as a Ford County state’s attorney and practiced law for 60 years.

More than anything else, the alums remembered good times and camaraderie. "We were all in the same boat," said Kathryn G. Hansen, class of 1934, "so we became a very, very close group." The interviews and photographs are posted at http://gateway.library.uiuc.edu/ahx/slc. 

"The historical significance of the time period, the lack of first-hand accounts in archival holdings and the fact that alumni from this era are well into their 80s and 90s, make documenting their experiences urgently important," said Ellen Swain, the project leader and the archivist for the UI’s Student Life and Culture Archives, which is a part of the UI Archives. After they have been critically evaluated, the interviews will provide "a missing student voice or perspective on what it meant to attend at least one large university during an economic depression," Swain said. The project also traces changes in student life and culture, since it compares student activities of this era with those of the preceding decade – "a time of flourishing extracurricular activity," she said. In 1931, UI administrators relaxed the rules, believing that students should take more initiative and responsibility for their actions. Despite this increased freedom, Depression-era students became more serious about their studies and less involved in campus organizations.

Still, the participants recall fond memories of raccoon coats; colored caps, scarves and feathers to depict class rank; women’s social teas; Coke dates – and even cheaper, sorority pins – that document their experiences during the decade.

"The cook always saw that (I) got the best food," said Sidney Dilks, class of 1928. Dilks also recalled a 1924 football game. While Red Grange was pulverizing Michigan on the field, another drama played off the field. Dozens of fans, having become stuck in the mud as they tried to get into the game, had to be plucked out of the muck, often leaving their shoes and boots behind. Dilks also remembered waking up on winter mornings and finding his blankets dusted with snow; the windows of his fraternity house had screens, but no glass. He went on to serve as a Ford County state’s attorney and practiced law for 60 years.

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Inside Illinois is an employee publication of the Urbana-Champaign campus of the University of Illinois. It is published on the first and third Thursday of each month by the News Bureau of the campus Office of Public Affairs, administered by the associate chancellor for public affairs. Distribution is by campus mail. News is solicited from all areas of the campus and should be sent to the editor at least 10 days before publication. Entries for the calendar are due 15 days before publication. All items may be sent to Inside Illinois’ electronic mail address: insideill@uiuc.edu. The campus mail address is Inside Illinois, 807 S. Wright St., Suite 520 East, Champaign, MC-314. The fax number is 244-0161. The editor may be reached by calling 333-2895 or e-mail to d-dahl2@uiuc.edu.
UI CAREER: Robert H. Burger began his career at the UI in 1976 as a serials cataloger in the Slavic library. From 1989 until February of this year, Burger was head of the Slavic library. He assumed new responsibilities as associate university librarian for services on Feb. 21.

EDUCATION: He holds a bachelor’s degree in Russian language and literature from Tufts University, Boston; two master’s degrees – one in Slavic literature and another in library science, both from the University of North Carolina, Chapel Hill; and a doctorate in library science from the UI.

Tell me what you’re doing in your new position as associate university librarian for services.

This is a newly created position that’s responsible for both internal and external services. My job is really to work with all the librarians in our 42 departmental units that provide the library services. It’s one of those jobs where, when you read the job description, you wonder why anyone would apply for it. But it’s fun. It’s challenging. And I’m just delighted to be part of this. Delivering services is what we’re all about.

What are the challenges you’re facing in your new position?

I think the challenges that are facing me are the ones that all libraries are grappling with: recruiting, space problems, collections. There seems to be an increasing shortage of people wanting to go into academic librarianship and we have to be more aggressive about recruiting. Over the past 18 months, we’ve had lots of retirements, too. I think we have about 20 searches going on out of an 80-person faculty. We also have space problems. Our stacks are 92 percent full, and that may belie the fact that they’re more filled than they’re supposed to be. With regard to our collections, we’re having big problems with inflation of the costs of materials and all these new electronic resources that are coming on board that we try to provide along with print copies.

How have libraries been affected by the proliferation of information and technology?

People want information now; they don’t want to spend a lot of time trying to figure out how to get it. They want to be self-reliant. People’s expectations are higher. We can’t acquire all the information, so we’re trying to figure out how we can provide access to it when it’s not here. Our whole relationship with our users is changing.

Just finding information now can be a job because there’s so much out there. Do you see more training on the horizon for users to help us find what we’re looking for?

We’ve developed various kinds of teaching aids. We go into classes and give presentations on bibliographies of specific subjects. There are Web tutorials. We’re redesigning our Web page because we’ve realized that it’s not optimal. But people aren’t taking as much advantage of those things as we would like, perhaps because they think they know it already.

What types of new programs are in the works?

We’re renovating space for offline storage that we’re calling our Oak Street facility. It is based upon a model that’s been used at Harvard, Duke, Yale and other major universities. We’ll have a public service area there so people can pick things up within 24 hours. I think it will be open in the winter of 2002. Faculty library committees are deciding what books to put there to minimize inconvenience and so people can still get things from the stacks fairly rapidly. We’re also developing a new program for putting electronic reserves on the Web. It was tested with a select number of courses this semester and will be expanded in the future.

What do you enjoy most about librarianship?

I like working with the people in the individual libraries when they come across problems and trying to help them find the best ways to do things.

What types of things do you do when you’re not working?

I’m a yoga practitioner. My wife and I have a 13-foot sailboat that we’ve taken to Clinton Lake, Homer Lake and Carlisle. We like to travel to North Carolina and West Virginia. I also try to keep up with my three daughters, who are scattered around the world. My oldest daughter is a speech pathologist, and she’s married and living in New Zealand. My middle daughter graduated from college last year, and she’s coming back from Australia. The baby’s a freshman at Kenyon College in Ohio.

– Interview by Sharita Forrest
Flowchart this: AHA names Butler nation’s top history teacher

By Noah Iserson
Special to Inside Illinois

Chris Butler looks over his shoulder. “I’ll be right with you,” says the Uni High history teacher. “Just let me get this started.”

It’s the beginning of lunch hour on a Wednesday afternoon, and Butler is starting “Stalingrad,” a movie that Uni’s Historical Simulation Society is watching during lunch. Butler selects the scene, starts the DVD playing, walks over and sits down next to his interviewer, all the while hurriedly eating a sandwich.

“Sorry about that. I’m a little rushed today.” This is pure Butler. From films to simulations, he’s always willing to go the extra mile, to spend the extra hour to enrich the learning of his students.

Time research and selflessness has made him one of the school’s most beloved and respected teachers throughout his Uni career, now entering its 23rd year. The vast majority of the students he has taught consider him to be one of the best history teachers they have ever had. Now it’s official.

On Jan. 5, Chris Butler walked across the stage of the Constitution Ballroom in the Sheraton Hotel in Boston. He was applauded by some of the most distinguished historians in the United States as the American Historical Association presented him with the Beveridge Family Teaching Award, the highest honor a K-12 history teacher can receive.

“It was stunning,” Butler says. “This is the kind of recognition that you can’t really anticipate getting. The feeling was more of shock than anything else.”

