Analyze this

Portable spectrometer to assist in artifact analysis

By James E. Kloeppel
News Bureau Staff Writer

Researchers in the Program on Ancient Technologies and Archaeological Materials have acquired a potentially powerful tool for analyzing the mineral composition of stone and ceramic artifacts. The instrument — called a Portable Infrared Mineral Analyzer — is fast, accurate, and perhaps most important, non-destructive.

“The PIMA spectrometer will allow us to analyze priceless museum artifacts, enabling us to determine the source of the raw materials used in their construction,” said Sarah Wisseman, the director of the ATAM program. “This information will be extremely useful to archaeologists and museum curators in tracing the cultural exchange of materials through history.”

The $24,000 instrument was purchased through a National Science Foundation research grant awarded to ATAM, in collaboration with the Illinois State Geological Survey and the Illinois Transportation Archaeological Research Program. The grant also provides financial support for researchers to perform a variety of first-time measurements.

“Because the instrument is both portable and non-destructive, we can take it into museums and obtain mineralogical profiles of stone and ceramic artifacts never before analyzed,” Wisseman said. “In addition to being prime archaeological specimens, many of these artifacts are gorgeous art objects — no curator is going to let you destroy part of them.”

The spectrometer’s potential application to archaeometry was recognized two years ago by Randy Hughes, a geologist with the ISGS, when he was consulting for a gold-mining operation in Nevada.

“We took some samples from the mine and analyzed them with a PIMA spectrometer in a nearby office,” Hughes said. “I realized right away that this little instrument was making fairly sophisticated mineralogical determinations that mirrored very well what I had previously found using more-expensive and time-consuming X-ray diffraction techniques.”

The instrument functions like a light meter, Hughes said. A beam of infrared light illuminates the sample and creates an absorption spectrum. The resulting spectral fingerprints identify specific mineralogical components in the sample.

“A central problem in archaeology is the accurate and cost-effective sourcing of materials in order to understand patterns of raw material procurement, artifact production and redistribution,” Hughes said. “The limiting factor has been the destructive nature of the measurement techniques, which cannot be applied to most museum artifacts. We expect that the PIMA spectrometer will prove its usefulness as a cost-effective, non-destructive means of mineralogical characterization for a wide variety of archaeological and geological materials, both in the museum and in the field.”

The instrument will be especially useful to field archaeologists who need rapid mineralogical assessment of plan.

See PIMA, Page 6

Content analysis Sarah Wisseman, director of Ancient Technologies and Archaeological Materials, and geologist Randy Hughes demonstrate the PIMA spectrometer, which will allow them to analyze artifacts without harming them.

South Pole brings solitude and friendships for researchers

By Becky Mabry
Assistant Editor

It’s quite a feat to be able to claim a visit to the South Pole in one’s lifetime. But to be able to claim visits to the South Pole and North Pole all in one year is an adventure few could imagine.

Yet that’s what a team of scientists from the UI accomplished in 1999 when they flew over the North Pole in June to measure the atmospheric temperature, and five months later were on the opposite end of the globe to measure atmospheric temperature at the South Pole.

One of the team members, Xinzhao Chu, a 31-year-old visiting postdoctorate from Beijing, lived at the South Pole from Nov. 24 through Feb. 5.

“Unforgettable place! Unforgettable people! Unforgettable time!” she e-mailed her friends just hours before leaving the South Pole base.

But Chu concludes that when she first arrived at that desolate spot on the bottom of Earth, she wanted to leave as soon as possible. The temperatures during the summer months there are about 30 below zero Fahrenheit, the wind blows constantly at about 12 mph, the sun never sets and the air is some of the driest on the globe.

But in time, she felt very comfortable there. And she discovered there are so few distractions that it is a wonderful place for a scientist to work.

Chu’s colleagues on the UI research team are Chet Gardner, interim vice president for academic affairs and professor of electrical and computer engineering; George Papen, associate professor of electrical and computer engineering; and Weilin Pan, one of Gardner’s graduate students.

Their project is aimed at verifying and recording atmospheric temperatures above the two sets and the air.

See SOUTH POLE, Page 7

World traveler Xinzhao Chu, a postdoctoral student, reviews photos from her trip to the South Pole. Behind her are pictures from when she flew over the North Pole. She was one of several research scientists who made the trips to measure atmospheric temperature.

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Trustees focus on building projects, economic development

By Craig Chalmelin
News Bureau Staff Writer

A groundbreaking for the new south campus research park was the last item on the schedule for the UI Board of Trustees at its two-day meeting in Urbana on March 1-2. The board was fitting that much of their agenda—covering building projects, South Farms planning and economic development in general—seemed a prelude to the big event.

Providing perspective on how various developments fit together, from Gov. George Ryan’s recently announced VentureTECH program to the rapid development of the research park, was the job March 1 of Chester Gardner, interim vice president for academic affairs. (See www.vpaap.illinois.edu/reports/crossroads/)

Titled “At the Crossroads: The State, the University and Tomorrow’s Technology,” the plan outlines how the university can foster increased research and economic development through investment in advanced technology. It’s a matter of existing expertise, funding opportunities and necessity, as Gardner explained.

The important expertise lies particularly in the UI’s research legacy in biotechnology and information technology, Gardner said. The UI is unique in its intersection of both, he said.

The funding opportunities are at both the federal and state level, Gardner said. In the decade since the end of the Cold War, federal research priorities have shifted, with the National Institute of Health (NIH) being one of the beneficiaries, he noted. The NIH budget has increased 265 percent during the past decade and its proposed budget for the upcoming 2001 fiscal year is $19 billion.

President Clinton also has proposed major funding for programs in information technology, nanotechnology and bioinformatics, all of which could play to UI strengths.

The opportunity at the state level is chiefly in the Illinois VentureTECH program announced by Gov. Ryan in his state of the state message. If fully funded, the $1.9 billion program would bring $270 million to the Chicago and Urbana campuses over the next four years for research infrastructure and programs, Gardner said.

In the area of biotechnology, VentureTECH would go toward a medical imaging facility, advanced chemical technologies lab and a pharmacy laboratory addition at UIUC, and toward a post-genomics institute at Urbana.

In the area of information technology, the program would fund a new building for the National Center for Supercomputing Applications (NCSA) and a microelectronics lab addition at Urbana.

In dollars, the technology commercialization, VentureTECH would fund an expansion of the technology park at UIUC, a new company incubator facility at Urbana, and a new “Illinois Ventures” office providing services for promising start-up companies at both campuses.

Gardner said investment in high technology and research is a necessity because the Illinois economy depends on it and because other states and universities are making similar large investments. “It is a new ballgame, and it will take some initiative and effort on our part to play in that ballgame,” he said.

Illinois has the fourth largest high technology economy in the United States, trailing only California, New York and Massachusetts, Gardner said. And the high-tech companies in that economy employ a lot of non-technologists. As an example, he noted that Motorola employs 24,000 people in Illinois, only 5,000, or one-fifth, are engineers.

Further making the case, Gardner cited a 1996 fiscal year survey from the Association of University Technology Managers that directly attributed $34 billion in economic activity and 280,000 jobs during the fiscal year to commercialization of U.S. academic research. A total of 364 new companies were created, he noted, 79 percent of them located near the university where the relevant research was done.

By that measure, Gardner said, the UI should be creating about six new companies a year.

