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The UB Council on Tuesday welcomed three new members, including Christopher O'Brien, and unanimously approved a resolution commending Gov. Eliot L. Spitzer for his commitment to, and plans for, higher education in New York state.



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- M** more text at Web site
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- P** more photos on Web
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## Higher ed tour starts in Buffalo

*Spitzer comes to UB to build support for SUNY endowment fund*

By JOHN DELLACONTRADA  
Contributing Editor

**G**OV. Eliot L. Spitzer made UB his first stop yesterday on a statewide tour to build support for his \$4 billion higher-education endowment fund to help make New York state's public higher education system one of the best in the country.

In a very upbeat address at UB's Downtown Gateway (the former M. Wile building) in Buffalo before more than 400 local leaders, UB faculty and staff, and community members, Spitzer made the case for how the investment could be used to recruit 2,000 faculty to SUNY institutions, create a vigorous economy of innovation in the state and help fund the objectives of UB 2020.

The result, he said, would be a transformation of New York's public higher education system into one of the best in the country and the creation of pre-eminent SUNY flagship universities at UB and Stony Brook.

"Education is the key to our future," Spitzer said. "We all embrace the core notion that we will be able to compete only if we are smarter, faster and more nimble than those elsewhere in the nation."

The proposed endowment would be funded by revenues from the New York State Lottery and would provide at least \$200 million a year to public higher education.

Spitzer called the UB 2020 plan to grow the university and spur the local economy an objective to which the state could aspire to for how to "jump-start" the New York economy. "This \$4 billion will begin to invest in UB 2020," he explained, transforming the university as well as the City of Buffalo.

A key to that transformation, Spitzer noted, would be investment in UB's downtown campus and bringing 8,000 faculty, staff and students downtown to revitalize the city's core and make UB the "centerpiece of Buffalo."

President John B. Simpson, who introduced Spitzer to the crowd, said the endowment fund was a "smart idea," that would shelter SUNY funding from the vagaries of the annual state budget process.

"We are honored that Gov. Spitzer made Buffalo the first stop on his statewide speaking tour about this important issue," Simpson said. "This is a topic of great relevance to our region and to UB 2020, our plan to grow the University at Buffalo and increase its impact in our community."

"The future of our state and our region will depend on our ability to compete successfully in the 21st-century knowledge economy," Simpson added. "Investing in a world-class public higher education system is the key to unlocking that future."

A member of the governor's Commission on Higher Education, Simpson said the endowment fund will help realize recommendations made by the commission. In addition to the hiring of faculty, these recom-

mendations include substantial investment in the infrastructure of SUNY institutions, funding of flagship universities at UB and Stony Brook, and investment in workforce training at SUNY com-

munity colleges.

Simpson pointed out that Spitzer's vision for public higher education is aligned with the UB 2020 plan to transform UB into a

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Gov. Eliot L. Spitzer spoke yesterday to more than 400 local leaders, community members and UB faculty and staff at the UB Downtown Gateway to make the case for a \$4 billion higher-education endowment fund.

PHOTOS: NANCY J. PARISI

## Research at record high

By ARTHUR PAGE  
Assistant Vice President

**R**ESearch expenditures at UB across all disciplines reached a record \$323.42 million in the 2007 fiscal year (FY 2007) ending last June 30, according to the National Science Foundation's Survey of Research and Development Expenditures at Universities and Colleges.

For the first time, UB's research expenditures in sciences and engineering have surpassed the \$300 million mark, and at \$314.83 million, those expenditures were 5.7 percent greater than in the previous fiscal year.

Research expenditures in other areas—such as the humanities, education, social work and professional programs—were up more than 25

percent from the previous year, with total expenditures of \$8.58 million.

Jorge V. José, vice president for research, noted that UB's research expenditures in the sciences and engineering have increased by nearly 22 percent since FY 2004 (the year President Simpson started his tenure at UB), when they were \$258.95 million.

"UB's faculty investigators across all of its three campuses are increasingly very successful in today's very competitive research-funding climate," José added. "The research partnerships that have been established across departments, centers and institutes throughout the disciplines at the university's different campuses, and as a result of UB 2020, have helped leverage our researchers' ability to attract

substantial research funding.

"Our scholarly accomplishments in areas outside science and engineering also underscore UB's comprehensiveness as a premier public research university of the 21st century."

José said that while total research expenditures at UB continued to climb in FY 2007, there was a drop in federal expenditures of 2.8 percent, reflecting a reduction or only nominal increases in funding in the federal budget to large agencies that fund university research. He noted, for example, that federal funding for the National Institutes of Health, which is part of the U.S. Department of Health and Human Services (DHHS), has remained essentially flat during

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### Is UB open?