The honor wasn’t the result of a pursuit of glory on Butler’s part. He was nominated by Barbara Wysocki, head of the Uni history department. After being selected as a finalist last April, Butler put together a 10-page packet outlining his thoughts on teaching and curriculum development, including some sample flowcharts and letters of recommendation from fellow Uni history teacher Bill Sutton and the Classes of 2000 and 2001.

In early November, Butler received a phone call (which the AHA asked him to keep secret) notifying him that he had, indeed, won the most prestigious award in his field. In addition to a $1,500 cash prize, he received an expense-paid trip to the AHA’s annual meeting in Boston, where he attended workshops and lectures by many prominent historians.

So what is so innovative about the way Butler views and teaches history? The answer, like most things about Butler, is complex and unique than one might expect.

“It may seem kind of strange, but the way the Grateful Dead performed at live shows is similar to the way I view history,” he says. “Everything was connected. The Dead would start with a particular song. That song would flow seamlessly into another song, and then seamlessly into another. Eventually, sometimes after five or six songs, the flow would return to the original.”

Butler applies this view of history as an interrelated flow of events into perhaps his single greatest educational tool: the flowchart. Flowcharting is essentially outlining the course of history in terms of causes, effects and various cycles along the way—all of which relate and interact to form a larger picture. He explains his method of teaching history in terms of the perception through the phrase: “I put a lot of work into creating, shall we say, the streamlined inter-state approach in the form of the flowcharts,” he says. “But I also try to keep it a little more organic as well.”

“Showtime!” he says, as though that were all he remembered. It is the signposts and the billboards along the way that make it interesting.” Once again, pure Butler.

His classroom teaching is essentially historical storytelling. It is structured, sure, but the flowchart for the lesson is always a little different every time. And of those many side roads, those scenic routes, I find to be worthwhile in their own right.”

The bell rings. Lunchtime is over. Mr. B, hurried as always, walks briskly toward the door as he heads to his next class. Looking over his shoulder, he grins.

“Showtime!”

Noah Iserson, a sophomore at Uni High, is a staff reporter for the school’s student newspaper, the Gargoyle. His story ran in the Gargoyle, Feb. 16, 2001.

About Uni High

Uni High is a 290-student, academically selective public school. As a lab school, it serves as an educational laboratory for research, development and leadership in the dissemination of innovative curricula and approaches to teaching and learning. For more information visit www.uni.uiuc.edu.

Program encourages collaboration between Urbana and Chicago researchers

By Becky Maloy
University Office of Public Affairs

Research projects that look at the possibility of restoring sight and of fighting cancer are under way on the Chicago and Urbana-Champaign campuses because of a first-time research initiative aimed at encouraging top professionals in biotechnology from both campuses to work together.

About $2.7 million is committed to the effort during the next five years through the offices of the vice president for economic development and corporate relations and the vice chancellor for research at Chicago and Urbana.

Vice President Chester Gardner proposed the idea to the vice chancellor to encourage researchers from both campuses to think of projects that could benefit from an inter-campus effort. Gardner says both campuses are among the finest in the country in biotechnology and biomedicine, but rarely do the scientists from the two campuses get the opportunity to work together.

“Unfortunately, the physical separation of the two campuses has impeded research collaboration,” he said. “With this program, we hope to establish links between the faculty that will leverage the capabilities of the two campuses.”

Five finalists were selected from 15 proposals received last fall. A faculty committee with members from both campuses chose two.

The first, led by David R. Pepperberg, professor of ophthalmology and visual sciences at Chicago, will look at restoring the capacity for signaling between cells in damaged nerve tissue. The goal is to restore the capacity for visual signaling within the retina of patients with retinal degenerative disease.

The second project, led by Carol A. Westbrook, professor of medicine at Chicago, will use the new genome technologies to look at all the genes in female uterus and breast tissue to see how the tissues change when exposed to estrogen, and how the response is different in normal and cancerous tissue. This research will look at as many as 40,000 genes at a time, resulting in so much information that computer scientists are needed to write programs for the findings.

“Although analyzing a large number of genes in cancer has been done before, combining the data from many different types of estrogen-sensitive tissues and cancers is a novel approach,” Westbrook said.

“If we get it working as planned, and the computer scientists can make sense of this amount of data, we’re going to learn a lot about female cancers.”

Although collaboration among outside universities frequently occurs frequently, Westbrook said she thinks this is the first time that an effort was made to partner with one of the other UI campuses.

Co-investigators at Urbana-Champaign are Benita Katzenellenbogen, Swanhild Professor of Molecular and Integrative Physiology; Harris Lewin, professor and director of the Biotechnology Center; Romana Nowak, professor of animal sciences; and Mark Band, director of functional genomics at the Biotechnological Center. Lei Liu, professor of animal sciences, is the computer scientist in charge of data analysis on the Urbana campus, and his counterpart at UIC is Fei Liang, professor of bioengineering. Other co-investigators at Chicago are Zaremara Arribia, hematology and oncology; Rajeshwari Mehta, surgical oncology; and Serdar Bulun, obstetrics and gynecology.

Two such proposals will be funded each year. One requirement for the projects is that they be able to sustain themselves with federal funds when the UI funding ends.

For information about the program, go to www.vped.uillinois.edu/irib.
Senate votes to establish committee to advise on research policy

By Craig Chamberlain
Nesis Bureau Staff Writer

For years, various committees and commissions of the Urbana-Champaign Senate have recommended that the senate should have its own committee on research policy.

It finally made a move in that direction at its March 19 meeting.

The new Research Policy Committee approved by a 55-35 vote, will not be a senate committee. Instead, it will be a campus committee appointed by the vice chancellor for research – mostly from senate nominations or after consultation with the senate.

The committee will advise the chancellor, the vice chancellor for research, and the senate on matters of research policy.

The votes that established the new committee followed an hour of debate, in which senators voiced their support or opposition to two alternative proposals and various proposed amendments.

One proposal, from the senate’s Committee on University Statutes and Senate Procedures (USSP), would have established a senate committee on research policy. But it was a substitute proposal, sponsored by Senate Council chair Robert Rich, that the senate approved.

The debate started with several senators voicing their opposition to the substitute proposal, among them H. George Friedman and Geneve Belford, both professors of computer science. Friedman’s argument was that past cases of forming committees that report to both the senate and administration showed that they simply didn’t work well.

But a number of senators also voiced their support for the substitute proposal, among them Emily Watts, a professor of English, and Nancy O’Brien, a professor of library administration.

One point made by several supporters was that the committee could be a possible example of shared governance between the senate and the administration.

Rich said one reason for offering the alternative proposal was that he thought the campus committee – rather than a senate committee – would give the senate a more effective role in deliberations over research policy.

Wes Setz, a professor of agricultural and consumer economics, noted that there was a general consent that a research policy committee was needed, and he thought the substitute proposal was the better of the two. But he also pointed out that the committee could always be changed at a later date if the senate did not feel it was working.

The makeup of the new 16-member committee:

- A chair appointed by the vice chancellor in consultation with the senate.
- An representative from the Campus Research Board, appointed by the vice chancellor, who will serve as a liaison between the senate and administrative units.
- The dean of the Graduate College.
- Eight faculty members, serving two- or three-year terms. Student senators will be consulted on these nominations.
- Two faculty members appointed directly by the vice chancellor, also with alternating two-year terms.
- A graduate student appointed for a one-year term, nominated and selected in a similar fashion to the graduate student members. (The slot of an undergraduate student was not part of Rich’s original proposal, but was approved as an amendment.)