Another important aspect of the necessity, Gardner said, lies in keeping up with what others are doing. Hundreds of millions of dollars are being committed to similar research initiatives by states like Michigan and Wisconsin and universities like Cal Tech, Yale and Harvard, he noted.

“Stakes are high and the competition is fierce,” Gardner said, but VentureTECH program, if funded, would give the UI tools it needed to address the challenges and establish a role for the state in the high-tech economy.

South Farms planning

In related business, the board heard a preliminary report from ACES Dean David Chicoine on the southward move of the South Farms on the Urbana campus, in accordance with the South Campus Master Plan approved by the board last June.

The plan Chicoine put forward would split the move into five phases, most of which would involve the purchase of land, construction of new facilities, demolition of existing structures and infrastructure. The time to complete each phase was estimated at 24 months, although Chicoine noted “the pace at which any of these phases would be complete would be entirely dependent on resources.” He also said the phases could overlap, with the next phase starting before the previous phase was complete.

Significant resources will be required to move the plan along. The estimate for the first phase is $38.7 million, with $24.3 million of that going for new buildings: an animal farm services complex, feed mill, beef complex, sheep complex and compost facility.

An estimated $56.5 million would be required for the second phase, with $46.9 million going for new dairy and swine complexes. An estimated $49.2 million is estimated for the third phase, with $39.4 million going for four buildings: a natural resources and environmental science complex, horse complex, crop science/agricultural engineering complex and a poultry complex.

The last significant phase under the plan would be the fourth, with estimated costs placed at $41.1 million, with $38.1 million going for three buildings: an arena and lab building that would be tied to an intensive animal research facility and a grain milling center.

The total plan, if carried to completion, would cost an estimated $193.6 million, with $148.7 million going for buildings, $17.4 million for land acquisition, $5 million for demolition of existing structures, and $22 million for infrastructure.

Athletes score well

According to Athletic Director Ronald Guenther, in a report to trustees on the intercollegiate sports program on the Urbana campus “may be on an unprecedented high” since 1950. He backed that up with a long list of accomplishments by Illinois teams on the field, the court and in other athletic venues.

Along with that, Guenther noted various programs in place to maintain and improve academic performance for the fall semester, the GPA for male student-athletes was 2.78, compared to a GPA of 3.02 for the male student body. The GPA for female student-athletes was 3.18, compared to 3.14 for the female student body.

Guenther also reported on progress toward gender equity, noting that the male/female ratio among student-athletes now is

Trustees, governor participate in groundbreaking for new Research Park

By Becky Malbye
Assistant Editor

Trustees closed their March 2 meeting by taking part in a groundbreaking ceremony to celebrate Governor George Ryan’s recently announced VentureTECH program for the new Research Park that is soon to be beginning on developing the south campus.

Before the ceremony, the trustees approved a 50-year ground lease with Motorola Inc., an anchor tenant in the park. Motorola plans to build a 72,000-square-foot research and development center at the southwest corner of St. Mary’s Road and First Street. The $9 million facility will provide about 220 high-tech jobs.

UI Vice Chancellor for Research Tony Waldrop said other Fortune 500 companies have said they are interested in locating in the Research Park as well.

Developer Peter Fox, who hopes to have two additional buildings completed in the park by the end of the year, reported to trustees that he was following up with several companies as potential tenants.

Motorola’s executive vice president, Merle Gilliom, who took part in the ceremony, told the gathering that it’s important for firms such as Motorola to stay connected with this great “world-class university” and its faculty members and students. He predicts the research park will someday be similar to the technology centers in Silicon Valley (California) and Boston.

The UI Research Park will target tenants in the areas of engineering, information technology and biotechnology. Ryan has asked the legislature for $8 million this year to build an incubator building in the park. The incubator facility will help high-tech start-up firms develop their ideas.

Chancellor Michael Aiken said the Urbana campus has leading researchers in information technology, engineering, plant and animal sciences and biomedical research. He emphasized the university must be aggressive and flexible in its transfer of that new technology to the marketplace.

The research park will aid us in attracting the very best new faculty,” Aiken said. “And our students will benefit from more chances to work with cutting-edge companies. In fact, this research and the companies that grow and will help keep Illinois’ sharpest minds in Illinois.”

Aiken noted that a study last year showed nearly 80 percent of UI graduates intend to stay in Illinois to work. He noted that since last year, via the Illinois Department of Employment Security.

The total plan, if carried to completion, would cost an estimated $193.6 million, with $148.7 million going for buildings, $17.4 million for land acquisition, $5 million for demolition of existing structures, and $22 million for infrastructure.

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is your job mainly converting books into Braille? We do a lot of Braille. We scan or hand-type material and pull it up into our Braille translation program and convert it into Braille on the screen and it's sent to the Braille printer, just like you would send it to the laser printer. We also scan books for the voice output programs that will read books out loud. The technology over the last couple years has really changed. With these computer programs we can take a student's book and scan it and convert it into a text file. And then we put it up on the Web. The student has a password, and the student can go to the Web with that password and find the book, download it onto a ZIP disk or hard drive and then pull up the speech program. That program will read the book to them. We're trying to get away from books on tape. They're very labor-intensive to do. We could almost never keep up with the syllabus. And when a person reads a book it takes about an hour to read nine to 10 pages, and that's not very much. And we were having trouble getting volunteers. How many students are served? There are about 15 students with varying disabilities we do books for. We have three blind students, and a fourth will be coming in the fall. How far ahead do you work? Are you already working on the books students will need in the fall? We guarantee the students that if they get us the books six weeks before classes start, then the books will be ready when classes start — as long as it's not Braille, which takes longer. If it's just scanning books and putting them on the Web or disk, we can get them done pretty quickly. You've been doing this for nearly eight years. Was this your first job at the UI? Yes, when I started I was a temporary worker here. But they decided they wanted to keep me on and it became a permanent position about six months later. You're taking university classes too. What degree are you working toward? Special education. I started maybe two to three years ago, taking one to two classes a semester, I think I'm considered a sophomore now. Next fall I'll be a junior. I was interested in special ed when I was younger but I didn't have the opportunity. And then I went to Parkland for a computer programming degree and decided that I needed more interaction with people. And then I came here and the special ed degree just seemed to fit.

What are your plans when you get your degree? I'm torn between being in a post-secondary setting or being in a classroom. I didn't think that I wanted to be in a classroom when I graduated, but I really enjoy what I'm doing now. My son is in first grade and I volunteer once a week in his class. I'm the vice president of the parent-teacher organization, so I get to spend time in the school to see what it's like. How busy do your classes keep you? Not as busy as they probably should. With working full-time, and a family at home, it's difficult to find study time. I don't get to study until after Josh gets to bed at 9 o'clock. I've got a high B average, but it could be better if I studied more. Plus, I started cake decorating on Josh's first birthday. I bought the material and made his birthday cake. And then people here at work would ask me to make cakes for their events. And just recently, a friend of mine who works here got married and she asked me to make her wedding cake.

What else do you do for fun? I do a lot of cross stitch. I usually do big pieces – there's always an emergency; always someone wants a book done pretty quickly. This job never gets humdrum. You get new problems to deal with all the time; new problems to deal with. This job never gets humdrum. You get new problems to deal with all the time; new problems to deal with. There's always an emergency; always someone who brings an assignment in who needs it done tomorrow. Students, however, do stay the same.