Faculty, staff and students looking for information about the university's office hours and class schedules during inclement weather can call 645-NEWS or sign up to receive a text message sent to their cell phone and/or an email account.

The telephone line will be available 24 hours a day. The recorded message will be updated and a text messaging alert will be issued as soon as university officials decide to alter office hours and class schedules due to weather conditions or other situations.

To receive text-messaging alerts, go to <http://emergency.buffalo.edu/>.

Closing information also will be available on WBFO-FM 88.7, at [www.buffalo.edu](http://www.buffalo.edu) and at [MyUB.buffalo.edu](http://MyUB.buffalo.edu).



# Questions & Answers

## NEWSMAKERS

Because of their expertise and reputations, members of the UB faculty and staff are sought out by reporters who quote them in print, broadcast and online publications around the world. Here is a sampling of recent media coverage in which UB is mentioned prominently.

*"We should have an open interview section and it should be inclusive, it should be a thoughtful process and it should include a minority candidate. Open the process up and you might be surprised at what you find."*

► **Athletics Director Warde Manuel** in an article in *The New York Times* about the likelihood that Americans will elect a woman or an African-American to the White House before the University of Alabama—or most of the other so-called big-time college football powers—hires an African-American head football coach.

*"In the case of a physician of significant reputation and renown, and Jarvik is well-known for his artificial heart, I think it's sending a rather dishonest message—that, he himself taking Lipitor is healthy enough to row up and down whatever stream he was rowing. Since he used a body double, that's dishonesty."*

► **David Triggie**, University Professor and SUNY Distinguished Professor in the School of Pharmacy and Pharmaceutical Sciences, in an article in *The New York Times* about the appropriateness of using well-known doctor Robert Jarvik in advertisements to endorse the cholesterol-lowering drug Lipitor.

*"We don't feel old pain. What we remember are the narratives... what survives are the memories... What happens when something so horrible is so beautiful?"*

► **Bruce Jackson**, SUNY Distinguished Professor of English and American studies, in an article in *The Washington Post* on what life was like during the Great Depression.

*"It's not unusual. It's kind of leaving the door cracked open."*

► **James E. Campbell**, professor and chair of political science, in an article in *Newsday* about Mitt Romney's decision to "suspend" his campaign. Campbell also did radio interviews with WBEN, WILS (Michigan) and KGAB (Wyoming).



**Sharon Mitchell** is director of Counseling Services in the Division of Student Affairs.

### What is the mission of Counseling Services?

Counseling Services assists students in resolving personal difficulties and in acquiring those skills, attitudes and resources necessary to both succeed in the college environment and pursue productive and satisfying lives. Counseling Services strives to contribute to the overall educational mission of the university by facilitating the academic, emotional, social and vocational development of students, and by serving as mental health consultants to the entire campus community. Respect for diversity and a commitment to students' personal growth are guiding principles in the work we do.

### What services do you provide?

Many students meet with a counselor on a one-to-one basis (individual counseling) to work through personal concerns. Most students are seen for less than one semester. Group counseling offers support from peers and professional counselors. Groups allow for decreased isolation and enhanced learning about self and relationships in a trusting environment. Couples counseling works toward alleviating the strains in a close relationship. Crisis counseling and intervention are available in the form of same-day services and after-hours counselors on call. A counselor is available to meet with students in crisis when not being seen immediately could lead to serious consequences or seriously aggravate their existing condition. Examples of crisis situations include suicidal thoughts, recently witnessing or experiencing a traumatic event, thoughts about harming another person, concern about imminent danger to another person, inability to care for oneself, suspected hallucinations or delusions or the recent death of a loved one. Our work extends beyond our office. Educational workshops provide

a structured presentation of information and skills practice appropriate to students' personal development and progress as college students. Our Web site (<http://www.student-affairs.buffalo.edu/shs/ccenter/index.shtml>) has a wealth of self-help materials and online tools on a broad range of mental health topics. Consultation is available for campus groups and individuals—students, faculty or staff—who are concerned about the emotional well-being of someone else. We also provide referral to services on or off campus that might be helpful in addressing the concerns that students have. Counseling Services trains graduate students in psychology, social work, mental health counseling and psychiatry. Counseling Services collaborates with faculty on empirical research and theoretical papers, both here at UB and with other colleges and universities.