In other business, action was suspended on a motion taken Feb. 12 regarding the Campus Research Board. Chancellor Michael Aiken, in his role as chair of the senate meeting, agreed to have the senate reconsider the vote at its next meeting after Peter Loeb, a professor of mathematics – who voted for the motion – raised concerns that several senators misunderstood what they were voting on at the time.

That 50-46 vote called for moving the Campus Research Board from the Graduate College to the province of the vice chancellor for research, along with several other changes.

The senate also voted to eliminate its Committee on External Affairs, through a proposal from USSP. The proposal noted that the Committee on External Affairs had recommended its own elimination in a 1980 report, and had not even reported to the senate since 1995.

During question and discussion time prior to the senate’s main agenda, Harry Hilton, a professor of aeronautical and astronautical engineering, raised an objection to the chancellor’s recent e-mail to faculty and staff members warning against contact with prospective student-athletes. The e-mail was sent after reports that critics of Chief Illiniwek were considering contacting student-athletes to inform them about the Chief controversy and maybe suggest they consider going elsewhere.

He urged Aiken to revoke the message or tone it down.

In prepared statement, Aiken responded that the university “values and defends the principles of free speech and academic freedom” and “was not seeking to interfere “with the expression of views regarding matters of public concern.”

But he reiterated concerns raised in the e-mail and urged that faculty and staff members use numerous other means available to influence university policy. “We expect members of the university community to express their viewpoints without violating NCAA rules concerning contacts with prospective student-athletes,” he said.

In the wake of the chancellor’s e-mail, the American Civil Liberties Union was expected to file a suit this week challenging the university’s position.

Deaths

Madhavarao Balachandran, 62, died Sept. 29. Balachandran served on the UI faculty from 1972 to 1999 and was head of the Commerce Library for 17 years.

Kenneth Bickford, 79, died March 11 at Simi Valley, Calif. Bickford was a commercial artist II in Instructional Resources. He worked at the UI from 1966 until 1980.

Robert L. Black Jr., 72, died March 11 at his Champaign home. Black was a professor in business law for the UI College of Commerce and Business Administration more than an hour of debate, in which senators voiced their support or opposition to two alternative proposals and various proposed amendments.

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### Academic Professional

#### Academic Outreach
Visiting researcher programs, including the following: 
- Bachelor’s degree or higher; two years' practical experience in academic or research computing. 
- Proficiency with new and changing technologies required. 
- Available: June 29. Closing date: April 30.

#### Administrative Information Technology Services
- Bachelor’s degree in computer science, management information science, or a related technical field. 
- Proficiency with the MS Office Suite required. 
- Available online. Academic professional positions are listed at www.uihr.uillinois.edu/jobs. Faculty positions are listed at http://webster.uihr.uiuc.edu/ahr/jobs/index.asp. 
- Closing date: May 31.

### Business and Financial Services
- Bachelor’s degree in computer science, management information science, or a related technical field. 
- Must have a bachelor's degree with at least three years' relevant experience. 

### Cell and Structural Biology
- Bachelor's degree in science, disciplines related to biology, chemistry, or physics. 

### Commerce Administration
- Bachelor’s degree in business administration. 
- Must have at least five years' experience in a similar position including project management, planning and operations skills, proven leadership and strong interpersonal skills required. 

### Computer Science
- Bachelor’s degree in computer science, computer engineering, or software engineering. 
- At least five years' experience in a business or a closely related field. 
- Proficiency with new and changing technologies required. 
- Available online. Academic professional positions are listed at www.uihr.uillinois.edu/jobs. Faculty positions are listed at http://webster.uihr.uiuc.edu/ahr/jobs/index.asp. 
- Closing date: May 31.

### Library and Information Sciences
- Bachelor’s degree in library and information science or related field required. 
- Masters degree in library and information science or related field required. 

### Marketing
- Bachelor’s degree in business administration. 
- At least three years' experience in a closely related field. 

### Natural Resources and Environmental Sciences
- Bachelor’s degree in agriculture related degree required. 
- Must have a bachelor's degree with at least three years' relevant experience. 

### Technology Management, Office of
- Bachelor’s degree in engineering. 
- At least five years' experience as a plant manager or engineer. 
- Availability required for assistant professor. AES applicants apply online and submit the application. 
UI Library celebrates gift of papers

Journalist, author to be honored

Shana Alexander, a prolific and highly lauded journalist and author, will be honored April 17 during a celebration of the gift of her papers to the UI Library.

Alexander, a former journalist for Life magazine and columnist for Newsweek, was the first female editor of McCall's magazine. She was a commentator on "50 Min-

ute" with James Kilpatrick, and is the author of numerous books, including "Anyone's Daughter," "Very Much A Lady," "The Pizza Connection" and "The Astonishing Elephant".

Poet Maya Angelou, the author of "I Know Why the Caged Bird Sings," also will be on hand to honor her friend during the event, which will be from 3:30 to 5 p.m. April

17 in Foyle Hall.

Other speakers include Provost Richard Herman; uni-

versity librarian Paula Kaufman; Barbara M. Jones, pro-

fessor and head of the Rare Book and Special Collections Library, and Kim B. Rotzoll, dean of the College of Communications and professor of advertising.

The Shana Alexander Collection, a significant addition to the holdings of the Rare Book and Special Collections Library, provides a glimpse into the remarkable career of a talented journalist and author who covered an extraordin-

ary period in American history. It will serve as an invaluable resource to the new generation of interdisciplinary scholars in fields such as women's studies, communica-

tions research, and social and family history as well as the art and craft of nonfiction writing.

Admission to the April 17 event is by ticket only. For more information, call 333-5863.

Center for Educational Technologies

Copyright issues addressed April 5

James Hilton, special assistant to the provost for media rights at the University of Michigan, will give a public lecture, "You Can Run But You Cannot Hide; Copyright and Academic Culture," from 3:15 to 5 p.m. April 5 in 112 Gregory Hall.

Hilton will share his experience at Michigan where he and his colleagues have developed strategies for untangle-

ning the complexity of issues regarding copyright and fair use of materials for the Web.

The free event is sponsored by the Center for Educa-

tional Technologies. To reserve a space, visit www.cet.uiuc.edu/april5register.asp or call 333-1078 for more information.

Faculty award for international achievement

New award deadline is April 16

A new award has been established to honor faculty members who have distinguished themselves in teaching, research and public service in the international dimension of their discipline or subject matter.

Nominations for the Distinguished Faculty Award for International Achievement should be sent to Associate Provost Earl D. Kellogg, 303 International Studies Build-

ing, MC-480. The deadline for nominations is April 16.

Further information, including eligibility, nomination procedure, selection criteria and a form for selection can be found at www.ips.uiuc.edu/dufa/index.html.

School of Music and Beckman Institute

Spring concerts series continues

The School of Music and the Beckman Institute for Advanced Science and Technology will continue their Thursdays at Twelve Twenty spring concert series. The remaining concerts, held in the Beckman arena, use the following criteria for selection:

April 5: Piano students from the studio of Professor William Heiles

April 12: Eun-Jun Yoo, harp

April 19: Clarinet Choir: Barry Chesky, conductor.