— Interview by Becky Mabry

National Computational Science Alliance and NCSA announce leadership transition

Larry Smarr, founding director of the National Computational Science Alliance and the National Center for Supercomputing Applications at the UI, assumed the new role of alliance strategic adviser on March 1, freeing him of his management responsibilities of the alliance and NCSA.

Dan Reed, head of the UI department of computer science and co-lead for the alliance's technology development efforts, took the helm as alliance director. Jim Bottum, currently deputy director of NCSA and the alliance, is NCSA's executive director. The transition is to be completed by June 1.

"I'm very optimistic about the future of the technology on the Urbana campus," Smarr said. "In my new role, I will have more opportunities to work with academic researchers, federal agencies and the private sector to create and develop a new vision for the future of computing and information technology in this country."

These changes will enable NCSA and the UI to take maximum advantage of the recently announced Thomas M. Siebel Center for Computer Science and the proposed NCSA building. These two buildings will anchor a world-class information technology complex that includes the UI's new information technology Research Park. The new complex will operate as a technology pipeline that couples long-term computer science research, prototyping and development, and technology transfer to startups and IT companies.

"We're entering a new era — extraordinary advances in computing and its applications are transforming every aspect of science and society," Reed said. "The UI and the alliance have a unique opportunity to help shape the future of computing. I am delighted to be a part of that future."

The changes come as the alliance, funded by the National Science Foundation's Partnership for Advanced Computational Infrastructure program, enters its fourth year. Launched in 1997, the alliance is prototyping the 21st century's information infrastructure through a partnership among researchers at more than 50 institutions. A new type of virtual organization was established to manage and lead the alliance, with the understanding that its structure was dynamic.

"Commenting on the changes, Chancellor Michael Aiken said: "This is exactly the right move at the right time. We are excited at the promise represented by Larry Smarr's new role. He has a unique gift for envisioning the future of information technology and for communicating that vision to the rest of us. I am confident that his new role as alliance strategic adviser will significantly enrich the development of information technology throughout the world and this university’s part in it."

"By bringing NCSA and the department of computer science into closer collaboration, Dan Reed's new leadership will open up exciting new possibilities for both as their missions become increasingly complementary," Aiken said.

RESEARCH PARK, FROM PAGE 2 found that in the previous six years, 73 percent of UI graduates trained in some form of biotechnology who took industrial jobs left Illinois. Of those who took academic jobs, 72 percent left Illinois. "Our graduates need to know that there are opportunities to stay in the state of Illinois and work with the latest technologies," Aiken said.

The master plan for the research park calls for the development of about 1.4 million square feet of research and related space. The development will occur in five phases. The first and second phases will extend along the west side of First Street from St. Mary’s Road to the area of Gerry Drive. Some sheep and cattle facilities will be relocated to accommodate that growth.

Future development is planned along the east side of First Street from St. Mary’s Road all the way to Windsor Road. Plans suggest that part of that future development could be a hotel and conference center to be built directly south of the Assembly Hall, on St. Mary’s Road between First and Fourth streets.
VIEWpoints

The views from windows across campus are as varied as the people sitting in the offices behind the windows. We asked readers to share their views with us. This is the first series of entries. We'll continue to run them in the next few issues.

"A"fter about eight years of sitting in an open-ended cubicle facing a wallpapered wall, I am now in a very nice office with a wall of windows on the ground floor looking out over a pond. During the year I have seen geese, deer, squirrels, crows and dogs pass by my window. The trees have changed through the seasons and the grass from green to brown.

"However, the most wonderful reward from having a window is watching as the clouds come floating by, ever changing."  
Shirley Shore, staff secretary  
National Center for Supercomputing Applications  
2301 Fox Drive, Champaign

"I have worked in Commerce West (soon to be renamed Wohler’s Hall) since 1966 in various positions – always in an office with a window facing west, overlooking Sixth Street. I have seen the trees grow tall and change with the seasons. The fall and spring are beautiful. The first 12 years I spent looking out from the third floor seeing the tops of the trees. I watched them play soccer in the space that has now become parking lot E12.

"The remaining years have been spent looking out a second-floor window. There the view is still beautiful. The evergreen trees peek in at me and birds sit on the window sill. It is particularly pretty when the snow covers the evergreens and makes the tree sort of tap on the window. I always have appreciated the afternoon sunlight that beams down.

"My three closest co-workers often walk past my office and peek in. I used to think they were coming by to see me or ask a question. But, they tell me, they just needed to see what was going on outside! Now that they are remodeling the building, the new design will include an “inside window” that will open up the conference room on the wall between the outside wall and the inner office so that the outside light will be visible to those inside even when the doors are closed. Everyone is excited about that! Of all the views from this west window, the most beautiful of all and my favorite is the sunset view, which arrives right about the time we are getting ready to leave work for the day. It is a spectacular view. Sometimes it’s a bright orange and looks like a big fire. There is an odd-shaped evergreen tree on Fourth Street that stands out against it. At times when I see it I feel lonely– other times it feels like the one constant thing in the past 30-some years’ view! It is worth a look."

Fonda G. Bosden, administrative assistant I  
Office of the Dean  
College of Commerce and Business Administration  
260 Commerce West

"I’ve been blessed with two fabulous campus views. During the first few years [I worked at the UI], my office in 227 Illini Union overlooked the walkway down the Engineering Quad as if you could walk right out my window exactly down the path to Grainger, Kenney and Beckman. I even arranged my office so the perfect view was always in sight. I watched the most beautiful leaves change, especially at sunset, and the light poles reflected different shades. And I knew it was icy when the students slipped and slid along the path. And I could see and hear what was going on when there were special events right there by the street and music would be playing. And of course, the construction .

“Things change and [with a job change] I’ve been blessed a second time to absolutely have a fun, light-hearted, beautiful view overlooking the outside tennis courts at IMPE. You can’t beat watching future tennis hopefuls swinging away, even so hard that their tennis balls hit my window! Or in-between snow on the ground on a warm day in January, when brave souls take advantage of the lone net still up for winter. And I get the people walking by my window to and from the front door of IMPE for fun and fitness inside. I hope to always have a window view.”

Jayne T. DeLuce, associate director  
Campus Recreation, 170 IMPE

"I, VIEW Point has been from 400A Harker Hall since November 1992. Two windows. Two views. Many would consider them the best and worst on campus. To the west I see a brick wall. To the south I have a bird’s eye view of the quad. Depressed? Look west. Joyful? Look south. Or vice versa. Choose your mood.

Cam Murphy, manager of accounting  
UI Foundation, Harker Hall
The Office of Academic Human Resources, Suite 429, 807 S. Wright, maintains listings for faculty positions. More complete descriptions are available in office at the University during business hours. The Employment Center lists the academic professional positions available on all UI campuses. Additional college, university, and educational positions are available at www.hiring.illinois.edu.

Faculty

Academic and Commercial Economists. Professor, consumer and commercial economics (rank open). PhD in economics, economic, applied economics, finance, or related field required. Research and teaching in institutional economics; availability of research funds. For appointment consider candidates for less than full-time position. Contact: R. Brian, 333-4185 or r-brown@uiuc.edu. Closing date: March 26.

Biophysics. Faculty (rank open). PhD or equivalent required. Experience in physics with expertise in biophysics required. For more information: Academic and Professional Services, University Office of Human Resources, 200 Admin Building, MC-570. Closing date: April 1.