### How does Counseling Services fit in with the Student Wellness Team?

Caring for all aspects of students' well being—physical, intellectual, emotional, and social—contributes to success in college and beyond. This holistic approach is the foundation of the Student Wellness Team, comprised of Student Health Services, Wellness Education Services and Counseling Services. This collaborative, interdisciplinary team of caring professionals helps students optimize their wellness and empowers them to play an active role in their lifelong health. Wellness Education Services is the education and prevention arm of the Student Wellness Team. This office strives to create a campus community comprised of balanced and whole individuals by providing theory- and research-based, student-centered health-education programming to minimize or eliminate potential health risks. Programs are offered in such areas

as stress management; alcohol and other drug prevention; sexual-assault prevention; gay, lesbian, bisexual and transgender student health and wellness; and nutrition and exercise assessment. Health Services, the medical-care arm of the Student Wellness Team, offers free clinic visits with nurses and doctors. Counseling Services, the mental-health arm of the Student Wellness Team, helps students deal with personal crises and develop coping and problem-solving skills.

### Is there still a stigma associated with seeking counseling?

People who are unfamiliar with counseling may hold onto old myths that seeking counseling is a sign of weakness or severe pathology, rather than an acknowledgment that talking to a nonjudgmental mental-health professional in a confidential environment is a sign of strength and courage that is likely to prevent small problems from becoming bigger and more unmanageable. One goal of our outreach and programming is to reduce stigma around help-seeking and to educate the campus about how to be supportive of others who are struggling emotionally.

### What is the QPR Suicide Prevention Training Program?

The Student Wellness Team provides suicide-prevention programs and training to campus constituencies, including faculty, staff, students and parents to help foster a campus environment of self-care, connectedness and mental-health knowledge. QPR (Question, Persuade, Refer) is a behavioral intervention that focuses on getting distressed individuals the help they need. It is intended to teach front-line people (resident advisors, academic advisors, friends, religious professionals, faculty/staff, parents, etc.) how to recognize the warning signs of emotional distress, including verbal, behavioral and

situational clues. QPR provides direction as to how to question a person about behaviors of concern, including suicidal thoughts, how to persuade them to get help and where to refer the person for help.

### What can faculty and staff do when they sense a student is in emotional distress? What are some of the warning signs that a student is in need of help?

People dealing with personal concerns or problems tend to show signs that they are struggling in some way. Faculty and staff can educate themselves on the warning signs of emotional distress; become familiar with the resources available on campus, such as the services of the Student Wellness Team; and increase their skill and comfort level in talking to a student who seems troubled. Faculty and staff can contribute to a caring campus community by reading the referral guide for faculty and staff on our Web site (<http://www.student-affairs.buffalo.edu/shs/ccenter/referralguide.shtml>), by inviting Counseling Services staff to make a presentation at a departmental meeting, by attending QPR training (which can also be arranged for a specific department or workgroup) or by calling Counseling Services to consult when you are not sure how to respond to a student. If a student is being disruptive in class, threatening to harm others, or has explicitly stated an intention to kill him or herself if given the opportunity, please contact campus police for immediate assistance. Campus police can arrange for the student to get the mental-health intervention that is needed in order to ensure the safety of the student and others.

## REPORTER

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PHOTOS: PAUL HOKANSON



## Thinking Pink

Breast cancer awareness was the theme on Saturday as the women's basketball team took part in the WBCA's Think Pink Day. Stephanie Bennett wears a pink wristband as she guards a Toledo player. Coaches don pink sneakers. Fans get into the spirit. Pink T-shirts were sold, with profits going to breast cancer research. UB beat Toledo, 60-45.



# Recognizing Spitzer's 'bold vision' M

## UB Council urges government partnership to ensure success of UB 2020

By **CHARLES ANZALONE**  
Contributing Editor

**T**HE UB Council Tuesday unanimously approved a resolution commending Gov. Eliot L. Spitzer for his commitment to and plans for public higher education in New York state and his "bold vision for the University at Buffalo as a flagship university" in the SUNY system.

The resolution at the same time calls on Spitzer and the state Legislature "to work in partnership to secure the necessary public investment and policy initiatives to ensure the success of UB 2020."

President John B. Simpson, in turn, promised council members that the university will not lose momentum in its quest to become one of the nation's foremost public research universities.

Simpson and council Chair Jeremy M. Jacobs both addressed UB's unique moment in history.

"We have the leadership, the plan and the growing external support to really turn this university into a world-class institution, with all the benefits that we bring to the local economy and its quality of life," Jacobs said.