Concerts begin at 12:20 p.m. and end at 12:50 p.m. Box lunches may be ordered in advance from the Beckman Café by calling 244-1792.

Labor balladeer

Noted labor balladeer Joe Glazer will deliver a lecture on music and labor organizing — and sing some of his songs — on April 9 starting at 7:30 p.m. at the Institute of Labor and Industrial Relations. Glazer’s autobiography, “Labor’s Troubadour,” was recently published by the UI Press.

During his 50 years as a labor activist, Glazer has recorded more than 30 albums, cassettes and CDs of work and political songs and songs of social commentary. He has shared the stage with presidents from Harry Truman to Bill Clinton and been involved with such labor leaders as Walter Reuther, Philip Murray, Cesar Chavez and George Meany.

Between noon and 1 p.m. April 9, Glazer will appear at the "Author's Corner" located on the second floor of the Illini Union Bookstore, where he also will sing. Both events are free and open to the public.

CCSO announces

New version of UArchive released

Computing and Communications Services Office re-

cently released a new and improved version of UArchive. UArchive is an electronic archive of locally maintained and/or supported software and local mirrors or replicas of many well-known software and document collections on the Internet. Local mirrors are quicker to access and download because they are geographically closer and allow users to avoid slow network traffic to distant servers. SIMTEL, info-mac, SunSite and newcoll.com are examples of what can be found in UArchive. The new version offers a better Web interface, a useful search engine and effective management tools. The archive is located at http:// uarchive.uiuc.edu. Questions or concerns about the archive can be directed to uarchive@uiuc.edu.

Krammert Art Museum

Petals and Paintings benefit

The UI Krammert Art Museum Council will host the ninth annual “Petals and Paintings” benefit April 21 – 22 in support of the museum’s upcoming exhibition, “Toulouse-

Lautrec: Artist of Montmartre,” and related educational programs.

Champaign florist Rick Orr is guest curator of “Petals and Paintings.” The exhibition features floral arrange-

ments created by regional floral designers, who respond to works of art selected by Orr from the museum’s permanent collection.

The gala opening reception takes place at Krammert Art Museum from 6:30 to 8:30 p.m., April 20. In addition to the many floral displays, the event features an evening filled with a variety of hors d’oeuvres, wine and music. During the evening there will be a raffle of an original work of art created and donated by Rosalyn Schwartz, a member of the UI art faculty.

Tickets for the “Petals and Paintings” benefit event may be purchased for $55, of which $45 is tax deductible. For information about the event and for reservations and tick-

ets, call Krammert Art Museum at 333-1861. Limited tickets will be available at the door.

The “Petals and Paintings” exhibition may be viewed during regular museum hours, from 10 a.m. to 5 p.m., April 21, and from noon to 5 p.m., April 22. The museum is free and open to the public.

Krammert Art Museum exhibition

Photography, architecture explored

The shared worlds of architecture and photography are explored in “Architectural Scenes: Photography, Buildings, and Culture in the 19th and 20th Centuries,” a new exhibition on view through Aug. 5 at the UI Krammert Art Museum.

The exhibition includes works by such noted photo-

graphers as Robert Macpherson, Adolphe Braun, Walker Evans, Alfred Stieglitz, Edward Westton, Louisa Conner and Bea Nettles. The exhibition draws from the museum’s photography collection and explores diverse architectural scenes of the 19th and 20th centuries from the Americas, Europe and Asia. In addition to the individual and serial photographs, the exhibition features vintage and contempo-

rary editions of illustrated books and magazines. “Ar-

chitectural Scenes” is guest curated by UI art history professor, Jordan Mendelson, with the assistance of graduate students Guisela Latorre and Patty Plummer.

A public reception and gallery talk by Mendelson will be at 5 p.m. April 18 at the museum.

The museum is free and open to the public from 10 a.m. to 5 p.m. Tuesday through Saturday with extended hours on Wednesday until 8 p.m. and from 2 to 5 p.m. Sunday.

Lunch-time entertainment provided

Picnic at the Plaza announced

Lunch-time entertainment, “Picnic at the Plaza 2001,” will continue at the new Arcade Plaza Courtyard Fridays from noon to 1 p.m. through May 4.

The courtyard is located on John Street adjacent to the Student Services Arcade Building, Illini Hall and the Turner Student Services Building.

UI Dining Services will have lunch carts available so picnickers can purchase lunch or snack items. Brown-bag dinners also are welcome. The remaining events:

April 6: Dance 2XS, dance troupe

April 13: Like Disco . . . but not really, Comedy improv group

April 20: The Other guys, a cappella group

April 27: No Strings Attached, co-ed a cappella group

May 4: To be announced

The series is a joint effort of the offices of the Dean of Students and the Vice Chancellor for Student Affairs to promote casual interaction among students and faculty and staff members.

Japan House

Garden talk, tea ceremonies planned

The welcome mat is out this spring at the UI’s Japan House, where a number of public events are scheduled during April and May.

• April 17: 6:30 p.m., garden talk and slide demonstra-

tion by Jim Bier focusing on Japanese stroll and walking gardens

• April 21: 10 a.m. to 4 p.m., spring open house featuring demonstrations of the tea ceremony, conducted throughout the day by members of the Urashen Tea Study Group.

SEE BRIEFS, PAGE 10
Chancellor honors staff members with 2001 CDSA

Seven employees have been selected to receive the annual Chancellor’s Distinguished Staff Award, which recognizes exceptional performance and service to the UI. Winners were honored at a banquet March 27, where each received $2,000 and a plaque. Recipients’ names also are inscribed on a plaque displayed in the Personnel Services Office.

Permanent staff employees with at least two years of service or retired employees in status appointments can be nominated for the award by staff or faculty members or students. A committee appointed by the chancellor recommends finalists; the campus director of Personnel Services, the vice chancellor for administration and human resources and the chancellor give final approval.

Listings of this year’s finalists and previous years’ winners are available on the Web at www.pao.uiuc.edu/cdsa.

Elizabeth K. Tomlin, secretary IV department of computer science

coordinator, Tomlin is a key contact person for undergraduates, helping students with academic problems or issues that arise as they navigate through the university.

In excerpts from their letters accompanying her nomination, graduates of the department talked about the pivotal role Tomlin played in their lives while they were at the UI. In 1998, she was honored with the Dads Day Award, which is based upon student nominations.

Nominator Chad Peiper, visiting lecturer in computer science, recounted how the personal attention and guidance Tomlin gave him as a graduate student, helping him enroll in a coveted undergraduate course that he’d been told was closed to him, has affected his life: “As a result, I eventually completed a master’s degree in computer science, concurrent with my doctoral study in historical materials and keeping the records.

B

William E. Knight research laboratory shop supervisor department of chemistry

Bill Knight began his career with the UI as a laboratory mechanic in 1985 and four years later accepted his current position of research laboratory shop supervisor.

Knight’s duties include supervising and assigning jobs to the laboratory mechanics in the machine shop, ordering materials and keeping the records.

Knight’s leadership abilities and his innovative design skills have made him a valued resource for students and faculty and staff members alike. His thorough knowledge of the skills and abilities of each of his staff members enables him to match projects and personnel to produce the highest-quality products.