Food Science and Human Nutrition. Assistant professor or instructor. PhD in food science, food chemistry, or closely related field with demonstration of teaching ability required. Available August 1. Contact: Susan Brewer, 244-2867 or smas@uiuc.edu. Closing date: April 4.

Geology. Faculty, Rafael E. Grim Professorship in Geology. PhD in geology or相关 field required. Academic experience in geology or related field required. Available August 1. Contact: Ralph E. Grim, 333-5235 or 333-6352 or smas@uiuc.edu. Closing date: April 1.

Liberal, UI. Commerce Librarian. Master’s in library science and five years of experience in business, academic, research or special library setting required. For more information: www.lib.uiuc.edu. Closing date: April 2.

Physical Education, Sports Management. Assistant professor. Bachelor’s degree (master’s preferred); five years’ sworn municipal, state, or federal law enforcement or related professional experience; potential to teach in physical education and/or sport management required. Available August 1. Contact: William Goodman, 333-9862. Closing date: April 4.

University Library (Library/Law Library). Assistant professor of library science. PhD in library science, or equivalent degree from a library accredited program (or foreign equivalent) and experience in library science degree three years of employment in a library setting, including experience as a library administrator. Available August 1. Contact: Michael Herrington, 333-6805 or maherr@uiuc.edu. Closing date: April 1.

University Library (Law/Library). Assistant professor of law librarianship. PhD in library science or jurisprudence and international law librarian required. J.D. from an ABA-accredited law school and law librarian degree. Excellent verbal and written communication skills required. Knowledge of working with two foreign languages not required. Research and teaching in intellectual property law and information literacy required. Available August 1. Contact: Michael Baldock, 333-5235 or mba@uiuc.edu. Closing date: April 1.
The ethics of advertising: the story of a soup company

By Matt Hanley
News Bureau Staff Writer

Most Americans recognize the red and white label of Campbell’s soup. Many even have a few cans in their cupboard. In 1985, for example, 90 percent of Americans had Campbell’s soup on their shelves, according to a company fact sheet. Scott said. The rows of red-and-white striped cans became common in stores across the country.

But, after considerable investment, Scott found interesting twists in the story of the Campbell’s soup company.

able stone and clay sources, Hughes said. This information will help them decide which areas should be sampled for further mineralogical and elemental analyses.

The PIMA project will focus on North American stone artifacts from two periods, the Middle Mississippian and the Middle Woodland. Artifacts to be studied include 1,000-year-old figurines from the Cahokia ceremonial mound complex near St. Louis, and 2,000-year-old effigy pipes from several Hopewell sites in Illinois and Ohio. Establishing the source of raw materials used in the manufacture of the figurines and pipes could help in determining patterns of trade both for finished goods and for raw material.

“Starting with stone artifacts, we want to demonstrate to the archaeological community how useful the PIMA spectrometer can be,” Wissman said. “In the project’s second phase, we will expand our study to the mineralogical composition of ceramic objects.”

“The result was a public phenomena that became known as "pop art," using every-day objects for art. At first, the Campbell Soup Co. was irate that Warhol was using its image … until executives saw all the free publicity they were getting from it. Although they never employed Warhol to work for them, Campbell did use variations of Warhol’s ideas in their ads.”

Scott found interesting twists in the Warhol-Campbell story when she tried to purchase one of the Warhol paintings. First, Warhol painted the cans in proportion to the popularity and production of the actual soup flavors. So there are more paintings of tomato soup cans – by far the most popular Campbell’s soup flavor. However, the paintings of tomato soup cans are by far the most difficult to find and the most expensive to purchase. Originally, this meant that Scott was forced to settle for a less popular Warhol variety.

But, after considerable investment, Scott was finally able to “trade up” to a genuine Andy Warhol Campbell’s tomato-soup-can painting. What originally was advertising has now become art. ◆
One of Chu’s duties while at the South Pole was to train a scientist, Ashraf El Dakhouri, who will winter-over and continue the UI team’s research until Chu or another team member returns in November.

Chu said she didn’t have luxurious living conditions, but it wasn’t too difficult either. The "dorms" had private sleeping spaces, partitioned off with partial walls.

At the South Pole, the only place in the world, goes back to the South Pole some day. It’s a unique place. When I work there, the environment is so different. I can do so many things there that I couldn’t do in Urbana to the South Pole. I could go back to the South Pole. That’s really a unique place. I wish I could go back and see if the system is still working well," she said. "If it’s not then I need to fix it and get it ready for the next year.

"When I left in February, I sent an e-mail to all my friends and said I hope I can go back to the South Pole some day."

"When I left in February, I sent an e-mail to all my friends and said I hope I can go back to the South Pole some day." — Xinzhao Chu

By Melissa Mitchell
News Bureau Staff Writer

In the United States, the tune most closely associated with Edward Elgar is undoubtedly his "Pomp and Circumstance." But if you look a little further, you will find that Elgar was also a Roman Catholic. The oratorio awakened the age-old fear that beatific union, not purgatory, was the only stage before everlasting happiness. Elgar’s religious beliefs were not as widely known as his music.

The oratorio had its first performance in London in 1879, and it was not until the mid-20th century that it began to be performed more frequently in the United States. Today, it is performed regularly, and it continues to be a favorite of audiences around the world.

But one of Elgar’s most significant contributions to music was his ability to combine classical and modern elements in his compositions. His classical training, as well as his exposure to the music of other composers, influenced his work throughout his career, but he always remained true to his own style.

For Elgar, the art of composition was not just about creating beautiful music; it was a way to explore deeper meanings and ideas. His music often reflected his personal experiences and emotions, as well as his love for the natural world. Elgar’s music is a testament to his passion and creativity, and it continues to inspire and move audiences to this day.

The University of Illinois Spring Music Festival will present a performance of Elgar’s "Dream of Gerontius" on April 12 in the Krannert Center for the Performing Arts. If you haven’t heard this beautiful work before, I encourage you to attend the performance and experience the magic of Elgar’s music.
CAFE Award winners announced

For the past 11 years, the Chancellor’s Academic Professional Excellence Award has recognized demonstrated excellence of academic professional staff members at the UI. This year, the selection committee reviewed 25 nominations. The three winners were selected for their excellence in three criteria: work, personal and professional contributions.

Each of the CAFE Award winners will receive $2,000. In addition, next year $1,000 will go into their department’s budget to be used at their discretion to benefit the workplace. Also, the base salaries of the winners will be increased by $1,000, effective Aug. 21.

The award ceremony and reception to honor the CAFE Award winners this year will be from 4 to 5:30 p.m. March 22 in the Pine Lounge of the Illini Union.

Charles Kline, principal research programmer
Computing and Communications Services Office

Charles Kline is one of those rare individuals whose work directly impacts every student and faculty and staff member. Born in New York City, he and his family moved to Illinois when he was a young child. After graduating from the University of Illinois at Urbana-Champaign, Kline has been working at the UI for 20 years. He began working for CCSO about 20 years ago.

His contribution to the UI has been critical in the development of the campus network, wrote George Badger, former CCSO director and retired vice chancellor of computing and communications. In starting up the National Center for Supercomputing Applications, Kline was central in bringing the operational systems into production.

“The campus network began almost simultaneously with the initiation of NCSA, and the connections to other campuses were essential to the delivery of NCSA services,” Badger wrote. “Beyond this technical effort, it is even more critical that he built such trust in his competence and openness that the networking efforts of the campus in general and NCSA have been closely coordinated. This has been of enormous benefit to the campus and to its reputation as a center of networking expertise.”