Simpson outlined for council members the necessary steps that need to be taken if the university is to achieve its ambitious plan of expansion in becoming a world-class public research institution.

"Without question, the university is on the move," said Simpson. But the president also stressed the need to continue to focus on specific goals to ensure that UB 2020 is

more than just a lofty and hopeful vision dependent on the state's annual budget and candidates' election promises.

"The ultimate success of UB 2020 depends on getting the resources we need to fund the growth, the buildings and the programs we anticipate," Simpson said.

Following through on the next steps in the UB 2020 plan is essential, according to Simpson. His specific strategies for continuing the growing support and excitement for UB's historic plans include:

■ **Public Policy:** The recommendations contained in the recent report of the Commission on Higher Education are preliminary, not final, Simpson said. "I would like to see those adopted," he added.

■ **Public Relations:** UB Believers—the grass-roots group now approaching 5,000 members—is a powerful device to communicate the message of UB's mission, Simpson said. He urged council members to attend UB Day in Albany on Feb. 25, a day of meetings and receptions with state leaders intended to spread the message of UB 2020, in particular the fact that "as UB thrives, Western New York thrives."

■ **Leadership Outreach:** The clear and strong support Spitzer and his administration have shown recently is a direct result of frequent meetings with Spitzer, even when he was a candidate for governor, Simpson said. Now, New York has a governor as knowledgeable about UB 2020 as anyone from the university, he said.

Simpson said it is especially im-

portant to work together with other SUNY officials. He reported that he met recently in New York City with the president of Stony Brook University to discuss ways the two designated flagship SUNY institutions can work together toward common goals. These academic, administrative and political connections will continue in hopes of building on the consensus and understanding of what UB is attempting to do, Simpson said.

■ **Role of the UB Council:** Simpson also encouraged council members to become active participants in UB's ascent toward becoming a great public research institution. He urged them to contact key Albany leaders to support UB 2020, asking

them to approve necessary resources and rules that give UB increased policy flexibility. Simpson told council members that he needed their involvement and commitment to spread the word and make sure the direction UB has begun does not get sidetracked by other agendas and priorities.

The council welcomed three new members: Robert T. Brady, chairman and CEO of Moog Inc.; Pamela Davis Heilman, a partner with Hodgson Russ LLP; and Christopher J. O'Brien, a principal in the law firm of O'Brien Boyd.

The council also unanimously endorsed a resolution praising the dedication and service of Randall L. Clark, who recently left the group.

### Christopher O'Brien joins UB Council

Christopher J. O'Brien, a principal in the law firm of O'Brien Boyd, has been appointed as a member of the UB Council, the university's local governing council, by Gov. Eliot L. Spitzer.

O'Brien has handled a wide variety of personal injury cases, securing multimillion verdicts and settlements. He has represented people hurt in car crashes, children who have been sexually assaulted and the estates of people who were killed by drunk drivers.

A past president of the Western Region Affiliate of the New York State Trial Lawyers Association, he is one of two lawyers in New York state to have achieved the status of diplomate in the National College of Advocacy and is nationally known for his expertise in teaching trial technique. He regularly lectures for the American Association for Justice and for the National Institute for Trial Advocacy.

O'Brien has served as a volunteer trial team coach for a number of trial teams at the UB Law School, and for several years co-taught a class at the school on "The Art and Science of the Jury Trial" with the Hon. Thomas P. Franczyk.

O'Brien is a graduate of the College of the Holy Cross and the Washington & Lee Law School.



—Arthur Page

# Program shows that fit is the way to go M L

By **SUE WUETCHER**  
Reporter Editor

**A**S project director of the Western New York Wellness Works initiative in the School of Public Health and Health Professions, Cassandra Hoebbel consistently sees the importance of taking action to improve one's health.

"I spend a lot of my time researching and communicating the importance of health behavior change, but do not spend enough time and effort on my own," says Hoebbel.

But that has changed for Hoebbel, one of 44 UB faculty and staff members participating in Move It To Lose It, UB's version of the popular reality television show "The Biggest Loser."

Move It is a 12-week fitness challenge that pits two-person teams against each other in order to get fit, lose weight and win prizes. It is administered by Wellness & Work/Life Balance, a new unit within University Human Resources, in collaboration with the School of Public Health and Health Professions and Recreation & Intramural Services in the Division of Athletics.

The initial call for participants for the challenge was extremely successful, with 29 teams applying to be part of the program, says

Amy M. Myszk, coordinator of Wellness & Work/Life Balance.

Although only 15 teams were accepted into the main competition, "we didn't want to leave out the extra teams. We wanted everybody to have a chance," she says.