Knight is always looking for new and better ways of doing things, according to nominator Edward E. Runyon, instrument maker. For example, the computer-ized mill Knight recommended has expanded the department’s capabilities and improved efficiency.

The presence of Bill Knight in the machine shop of the School of Chemical Sciences has opened the possibility, for me, to do experiments that I did not think possible,” wrote Thomas J. Hanratty, professor of chemical engineering.

Knight is always available to help students or faculty who seek him out for assistance with their projects. Although it’s not expected of him, he often produces drawings for those who need help with their designs.

“In honoring Bill Knight,” wrote Harry G. Drickamer, professor of chemistry, “you will be honoring the epitome of what makes this place an exceptional one for accomplishing experimental research. I find it difficult to place anyone else in his class.”

John P. Kruse, park attendant Allerton Park and Conference Center Office of Continuing Education

John P. Kruse has spent his entire 18-year career with the university as a park attendant at Allerton Park and Conference Center.

Kruse’s responsibilities include maintaining the buildings and landscaping as well as assisting in projects throughout the park, such as sculpture conservation and trail maintenance. Kruse also assists in coordinating the various events the park hosts and might be found setting up equipment or directing traffic.

Coordinating the weddings, concerts and other park events can be demanding and frustrating, yet Kruse seems to handle disruptions and last-minute changes with unwavering patience and good humor, according to his nominators.

John loves his job and it shows,” wrote Kimberlie Kranich, marketing specialist and promotions coordinator at WILL AM-FM-TV. Kranich has worked with Kruse the last three years coordinating Concert in the Park, the classical music concert in the park’s sunken garden.

“I never have to worry about getting the best customer service when John is on my team. Others on campus would be lucky to work with an employee like John,” Kranich wrote.

Kruse applies the same care and attention to detail to every job he does, no matter how large or small, according to David B. Bowman, park superintendent.

“He is a fine ambassador for the UI,” Bowman wrote.

Dr. William E. Knight, professor of chemistry, “you will be honoring the epitome of what makes this place an exceptional one for accomplishing experimental research. I find it difficult to place anyone else in his class.”

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Listings of this year’s finalists and previous years’ winners are available on the Web at www.pao.uiuc.edu/cdsa.
During her 18 years with the university, Kathryn Painter has braved many changes, both personal and professional, serving as an inspiration to those who know her.

As a secretary IV in the Graduate School of Library and Information Science, Painter’s responsibilities include creating and maintaining the department’s “Wall of Fame,” designing and creating plaques to honor departmental scholarship recipients and faculty awards. Painter also manages the department’s external funding as well as the department, state and ICR budgets. She also supervises the Division of Engineering Services staff.

Walle coordinated an office space and procedural reorganization that resulted in a 50 percent increase in productivity. Walle also led the development of the department’s “Wall of Fame,” designing and creating plaques to honor departmental scholarship recipients and faculty awards. Walle’s nominators all expressed admiration for her ability to master the technological as well as physical challenges that work and life have thrown at her, including losing an arm in a car accident a few years ago.

“Ms. Painter is clearly a pearl without price,” wrote Curt McKay, assistant dean. “Instead of allowing the loss of her arm to signal the end of her career here, she has continued to provide much of the typing service she previously provided and has eagerly learned new skills that make her even more valuable to the school than she already was.”

Mary Walle joined the UI in 1977 and transferred to the department of special education in November 1979. The entire faculty of the department nominated Walle for the award based upon her unselfish and conscientious professionalism.

Walle is the head secretary for 13 tenure-line and eight non-tenure faculty members in the department, but she also provides support to 20 additional academic professional and clerical staff members and 40-50 graduate assistants at the Children’s Research Center and Colonel Wolfe School. In addition, she is responsible for creating orientation sessions for all incoming graduate and undergraduate students. She also manages the department’s external funding as well as the department, state and ICR budgets.

Walle coordinated an office space and procedural reorganization that resulted in improved organization and efficiency. Walle also was instrumental in developing the department’s “Wall of Fame,” designing and creating plaques to honor departmental scholarship recipients and faculty awards. Her nominators all expressed their admiration for her ability to remain a high level of performance in a demanding job while battling multiple sclerosis the past few years.

“The way that she is dealing with this dramatic change in her life is inspiring to all of us,” her co-workers wrote. “She continues to be indispensable to the smooth functioning and congenial nature of our department.”

**Kathryn A. Painter, secretary IV Graduate School of Library and Information Science**

**Daniel L. Doolen chief instructional media systems engineer Office of Instructional Resources**

**Mary Walle, administrative secretary department of special education**

**John A. Boyd, computer programmer III, department of psychology**

A three-time nominee for the CDSA, John A. Boyd also won the 1999-2000 College of Liberal Arts and Sciences Staff Award. Boyd is the chief programmer for the psychology department Web pages and serves as the department’s chief consultant. In addition to writing code and testing software, Boyd analyzes program requirements, develops programming strategies and oversees the daily operation of the department’s instructional computer facilities.

However, he’s readily available to assist users when they call upon him. “John is our ‘go-to guy’ when we have a problem,” wrote professor Fritz Drasgow, who marveled at Boyd’s capability to provide prompt, courteous assistance to so many users. The faculty and staff members who nominated Boyd all praised his unique ability to communicate with users of all skill levels and experience. Nominator Edward J. Shoben, professor and department head, said Boyd’s problem-solving abilities and dedication have helped make the department one of the most productive in the country.

Moreover, Boyd is an avid learner, seeking out new information and resources applicable to users in his department, then disseminating his findings and recommendations so others can take advantage of new developments and applications. Boyd has written a series of user guides to help the department’s students and faculty and staff members use the computer facilities.

Boyd’s ability to solve both the complex problems that frustrate sophisticated users as well as the irritating, yet minor glitches that stump novices has made him a valued team member during his 15 years in the psychology department.
Inside Illinois

April 5, 2001

Annual graduate school rankings released

Graduate programs across a wide range of disciplines fared well in the latest rankings released by U.S. News & World Report in its annual "Best Graduate Schools" issue, which went on sale April 2.

UI units ranked in the top 10 nationally: agricultural engineering (second); the College of Engineering (sixth); the department of accountancy (first); and the department of psychology (third).

Within engineering, several units received high rankings: aerospace/aeronautical/astrophysical (eighth); chemical (10th); civil (first); computer (fifth); electrical (third); environmental (third); materials (third) and mechanical (fourth).

Several specialities within the psychology department also garnered high ratings: clinical psychology (ninth); cognitive psychology (third); experimental psychology (fourth); industrial/organizational psychology (sixth); developmental psychology (seventh); speech-language pathology (10th).

The College of Education was ranked 14th. Units within the college receiving top 10 rankings: curriculum/instruction (seventh); educational psychology (fourth); elementary education (fourth); secondary education (sixth); special education (fourth); vocational/technical education (fourth).

Other units receiving top 25 rankings: English (18); history (22); law (23); political science (23); social work (25).

Many, but not all of the rankings also will appear in the regular newstand issue of the magazine, also on sale April 2. Rankings also are accessible on the magazine's Web site: www.usnews.com.