Kline’s name is mentioned with a certain amount of awe around CCSO, according to Hassan Aref, interim chief information officer for CCSO. He is the campus network architect, guru, troubleshooter, Mr. Fixit, all rolled into one. He is one of two people who have top-level access to the key routers and switches that make it all work. Chaeley sees the ‘forest’ while having firsthand knowledge of each and every ‘tree,’ Aref said.

Susan Yung Maul, director, Illini Union

After completing her master’s degree in history at the UI in 1971, Susan Yung Maul worked at a community college for a year and then returned to the UI as a professional staff member at the Illini Union. She rose through the ranks from assistant Illini Union program director to director of the Illini Union.

As director of the Union she and her staff provide services to 4 million customers annually. She is responsible for an operating budget of nearly $22 million and 500 to 600 employees. Under her stewardship, she has renovated space in the Union to create a 10,000-square-foot student organization complex that serves more than 50 student organizations; converted an outdoor patio into a popular Courtyard Café; created a privatized food court; and completed $3 million worth of fire safety improvements.

She also oversaw the construction of the $8 million Illini Union Bookstore. From 1993-95, she served as interim director of the Assembly Hall, and during that time she set in motion the $8 million renovation project. She has served on numerous UI search committees and task forces. She is the immediate past president of the Association of College Unions-International, and currently serves on its executive board.

“Susan has dedicated all her adult life to the UI, and the university is a better place because of her leadership,” wrote S. Eugene Barton, associate director of communications services for CCSO about 20 years ago.

Lisa R. Miclee, counselor, University Laboratory High School

In just six years at University Laboratory High School, Lisa R. Miclee has had such an impact on students that the class of 1994 selected her as their commencement speaker, the class of 1997 dedicated the yearbook to her, and students voted her the teacher of the year in 1995. As director of college counseling at Uni High, Miclee has restructured the counseling office into a student services office where students are the focus, according to Linda Morford, assistant director of Uni High.

“For many of our students, Lisa is not only their college application guardian, but also a friend and someone they can go to discuss life’s problems,” Morford wrote. “Lisa is one of the most respected members of our faculty. Her outstanding leadership abilities and personal integrity make her a role model for our younger faculty. Lisa is constantly being asked to serve on committees because of her strong work ethic and insight into the needs of our students. Her wonderful personality enables her to motivate and inspire change.”

According to senior faculty member Rosemary Laughlin, Lisa is a make-a-difference person. “Universe would not be the same had she not come to be the college counselor. She shows how professional service is a privilege.”

Parents appreciate Lisa’s enthusiasm and her willingness to work with their children to find the colleges that best suit them, according to Morford. She meets one on one with all students and their parents, and a former Uni parent nominated Miclee for the CAPE award last year.

Miclee started at Uni High in 1993 as the junior-senior counselor and was named director of college counseling in 1997. She has a bachelor’s degree in psychology and a master’s degree in higher and continuing education, both from the UI. She serves on the board of the Illinois Association. See MICLEE, PAGE 9
Gift of kimonos to new research center seen as seed of collection

By Melissa Mitchell
News Bureau Staff Writer

Thanks to a gift from Tokyo’s Habuki Kyoto Kimono School to the UI’s Japan House, art and design professor Kimiko Gunji’s students will soon be learning all they ever wanted to know — and more — about the cultural and historical significance of the kimono.

In April, Japan House will celebrate the establishment of the Kimono Resource Center, which initially will serve as a repository for about a dozen kimonos donated by the Japanese school. Many of the kimonos are richly colored with elaborate, often hand-painted, details, and were designed to be worn at specific festivals or other occasions. The collection also includes examples of more humble styles, made of cotton and designed for everyday wear.

In addition to the kimonos, the gift — initiated by the Habuki school’s president, Takayoshi Mizushima — includes a 25-volume video collection. Gunji said the videos feature 100 different elements of kimono design, from dying and weaving of the material to hand-painting and discussions of appropriate footwear.

As director of Japan House, Gunji primarily promotes the Japanese arts — tea ceremony, flower arranging and calligraphy among them — through courses for university students. She also presents occasional workshops for community members, makes presentations for local schoolchildren and hosts public open houses at Japan House. Although she always has incorporated kimono-dressing demonstrations and other information about the garment into her lessons, Gunji said the addition of the on-site resource center will be a great instructional enhancement. She envisions the initial gift as the seeds of a collection, which she hopes will grow over time and may someday be available for loan to other institutions or displayed in traveling exhibitions.

The various types of kimonos now housed at the center and their functions:
- **Shichi-Go-San**, brightly colored garments donned by young children as part of a Nov. 15 observance of the same name. On Shichi-Go-San, which translates as 7-3-5, boys — ages 3 or 5 — and girls — ages 3 or 7 — dress up in the special kimonos and visit the local shrine, where they give thanks for healthy growth and pray for good fortune.
- **Obimushibi**, otherwise known as Japanese sash tying, will be among the highlights of the spring open house April 8 at the UI’s Japan House.

The public is invited to tour the facility, located at 2000 S. Lincoln Ave., Urbana, from 10 a.m. to 4 p.m. The building houses the UI’s program in Japanese cultural arts, which is directed by UI art and design professor Kimiko Gunji.

Throughout the day, members of the UI Urasenke Tea Study Group and Urasenke Chicago Chapter will conduct tea ceremony demonstrations. Visitors also may view an exhibition of art by students enrolled in courses offered at Japan House.

Other scheduled open-house activities include:
- **1 p.m.** announcement acknowledging the Savoy Rotary Club’s donation of a Kasama Ware ceramic bowl.
- **2 p.m.**, “The Art of Obimushibi (Japanese sash tying)” by Toshie Kasada and Sachiko Baba, kimono specialists at the Habuki Kyoto Kimono School, Tokyo.
- Kasada’s visit to the UI coincides with the April 1 establishment of the Kimono Resource Center at Japan House, made possible largely through a gift from the Habuki school.

**Japan House hosts open house**

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**To mark the opening of the Kimono Resource Center, Japan House will host an initiation ceremony at 2 p.m. April 1. The program will include a kimono dance and dressing demonstration presented by visiting specialists from the Habuki Kyoto Kimono School and the Habuki Kimono Performance Academy. The event is free and open to the public.**

**Furisode**, the most formal style of kimonos for women, distinguished by long, flowing sleeves. According to popular myth, the brightly colored, intricately designed *furisode* — which literally means swinging sleeves — were worn by women who would swing their sleeves to attract a young man’s attention. The accompanying decorative sash, known as an *obi*, features a patterned design and is creatively tied to resemble butterflies, sparrows and other shapes.

**Kuro-tomesode**, a black garment that is the most formal style worn by married women. In contrast to the long, waving sleeves of the *furisode*, the *kuro-tomesode* features shorter sleeves and contrasting white designs of five family crests. It is worn with gold or silver sandals.

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Couples Research Program

Free marriage checkup offered

The Couples Research Program at the UI is offering a free marriage checkup for couples who would like to find out more about the health of their marriage. The checkup is confidential. Couples also will receive financial compensation upon completion of the project. More information is available by calling the Psychological Services Center at 333-6041.