New undergraduate rankings usually are published by the magazine in early September.

The magazine's editors point out that not all of the rankings released this week are based on new surveys: business, education, engineering and law are ranked annually. Others are ranked periodically.

Within the health discipline category used by the magazine, for example, the ratings for clinical psychology are new. Others (including social work and speech-language pathology) were published last year and are reprinted in this year's magazine.

The rankings for doctoral programs in the sciences were published in 1999 and are reprinted this year; this includes the biological sciences, chemistry, computer science, geology, mathematics and physics.

The ratings for doctoral programs in the social sciences and humanities are new (including economics, English, history, political science and psychology).

Workshop helps assistant professors with 'academic life'

The tenure track often is both tortuous and torturous, especially for scholars just beginning their academic careers. Around one blind curve lies the faculty evaluation, around another, a set of compliance policies and conduct guidelines.

In an effort to ease the journey, the Office of the Provost and the American Association of University Professors (AAUP) recently sponsored a two-day program for assistant professors on the Urbana-Champaign campus. As a result of the numerous positive post-event evaluations, the sponsors are considering making the event an annual one.

The workshop was intended to provide assistant professors with an introduction to some aspects of campus life that might have an impact on their success as members of our community of scholars,” said Emanuel Donchin, a professor of psychology and special assistant to the provost. Donchin and C.K. Gunsaulus of the provost’s office organized the program.

About 65 assistant professors attended the event, which covered issues such as the concept of tenure, the mechanics of tenure and working with graduate students.

"The UI assumes upon hiring an assistant professor that the new faculty member has the training, the record of success and the skills and motivations to ultimately gain tenure,” Donchin said. “It is with this in mind that the provost has initiated a number of projects designed to provide assistant professors with information about our tenure processes, as well as about other aspects of campus life."

Among those who spoke at the March 23-24 event held in the Psychology Building were Ken Andersen, professor emeritus of speech, who described the history and the role of the AAUP; Olga Soffer, professor of anthropology, who, along with Donchin, explained the mechanics of tenure; Richard Wheeler, professor of English and the dean of the Graduate College, who talked about working with graduate students; and Matthew Finkin, law, who discussed the concept of tenure.

Provost Richard Herman also spoke during the workshop.

He reviewed the tenure process and answered questions from the attendees. The concluding discussion, led by four recently promoted associate professors, Laurence Small (French), William Maxwell (English), Jeff Mogil, (psychology) and Paul Selvin (physics), examined the tenure process from the perspective of successful candidates.

Several of the presentations, as well as the workshop agenda, are at http://clp.psych.uiuc.edu/TacDev.

Board's ruling shapes hearing on proposed union

The Illinois Educational Labor Relations Board ruled March 27 that would presumably exclude most teaching assistants and research assistants at the UI from eligibility for a proposed labor union. This presumption could be rebutted for individuals or classes of assistants.

The board approved preliminary guidelines that would determine eligibility for voting in a union election. The next step is a hearing before an administrative law judge.

The board had ruled three years ago that graduate assistants were students and therefore, by law, not eligible to unionize. That ruling was reversed by a state appellate court, which said students should be excluded from union eligibility if the work they performed was so tied to their academic pursuits that unionization would be "detrimental to the educational process."
April 5 to 22

### Lecture Series

**Saturday, April 7**
- **The Secret History of Public Key Cryptography.**
  - Albert Baernstein, Massachusetts Institute of Technology. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Saturday, April 14**
- **Why Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.

**Saturday, April 21**
- **The Construction of Females Genital Mutilation.**
  - Evelyne Accad, UI. Noon. Center for Advanced Study. Center for Advanced Study.

**Tuesday, April 17**
- **Globalization, Growth and Demographic Change.**
  - Meghnad Desai, London School of Economics. 10:30 a.m. Room F of the Miller-McCormick and Buckingham Institute.

**Wednesday, April 18**
- **Two Hasbargans, Kafka’s ‘Judas and ZIonism.’**
  - Gershon Shaked, Hebrew University. 4:00 p.m. 1320 Digital Computer Lab. Computer Science.

**Thursday, April 19**
- **Smooth-Surface Recon-**
  - struction in Almost Linear Time. Edgar A. Ramos, Max Planck Institute for Computer Science. Saarbrucken, Germany. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Wednesday, April 25**
- **How to Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.

**Monday, April 3**
- **Law and Industrial Relations.**
  - Joe Glazer, E. J. Ballard.

**Tuesday, April 4**
- **Some Problems Involving Dihedral Groups of Maps.**
  - Anthony G. O’Farrell, National University of Ireland. 4:00 p.m. 2245 Algot. Mathematics.

**Wednesday, April 5**
- **Differences in Word Characterization and Antioxidant Potential of a Geographically Segregated Population of Broccoli.**
  - Anne Kurfeh, UI. 4:00 p.m. 150 Animal Sciences Lab. Plant, Nutritional Sciences.

**Monday, April 10**
- **From A Room of One’s Own to the Buddha’s Birthday.**
  - Yael S. Feldman, Ants University. 2 p.m. 2240 Digital Computer Lab. Computer Science.

**Thursday, April 12**
- **Vitamin E and Coronary Disease.**
  - Rina Dechter, Stanford University of California. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Wednesday, April 18**
- **Flavor Characterization and Protocols for Approximate Discovery and Maintenance of Large-Scale Web Data.**
  - Tracey C. McNamara, Georgia Institute of Technology. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Tuesday, April 17**
- **How to Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.

**Friday, April 20**
- **More Than You Know.**
  - Michael V. Klassen, University of Virginia. 2 p.m. 2240 Digital Computer Lab. Computer Science.

**Wednesday, April 25**
- **How to Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.

**Thursday, April 26**
- **Differences in Word Characterization and Antioxidant Potential of a Geographically Segregated Population of Broccoli.**
  - Anne Kurfeh, UI. 4:00 p.m. 150 Animal Sciences Lab. Plant, Nutritional Sciences.

**Monday, April 30**
- **From A Room of One’s Own to the Buddha’s Birthday.**
  - Yael S. Feldman, Ants University. 2 p.m. 2240 Digital Computer Lab. Computer Science.

**Wednesday, May 2**
- **Vitamin E and Coronary Disease.**
  - Rina Dechter, Stanford University of California. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Tuesday, May 8**
- **How to Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.

**Thursday, May 10**
- **Differences in Word Characterization and Antioxidant Potential of a Geographically Segregated Population of Broccoli.**
  - Anne Kurfeh, UI. 4:00 p.m. 150 Animal Sciences Lab. Plant, Nutritional Sciences.

**Wednesday, May 16**
- **Flavor Characterization and Protocols for Approximate Discovery and Maintenance of Large-Scale Web Data.**
  - Tracey C. McNamara, Georgia Institute of Technology. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Tuesday, May 22**
- **How to Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.

**Thursday, May 24**
- **Differences in Word Characterization and Antioxidant Potential of a Geographically Segregated Population of Broccoli.**
  - Anne Kurfeh, UI. 4:00 p.m. 150 Animal Sciences Lab. Plant, Nutritional Sciences.

**Wednesday, June 6**
- **Flavor Characterization and Protocols for Approximate Discovery and Maintenance of Large-Scale Web Data.**
  - Tracey C. McNamara, Georgia Institute of Technology. 4:00 p.m. 2240 Digital Computer Lab. Computer Science.

**Tuesday, June 12**
- **How to Do Fundamental Theories Need Interpreta-**
  - tions? Lawrence Sklar, University of Michigan. 4:00 p.m. 407 Levi Faculty Center. MillerComm.
Travel the world of VetMed at Open House April 7

The only veterinary school in the state of Illinois opens its doors to visitors on April 7 for its annual open house. Animal and science lovers are invited to attend the student-run open house of the UI College of Veterinary Medicine to learn more about animal health, the human-animal bond, and careers in veterinary medicine.

This year, kids will be challenged to find eight selected exhibits where they can get their “passports” stamped, so they can see the breadth of the veterinary field.

More than 40 exhibits and demonstrations allow visitors to milk cows and goats, peer into microscopes, and ask questions of veterinarians to be. A complete list of exhibits is on the Web at www.vetmed.uiuc.edu/openhouse.

The free event takes place from 9 a.m. to 3 p.m. at the Veterinary Medicine Basic Sciences Building at 2001 S. Lincoln Ave. The cafeteria will be open throughout the day. Large groups are welcome.

CALENDAR, CONTINUED

Theater

20 Friday

How To Succeed in Business Without Really Trying 8 p.m. Assembly Hall. Tickets available at Ticket Central or Assembly Hall box office, or charge by phone at 333-5000. Admission charge. Union Board.

Music

5 Thursday

Guest Artist Master Class. Christopher Taylor, piano. University of Wisconsin. 9 a.m. Memorial Room, Smith Hall.

6 Friday

Master of Music Recital. Yoojin Kim, piano. 9 p.m. Recital Hall, Smith Hall.

5 Saturday


20 Saturday

How To Succeed in Business Without Really Trying. 7 p.m. Assembly Hall. Tickets available at Ticket Central or Assembly Hall box office, or charge by phone at 333-5000. Admission charge. Union Board.

Theater

20 Theatre

20 12:00-12:50 p.m. Beckman Institute atrium. Piano students of William Moersch. Child admission charge. Union Board.

Music


Theater

20 18 Thursday

Second Sunday Concert. UI Symphony Strings, Edward Serv, conductor. 1 p.m. Recital Hall, Smith Hall. With the Hellenic Student Orchestra and Nexus Percussion. Donald Schirren, conductor. Works by Kreutzer, Tchaikovsky and Shostakovich. School of Music.

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Master of Music Recital. Jordan White, tenor. 11 a.m. Memorial Room, Smith Hall.

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CALENDAR, CONTINUED

Mike Mohr. Time: TBA. 160 Armory. For more information, call 333-2371 or 333-8295 or visit www.uiuc.edu/ro/armory. Armory Free Theater.

14 Saturday


20 Friday

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This year, kids will be challenged to find eight selected exhibits where they can get their “passports” stamped, so they can see the breadth of the veterinary field.

More than 40 exhibits and demonstrations allow visitors to milk cows and goats, peer into microscopes, and ask questions of veterinarians to be. A complete list of exhibits is on the Web at www.vetmed.uiuc.edu/openhouse.

The free event takes place from 9 a.m. to 3 p.m. at the Veterinary Medicine Basic Sciences Building at 2001 S. Lincoln Ave. The cafeteria will be open throughout the day. Large groups are welcome.

CALENDAR, CONTINUED

Mike Mohr. Time: TBA. 160 Armory. For more information, call 333-2371 or 333-8295 or visit www.uiuc.edu/ro/armory. Armory Free Theater.

14 Saturday


20 Friday

How To Succeed in Business Without Really Trying. 8 p.m. Assembly Hall. Tickets available at Ticket Central or Assembly Hall box office, or charge by phone at 333-5000. Admission charge. Union Board.

Theater

20 Theatre

20 12:00-12:50 p.m. Beckman Institute atrium. Piano students of William Moersch. Child admission charge. Union Board.

Music


Theater

20 18 Thursday

Second Sunday Concert. UI Symphony Strings, Edward Serv, conductor. 1 p.m. Recital Hall, Smith Hall. With the Hellenic Student Orchestra and Nexus Percussion. Donald Schirren, conductor. Works by Kreutzer, Tchaikovsky and Shostakovich. School of Music.

5 Thursday

Master of Music Recital. Jordan White, tenor. 11 a.m. Memorial Room, Smith Hall.

20 Thursday

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Multi-media opera "Dennis Cleveland" reaches out and speaks to America's fascination with the culture of media as it re-creates the confessional TV talk-show environment as theater with composer Mikel Rouse himself as both host and catalyst. The Midwest premiere is at 8 p.m. April 11 and 12 in the Tryon Festival Theater at Krannert Center for the Performing Arts.

Panel discussion scheduled in conjunction with 'Dennis Cleveland'

In conjunction with the UI production of "Dennis Cleveland," Krannert Center for the Performing Arts is hosting "Talking TV Talk: TV Talk Shows in American Culture," a free panel discussion at 4 p.m. April 12 in the center's Foellinger Great Hall.

Topics to be explored include the demographics of talk-show audiences and how such shows fill needs in people's lives.

The discussion, moderated by speech communication professor David Tewksbury, will feature Mikel Rouse, composer and creator of "Dennis Cleveland"; UI professor Andrea Press, who has joint appointments in the College of Communication and department of urban and regional planning, and Women's Studies Program and Bruce Williams, UI professor in the institute of Communications Research and department of urban and regional planning.

Panels also will include television industry professionals. Among them, UI theater department alumnus Fred Ruben, a television writer/professor and producer of film and television at the University of California at Los Angeles and Loyola Marymount, and an instructor for the Warner Brothers Writers Workshop and the Disney Writer's Fellowship; and Penny Chester, vice president and general manager of WCA-TV, Champaign.

By Melissa Mitchell

Women's Softball. 11 a.m. University of Iowa. Noon. Atkins Tennis Center.

13 Friday

"Double: Japan and America's Intercultural Children." Noon. Illini Union. With filmmaker Regge Life. For more information, e-mail asuc@uiuc.edu or call 244-9530. Asian American Studies Committee.

"Struggle and Success: The African American Experience in Japan." 7 p.m. English Building. With filmmaker Regge Life. For more information, e-mail asuc@uiuc.edu or call 244-9530. Asian American Studies Committee.

16 Monday

"Good Luck, Gentlemen!" Vladimir Borok, director. 7 p.m. 101 International Studies Building. With Russian and East European Center.

18 Wednesday

"Tokyo Story." Yasuo Ozu, director. 4 p.m. Krannert Art Museum auditorium. Part of the film series, "On the Town, The City in Film." For more information, e-mail catanzar@uiuc.edu or call 244-7913. Illinois Program in Asian American Studies.

20 Friday

"When Women Want." 7 and 10 p.m. UI vs. Northwestern University. Time: TBA. Eichelberger Field. Admission charge.

24 Monday

"Women's Tennis." 7 p.m. Fermilab. For more information, e-mail iuba@uiuc.edu or call 333-5663. Admission charge. Illini Union Board and Student Affairs.