Campus Parking and Transportation

New meters offer short-term parking

Several parking lots on campus have had some meters converted to short-term, 30-minute meters. To distinguish them from long-term meters, the meters are red and are posted as Short Term Parking. The following lots have short-term meters:
- Lot B21 (southeast corner of Springfield and Goodwin avenues), four meters.
- Lot C3 (between Swanlund and Cобle Hall), four meters.
- Lot C11 (north of Henry Administration Building), one meter. This lot is currently closed for construction until June.
- CS-I (service drive between Lincoln and Gregory halls), six meters.

March 27 and 28

Environmental Horizons 2000

Environmental Horizons 2000 will kick off its third year with two days of exploration of environmental study and research at the UI. The conference on March 27 and 28 in Illini Rooms A, B and C in the Illini Union includes new activities, outstanding speakers on a variety of topics and an exhibition featuring more that 125 posters outlining research at the UI. May Berenbaum, professor of entomology, will deliver the keynote address, “Invasion USA: Impacts of Introduced Species on American Landscapes,” at 3:30 p.m. March 27 in Illini Room A. Posters will be on display until 3:30 p.m. March 27 only in Illini Rooms B and C. Registration is free and can be done at the door during the conference. For more information or a complete schedule, call 333-4178 or visit the Web at www.environ.uiuc.edu. The event is sponsored by the Environmental Council.

March 18 and 18

Illini Folk Dance Celebration

The Illini Folk Dance Society will celebrate international folk dance with activities March 18 and 19 in 314 Union. This recreational group will review many easy-to-learn, as well as more challenging dances for participants of all ages and abilities. Partners or costumes are not required for this informal gathering, which is free and open to the public. The weekend’s schedule includes:
- March 17, request dancing, 8 to 10 p.m.; March 18, dance review, 1 to 3 p.m. and dance party, 7 to 11 p.m.
- Alumni from all over the United States will be returning for this event, planned to honor the memory of long-time member Silvia Sparks. For more information, call 398-6686 or e-mail m-schuman@uiuc.edu.

Krae...
UI Employment Center
Training for Web-based forms

The UI Employment Center has established an online system that allows the central transactions common to most appointments to be done electronically. A new employee can access the system and complete the process considerably.

For more information, contact Cindy DeBrock at 333-4297 or debrock@uiuc.edu.

Violinist joins Sinfonia

Spring concert is March 30

Violinist Erick Friedman joins Sinfonia da Camera as soloist on March 30. Friedman performs Mendelssohn’s inspiring Concerto in E minor in this evening of Romantic music. The 8 p.m. performance takes place in the Foellinger Great Hall of Krannert Center for the Performing Arts.

Friedman is a professor of music at Yale University and for the past 13 years has been the conductor and music director of the Garrett Lakes Summer Festival Orchestra in Maryland.

Ian Hobson, UI professor of music, leads Sinfonia da Camera in the concert, including Elgar’s “Salut d’Amour” and Rachmaninoff’s “Vocalise.” Also featured is Josef Suk’s “Serenade for Strings” and Rimsky-Korsakov’s “Flight of the Bumble Bee.”

Sinfonia da Camera completes its fifth season of the Student Performance Project with a performance by the students from the Advanced Flute Choir of the Conservatory.

Viola
d continued to work at Flex-N-Gate until 1978. He then began a new business, designing and building bumpers with an innovative design—a lightweight, continuous piece of metal with no seams to corrode or rust. This entrepreneurial adventure created a product that is today considered the industry design standard. Khan pursued Flex-N-Gate in 1980 and remains the sole owner. Nearly two-thirds of the pick-up trucks and sports utility vehicles have bumper systems supplied by Flex-N-Gate.

This annual lecture series was established in 1999 by an endowment from Peter and Kim Fox, Champaign. It has been enhanced by additional gifts from the family and friends of Dale Cozad.

For more information about this event, contact the Office of Alumni Affairs, College of Commerce and Business Administration, 244-6669.

Reconciling democratization, human rights and power Human rights issues addressed

The UI will host a conference on “Legitimacy and the Governance of the World Society: The Politics and Promise of Human Rights” from March 31 to April 2.

The conference consists of two elements. The first presents Western, Muslim and Asian views about human rights. These papers will address the general question of whether a universally acknowledged human rights canon can be identified across these cultural perspectives.

The second element surveys the principal regions of the globe to evaluate the progress of human rights in each region. The regions to be covered include Northeast, South and Southeast Asia; Latin America; Southern, Central and Eastern Africa; the Middle East and Northern Tier; North Africa; the European Union; and the Russian Federation and Commonwealth of Independent States.

The final session of the conference will be devoted to generalizing across the politics of human rights in each region and to identifying strategies, actors and resources available to the international community that are suited to advancing human rights, given the particular constraints impeding progress in each region.

The conference is sponsored by the department of political science, the College of Liberal Arts and Sciences, the Program in Arms Control, Disarmament and International Security, the Program in International Studies, and is organized by the Program in Arms Control, Disarmament and International Security.

For additional details about the conference, contact Edward A. Kodolitz, professor of political science, at 333-3880 or ekodoliz@uiuc.edu.

Sprintz fund-raiser is April 2

“Museum on the Move”

The annual fund-raise for the Sprotz Museum will begin at 5 p.m. April 2 in the Levis Faculty Center. “Museum on the Move” will feature a live auction as well as a silent auction. An international buffet celebrating the main galleries of the museum will include foods from Asia, the Mediterranean, Africa, the Middle East and Latin America. There is an admission charge for the event. For additional information contact Jayne Burkhardt at 367-333-4297 or edkoloj@uiuc.edu.

Allerton Park and Conference Center

High tea and tours offered

From 4 to 6 p.m. March 28, Allerton Park Conference Center is offering a “high tea” and tours of Allerton House for $10.50 per person.

Although the house is rarely opened to the public, formal tours of the house will be offered at 4:30, 5 and 5:30 p.m. or participants may tour the house on their own with volunteers on hand to answer any questions. The traditional English “high tea” and a cash bar will be available in the Conservatory.

For more information, call Tamzin Holman, 333-2127 or 722-3721. Reservations are not required but are encouraged.

Kid summer sports camps

Registrations are now being accepted for a range of summer camps being offered by the Division of Campus Recreation.

Students in grades 2 through 7 may participate in a new “FitKids camp,” a half-day camp offered July 10-14 and July 17-21. Soccer camp is offered in half-day sessions for grades 2 and 4 and full-day sessions for grades 5 to 7 and runs June 19-23 and July 17-21. The “Micro Soccer Camp” is a half-day camp for beginners ages 4 to 6 and is being held Tuesday and Wednesday during the same time as the regular soccer camp. “Ultimate Sports Camp” is offered in half-day and full day sessions (with Fridays being half-day for both) during two sessions: June 26-30 and July 10-14.

For more information or an application form, call 333-3510 or visit www.campusrec.uiuc.edu.
CALENDAR, CONTINUED FROM PAGE 12


1 Saturday


2 Sunday

"The Dream of Gerontius, Reprises." 10 a.m. Illini Union Auditorium. For more information, send e-mail to jlnelson@uiuc.edu or bradbury@uiuc.edu. Midwest Victorian Studies Association.

3 Monday


5 Wednesday

"Bath’s Across the Sea: Examining the Shift in Black Women’s Backsides from the Freedom of the Slave to the Dignity of the Citizen." Chiara Fornasari. 11 a.m. 336 Armory Building. For more information, call www.uiuc.edu/armory. Architecture and Urban Planning.

6 Thursday


7 Friday


8 Saturday


"The Silence of Stephen George." Robert Neustadt, Note Dame University. 2 p.m. Lucy Ellis Lounge. 1060 Foreign Languages Building. Chemistry.

9 Sunday

1 Sunday

"Bye Bye Birdie." 8 p.m. Armory Building. For more information, call www.uiuc.edu/armory. Armory Free Theater. Recommended for audiences aged 8 and older. Admission charge.

3 Friday

"Cries of Faith." 6:30 p.m. Safford S. Stoddard Auditorium. "Jane Eyre." 8 p.m. Colwell Playhouse. By Charlotte Bronte; adapted by Robert Johanson. For more information, send e-mail to jlnelson@uiuc.edu or bradbury@uiuc.edu. Admission charge. Christian Theatre Music Club/RSO. Recommended for audiences aged 8 and older. Admission charge.

5 Saturday

"Jane Eyre." John Shepard, director. 8 p.m. Colwell Playhouse.Krannert Center.

27 Monday


30 Thursday

"Bye Bye Birdie." 8 p.m. Armory Building. For more information, call info@uiuc.edu or send e-mail to inbox@uiuc.edu. Admission charge. Illini Union Board.

31 Friday

"Cries of Faith." 8 p.m. Gregory Hall Theatre. For tickets, call 333-5000. For more information, send e-mail to jlnelson@uiuc.edu or bradbury@uiuc.edu. Admission charge. Christian Theatre Music Club/RSO. Recommended for audiences aged 8 and older. Admission charge.

"Jane Eyre." John Shepard, director. 8 p.m. Colwell Playhouse. Krannert Center.


"Bye Bye Birdie." 8 p.m. Armory Building. For more information, call www.uiuc.edu/armory. Admission charge. Illini Union Board.

"Jane Eyre." John Shepard, director. 8 p.m. Colwell Playhouse. Krannert Center.

CALENDAR, Continued

Friday, March 10

UI Wind Symphony and UI Symphonic Band IB.

Thomas E. Canive, conductor. 8 p.m. Foellinger Great Hall, Krannert Center. This program features an interesting array of band and wind symphony music by Gillingham, Grainger, Rodrigo, Hetel and Harbison. Admission charge. School of Music.

Doctor of Musical Arts Recital. Yun Chung Yang, piano. 8 p.m. Recital Hall, Smith Hall.

Saturday, March 11

Da Camera of Houston: Senior Recital.

Spring Concert.

Foellinger Great Hall. With the Advanced Flute Choir, Conservatory of Central Illinois, Mary Chapman, conductor.

1 Saturday Senior Recital. Brad Friedman, piano. 6 p.m. Recital Hall, Smith Hall.

Master of Musical Arts Recital. Daniel Traul, baritone. 7 p.m. Recital Hall, Smith Hall.

Monday, March 13

Doctor of Musical Arts Recital. James Lee, piano. 3:30 p.m. Recital Hall, Smith Hall.

Senior Recital. Won J. Park, composer. 8 p.m. Recital Hall, Smith Hall.

Tuesday, March 14

The Red Hot Chili Peppers. 7 p.m. Assembly Hall. With special guests Foo Fighters. Admission charge.

Doctor of Musical Arts Recital. Anca Apsidera, piano. 8 p.m. Recital Hall, Smith Hall.

Wednesday, March 15

Master of Musical Arts Recital. Master of Musical Arts Recital. 8 p.m. Recital Hall, Smith Hall.

Thursday, March 16

Sinfonia welcomes Jascha Heifetz’s protégé to perform Mendelssohn’s Violin Concerto on a program that also includes Elgar’s “Salut d’Amour,” Rachmaninoff’s “Vocalise” and the “Menuet for Strings” by Suk.


Friday, March 17

Saturday, March 18

Doctor of Musical Arts Recital. Joo-Hye Loo, piano. 8 p.m. Recital Hall, Smith Hall.

Sunday, March 19

Doctor of Musical Arts Project Recital. “The Organ Sonatas of Carl Philipp Emanuel Bach.” Kimberly Hess, organ. 11 a.m. McKnight Presbyterian Church, 809 S. Fifth St., Champaign.

Songs of Hugo Wolf. 8 p.m. Recital Hall, Smith Hall. Wesley Wallfisch, piano. A recital of songs by Bach. Admission charge. School of Music.

Wednesday, March 21

Doctor of Musical Arts Project Recital. “The Organ Sonatas of Carl Philipp Emanuel Bach.” Kimberly Hess, organ. 11 a.m. McKnight Presbyterian Church, 809 S. Fifth St., Champaign.

Songs of Hugo Wolf. 8 p.m. Recital Hall, Smith Hall. Wesley Wallfisch, piano. A recital of songs by Bach. Admission charge. School of Music.

Saturday, March 25

Annual Moms Day Concert.

Chicago Symphony Orchestra.

Maureen Reagan, narrator. 8 p.m. 112 Gregory Hall.

No Strings Attached.

This duo presents an evening of music for two guitars.

Sergio and Odair Assad, guitarists. 8 p.m. Foellinger Great Hall, Krannert Center. A concert of music by contemporary Brazilian composers.

The Keohs Quartet, 8 p.m. Music Building auditorium. Their program features works by Beethoven, Schumann and Schubert.

8 Saturday Studio Recital.

Joe Grant, conductor. 2 p.m. Foellinger Auditorium. A concert of hymns, anthems and contemporary selections. Admission charge.

Saturday, March 25

Junior Recital. Michi Yonow, violin. 2 p.m. Memorial Room, Smith Hall.

Senior Recital. Maureen Reagan, soprano. 5:30 p.m. Recital Hall, Smith Hall.

Monday, March 27

Faculty Recital. Sheridan Laps. violin. 8 p.m. Foellinger Great Hall, Krannert Center. With Lory Wallfisch, piano. A recital of sonatas by Bach. Admission charge. School of Music.

Thursday, March 30

Senior Recital. Anna Klein, piano. 5:30 p.m. Recital Hall, Smith Hall.

Moms Day Sing. 7 p.m. Foellinger Auditorium. Ains-Schamnpos sponsors their Moms Day Philanthropic Sing.

Sergio and Odair Assad, guitarists. 8 p.m. Foellinger Great Hall, Krannert Center. A concert of music by contemporary Brazilian composers.

The Keohs Quartet, 8 p.m. Music Building auditorium. Their program features works by Beethoven, Schumann and Schubert.

Saturday, March 31

Junior Recital. Michael Mehan, double bass. 8 p.m. Memorial Room, Smith Hall.

Theatre, Krannert Center. A new play by Maertinkink. Claire Debussy composed this work about forbidden love, cloaked in an

Inside Illinois March 16, 2000
Percussion ensemble joins CSO
The venerable Canadian percussion ensemble Neumes joins the Chicago Symphony Orchestra and conductor Christian Zacharias (pictured) in performance of 8:30 p.m. April 1 in Krannert Center for the Performing Arts' Foellinger Great Hall. Their program combines Beethoven's "Eroica Symphony," one of the most important works of musical history, with Toru Takemitsu’s "From me flows what you call Time," an impressionistic "concerto" for Xylophone.

Takemitsu’s concerto was commissioned to commemorate the 100th anniversary of Carnegie Hall, was inspired by a poem: Makoto Oka’s "Clear Blue Water." Of this visual and aural tour de force, Takemitsu expeditiously captured the sounds of time, to the words "From me flows what you call Time," I suddenly imagined 100 years of time flowing through this man-made space, [Carnegi Hall] so full of special meaning … The ruling emotion of the piece, ..." In the piece, Takemitsu artfully interweaves the solo percussion parts with the orchestra.