26 Wednesday

"Stop the Presses." University of Illinois at Chicago. Noon. University Union. With filmmaker Regge Life. For more information, e-mail asuc@uiuc.edu or call 244-9530. Asian American Studies Committee.

30 Sunday

"Women's Tennis." 7 p.m. 101 International Studies Building. With Russian and East European Center.
Trombone ensemble featured

The UI Trombone Ensemble, featuring bass trombone soloist Andrew Williams, will perform for WFLM’s April 8 Second Sunday Concert.

The free concert begins at 2 p.m. at the Krannert Art Museum and Kinkead Pavilion, and will be broadcast live on WFLM (90.9/101.1) in Champaign-Urbana.

Williams, winner of the Bienen Chamber Orchestra Concerto Competition, is a master’s degree student of ensemble music director Elliot Chasanov. Williams will be featured in Eric Ezeanu’s “Concertino for Bass Trombone and Trombone Ensemble.”

The program also will include J.S. Bach’s “Passacaglia,” Evan Cleary’s “Sonata for Trombone Ensemble” and other works.

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MFA candidates display art

The annual Master of Fine Arts Exhibition presents new works by 16 artists who use a variety of media to investigate concerns central to their lives as artists and their interactions with society as a whole.

Greg Fidor, Untitled, 25 diameter x 8 high

Eunhi Hwang, Untitled I, 18" x 7" x 6", yellow brass, stainless steel, patina

The exhibition will be on display through April 15 at the Krannert Art Museum. The museum is open Tuesday through Saturday 10 a.m. to 5 p.m. and until 8 p.m. on Wednesday. It is open Sunday 2 to 5 p.m.

Scandinavian Coffee Hour
6-6:30 p.m. Wednesdays. The Broadway Company, 706 S. Goodwin Ave., Urbana.

Women’s Club
Open to both male and female faculty and staff members and spouses. The Women’s Club also has many special interest groups. Information about upcoming meetings and interest groups is posted on the Web at new.math.uiuc.edu/~wclub or call 333-3221.

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Rankings
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► Third largest academic library in North America
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General Information
Library staff........... 514 Library units ............ 42
For more information, visit the Library Gateway at www.library.uiuc.edu/
New treatment for muscular dystrophy promising in mice with most common form of illness

By Jim Barlow

Mice carrying the same gene deficiencies as humans with Duchenne muscular dystrophy experienced dramatic improvements in both their physical condition and life span following an experimental treatment by researchers at the UI.

By enhancing the production of a naturally occurring molecule on muscle tissue, the scientists reduced muscle-related problems and increased by three-fold the lifetime of affected mice. An article about the researchers’ work appeared in the March 19 issue of the Journal of Cell Biology.

The work suggests that a gene therapy or a pharmaceutical approach targeting the molecule may be possible for human treatment, said Stephen J. Kaufman, a professor of cell and structural biology and in the College of Medicine. “The implications are that you could do gene therapy with an integrin chain to treat a muscular dystrophy that’s caused by a membrane protein deficiency,” he said. “Or you could chemically stimulate integrin chain production from the patient’s existing integrin chain genes.”

Kaufman’s lab discovered the molecule in question—the alpha 7 integrin—in 1985. A deficiency of this molecule exists in several forms of congenital muscular dystrophy. Conversely, Kaufman and his colleagues found that more of the integrin is present in Duchenne patients. These patients fail to produce another protein, dystrophin, which muscles also require for structural and functional integrity.

This discovery led to the idea that excess integrin may compensate for the lack of dystrophin and another similar protein, utrophin. To test their hypothesis, Kaufman’s team used mice that did not produce dystrophin or utrophin, and they engineered them to produce even more of the alpha 7 integrin protein. Untreated mice developed debilitating muscular dystrophy, suffered severe weight loss and 50 percent died before reaching 12 weeks of age. Mice with enhanced alpha integrin production did not suffer severe muscular problems, maintained good mobility and lived to an average age of 38 weeks.

Duchenne muscular dystrophy, caused by a recessive genetic defect, affects one in 3,300 males. The disease usually begins in early childhood and often is fatal by age 30. It is the most prevalent of the muscular dystrophy family of neuromuscular diseases. Patients with Becker, limb girdle and other muscular dystrophies also might benefit from the approach used in the study, Kaufman said.

“The potential exists to enhance the expression of the endogenous normal alpha 7 integrin gene, or extend the lifetime of the alpha 7 protein,” he said. “This would even avoid the need for what we think of as classical gene therapy.”

Co-authors with Kaufman on the study were departmental colleague Dean J. Burkin, graduate student Gregory Q. Wallace and former graduate student Kimberly J. Nicot, all of the UI, and David J. Kaufman of the National Cancer Institute in Bethesda, Md. The Muscular Dystrophy Association and National Institutes of Health supported the research.

Simple control strategy derived for solar-sail spacecraft

By James E. Kloeppel

This year’s anticipated launch of the Planetary Society’s “Cosmos 1” spacecraft may usher in the long-awaited age of solar sailing. The performance of such spacecraft could be optimized with a simple control strategy developed by scientists at the UI.

“The concept of solar sailing originated in the 1920s, but only recently has technology advanced far enough to turn this dream into reality,” said Victoria Coverstone, a UI professor of aeronautical and astronomical engineering.

Powered by the sun, solar sails require no on-board propellant—making delivery of huge payloads across vast distances of interplanetary space possible. “For example, a solar-sail spacecraft could ferry provisions and equipment to Mars in advance of a manned expedition,” Coverstone said.

In a project funded by the Jet Propulsion Laboratory, Coverstone and John Prussing, also a professor of aeronautical and astronautical engineering at the UI, investigated the feasibility of using a solar sail to escape Earth orbit and venture out to the planets.

“The pressure of sunlight can indeed be used to gradually accelerate the spacecraft until escape velocity is attained,” Prussing said. “But, to achieve maximum performance, optimum orientation of the sail at each point in the orbit is required.”

The researchers derived an algorithm to continuously orient the sail in three dimensions in order to maximize the component of sail force along the desired trajectory. They submitted their findings to the Journal of Guidance, Control and Dynamics.

“The solar sail does not sail on the solar wind—the stream of charged particles that produces the familiar glow of auroras,” Coverstone said. “Instead, the solar sail uses sunlight in much the same way as a sailboat uses wind. Sunlight striking the sail will apply a force, which can be directed by tilting the sail. Because the force is small, however, the sail must be quite large.”

When launched into Earth orbit, the Cosmos 1 spacecraft will unfurl a solar sail consisting of 600 square meters of lightweight, aluminized mylar. The sail will be divided into eight “blades” or “pedals” roughly triangular in shape.

In April, the Planetary Society will test the deployment of two solar-sail blades during a short, sub-orbital flight. The actual mission—the first solar-sail flight of its kind—is scheduled for launch between October and December of this year.

“The success of that flight, as well as the continued development of efficient control strategies, could alter the course of future planetary spaceflight,” Prussing said.

Headquartered in Pasadena, Calif., the Planetary Society was co-founded by Carl Sagan, Bruce Murray and Louis Friedman in 1980 to advance the exploration of the solar system. With more than 100,000 members in 140 countries, the society is the largest space interest group in the world.

research news

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