Student Symposium on Women’s and Gender History
8:30 a.m.-8 p.m. Illinois Union. For more information, call 333-1155. History.

15th Annual Women of Color Conference: "Vitality of a Woman," Illinois Street Residence Hall. 1010 W. Illinois St., Urbana. Registration required. For more information, send e-mail to odior@uiuc.edu or call 244-9708. Residential Life and African American Cultural Program.

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Environmental Horizons
9 a.m.-5 p.m. Illinois Union. For more information, call 244-7913. Environmental Council.

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CALENDAR. CONTINUED FROM PAGE 15.

Laboratory. 30 Thursday Retirement Planning Series: "It's Never Too Late to Start Investing," 11:15 a.m.-1 p.m. Room 120-00, Illini Union. For more information, call 333-3660. After the hour, Illini Union Faculty-Staff Social Committee.

Museum on the Move, 5 p.m. Levis Faculty Center. The annual fund-raiser for the Spurlock Museum will feature a live as well as a silent auction. An international buffet celebrating the main galleries of the museum will include foods from Asia, the Mediterranean, Africa, the Middle East and Latin America. For more information, call 333-4350. Admission charge. Spurlock Museum.

5 Wednesday "Technology Trends in Higher Education," 2-3 p.m. 428 Assembly Hall. Presenter: Leslie Henderson, UI. A discussion of current educational technology trends in higher education. For more information, send e-mail to krish@srl.uic.edu or call 333-4273. Center for Educational Technologies. "Questionnaire Design Clinic," Noon-1:30 p.m. Location: TBA. Advance registration required. Notes for individual seminars will be available from the Web site at www.uiuc.edu/orcui. Pre-registration is required and a $5 fee will be charged. Registration forms are available in the third-floor University Archives. For more information, send e-mail to iviall@uiuc.edu or call 244-3838. Center for Educational Technologies.

Saturday Safari: "Rainforest Treasures of the Earth's Dark Rafters." First-hand learning like this gives the students knowledge and experience they can apply in their work as architecture students, strengthening the bond between the art of design and the craft of construction that is so essential to great building," Evlin said. Evlin was assisted by teaching assistants (from left) Matt Starman and David Earnhart.

31 Friday Lecture and discussion: "Asian Americans in the Making? Preliminary Views on Correspondence, Citizenship and Marriage." 1 p.m. Asian American Studies, 1003 W. Illinois St., Urbana. Kristianna Nittrouer, UI. For more information, send e-mail to kristianna@uiuc.edu or call 333-3111. Register at www.prairienet.org/cosmo/ Cosmopolitan Club.

6 Wednesday Retirement Planning Series: "Tax Deferred Annuities," 11 a.m.-noon. This is the second in a series of five seminars. For more information, call 333-3111. Register at www.uiuc.edu/ucudl/ Benefits Center.

1 Sunday Open House: "Veterinary Medicine on Parade." 9 a.m.-4 p.m. College of Veterinary Medicine. Through exhibits and demonstrations, enjoy hands-on activities, visit the zoo or talk with veterinary students. For more information, send e-mail to becas@vet.uiuc.edu, visit the Web site at www.cvm.uiuc.edu/ or call 333-2907. Veterinary Medicine.

7 Thursday "Rainforest Wonders." 10-11:30 a.m. 231 Natural History Building. For kindergarten and first-grade students. Explore the treasures of the earth's dark and glowing tropical rainforests. Pre-registration is required and a $5 fee will be charged. Registration forms are available in the third-floor museum of the UI Natural History or call 244-3555 for more information. National History Division/Spurlock Museum.

3 Sunday Children's Spring Festival, 2-4 p.m. Ballroom, Illini Union. Entertainment, activities, refreshments and favors will be available. For more information, call 333-3660. After the hour, Illini Union Faculty-Staff Social Committee.

3 Scale model Students in Architecture 232, Construction of Buildings, to get to see for themselves how wood-framed buildings are built. The demonstration took place March 7 in the courtyard of DuBois Hall. George Evlin (center), professor of architecture, starts with two beutres on light wood framing techniques, and in the third session students spend class time learning how a crew of carpenters cut and nail wall studs and roof rafters. "First-hand learning like this gives the students knowledge and experience they can apply in their work as architecture students, strengthening the bond between the art of design and the craft of construction that is so essential to great building," Evlin said. Evlin was assisted by teaching assistants (from left) Matt Starman and David Earnhart.

9 Sunday Illinois Railroad Club Open House, 10 a.m.-2 p.m. Townsend Hall, 410 W. Illinois St., Urbana. For more information, send e-mail to rдо@uiuc.edu or visit the Web site at www.uiuc.edu/orcui. University YMCA. Many countries from around the world will be represented by their various culinary specialties. After dinner, performances representative of several world cultures will be presented. For more information and to make reservations, call 367-8112. Tickets for this dinner will also be sold at the YMCA front desk. Illinois Railroad Club.

17th Annual International Dinner and Entertainment Night, 6 p.m. Latzer Hall, University YMCA. University YMCA. Multiple countries from around the world will be represented by their various culinary specialties. After dinner, performances representative of several world cultures will be presented. For more information and to make reservations, call 367-8112. Tickets for this dinner will also be sold at the YMCA front desk. Illinois Railroad Club.

Exhibits
"Look How Far We've Come: 200 Years of Census Data." Through March 31. Government Documents Library, main corridor, south end, wall display.
"Women's History Month." Through March 31. Main corridor, Library.
"The Young and the Restless: Scripts in the Special Collections" Through March 31. Rare Book and Special Collections Library.

INTERNET LINK
■ "Technology and the Law." 12 a.m.-2 p.m. Room 120-00, Illini Union. For more information, send e-mail to bws@uiuc.edu or call 333-3660. After the hour, Illini Union Faculty-Staff Social Committee.

TRUSTEES, CONTINUED FROM PAGE 2
stood at 59/41. He thought the ratio would be close to 50/50 within the next 18 months.

In other business • Gave its final approval, during its Buildings and Grounds Committee meeting, of the design for the $115 million College of Medicine Research Building at UIC. • Held a non-scheduled discussion on the first day of their meeting regarding a bill in the Illinois General Assembly that would amend previous legislation giving one of the board's three student trustees an official vote. The previous legislation was due to expire next year, but the bill would cancel that provision, making the student vote permanent. The bill also would allow language regarding students from voting on certain tenures and promotion matters. The bill was reported to be on its third reading and certain to pass in the Illinois House. UI Board President William Engelbrecht, Henry, asked trustees whether they had any input they wished to pass along on the matter. The invitation prompted an extensive and sometimes confusing discussion on the matter in which various trustees reiterated their previously expressed opposition to a permanent student vote. Arun Reddy and David Cocagne, student trustees from UIC and Urbana, respectively, expressed their support for the student vote.

The end result was approval of a motion made by Roger Plummer, Chicago, asking that the law be amended, leaving the sunset provision in place. All nine statewide trustees voted in favor, with Cocagne, who holds the official student vote for this year's assembly, voting against. Melissa Needy, the UIS student trustee, cast her advisory vote in favor of the motion, and Reddy cast his advisory vote against.

The bill had already passed the House that day by the time trustees voted on their motion.