So the program, which began on Friday and will run through May 2, was expanded to include all the teams, although at different levels of participation. The 15 teams in the main competition were dubbed the "Movers." They are competing for a grand prize of two flat-panel television sets. The extra teams, the "Shakers," are competing for two iPod touch screen MP3 players.

Moreover, in an effort to get the rest of the campus involved, employees who want to follow the program can download a personal weight-loss tracker from the Move It To Lose It Web page ([http://hr.buffalo.edu/index.php?module=pagemaster&PAGE\\_user\\_op=view\\_page&PAGE\\_id=486](http://hr.buffalo.edu/index.php?module=pagemaster&PAGE_user_op=view_page&PAGE_id=486)) and use it to track their

own performance. At the end of the program, these employees will be entered into a random drawing to win a digital camera.

Hoebbel and her Class One



**The Weigh Cool Girls—Joan Brant, left, and Ann Metzler—use their lunch break to take a walk around the indoor track in Alumni Arena.**

PHOTO: NANCY J. PARISI

Dropouts teammate Harvey A. Berman, associate professor in the Department of Pharmacology and Toxicology, are "Movers."

"My doctor told me at my last physical, 'you're not 25 anymore,'" Hoebbel says, "and I realized it really was time to make the changes in my life that would help me become a healthier person."

Berman agrees that Move It To Lose It offers "a golden opportuni-

ty" to work toward his fitness goal. "I have fabulous access to exercise scientists, nutritionists and personal trainers who are providing point-on advice," he says.

The Weigh Cool Girls—Ann Marie Metzler and Joan Brant, both of whom work in Divisional HR, Administrative Services—say the competition is a "terrific incentive to shed some pounds, work together to lead a healthier lifestyle, get exercising and to have fun."

"We think it's great that HR is offering this wonderful opportunity and is promoting wellness at our university," the Girls wrote in an email to the *Reporter*.

Katherine L. Frier, director of the Wellness & Work/Life Balance unit, notes that while Move It To Lose It is a fun event, the goal of the unit is a more serious one: to promote behavior change and help employees make better choices for healthier lifestyles.

"We want the campus culture in the long run to be one where fit is the way to go," she says. "We're going to be talking about health in the whole picture," including emotional and spiritual well-being, she points out. "We're concentrating right now on physical fitness, but in the long run we want to be able to provide services to employees that really show that the university cares about their well-being."

## BRIEFLY

### DeFrantz to speak at sports day

Olympic bronze medalist Anita L. DeFrantz will be the featured speaker at UB's 18th annual celebration of National Girls and Women in Sports Day (NGWSD) on Feb. 16.

DeFrantz, who captained the U.S. women's rowing team that won a bronze medal at the 1976 Montreal Olympics, will speak at 3:30 p.m. in Lippe Concert Hall in Slee Hall, North Campus. UB student-athletes also will give a presentation as part of the Slee program.

A member of the International Olympic Committee, DeFrantz served as the IOC's vice president from 1997-2001 and as a member of the executive board from 1992-2001.

UB's celebration of NGWSD will open with a free multisport clinic for girls ages 7-14 from 12:30-3:30 p.m. in the triple gym in Alumni Arena, North Campus. The clinic also will feature three minisessions on healthy behaviors.

Registration for the clinic will begin at noon. Participants will receive instruction, a pizza party and one ticket to the UB men's and women's basketball doubleheader in Alumni Arena. The women will take on Central Michigan at 5 p.m., and the men will face Miami at 7 p.m.

Additional game tickets can be purchased for \$5.

Laura Barnum, former associate athletics director for internal operations and senior woman administrator, will receive the UB Recognition Award at halftime of the women's basketball game. Barnum, who played volleyball at UB from 1988-1992, currently serves as senior assistant vice president for resource planning and information management.

NGWSD at UB is sponsored by the Division of Athletics in conjunction with the undergraduate Student Association.

### Grant to help expand WBFO's audience

WBFO-FM 88.7, UB's National Public Radio affiliate, has been awarded a \$20,000 grant from the Cameron Baird Foundation to be used toward the installation of a new tower and antenna that will increase and improve service to its Western New York audience.

WBFO recently announced the receipt of a \$223,500 grant from the federal Public Telecommunications Facilities Program—the largest single competitive grant ever received by the station—for the installation of the tower and antenna. The funds from the Baird Foundation will be used toward the approximate \$575,000 that WBFO must secure in private funding to help cover the cost of the project.

The new tower will stand 45 percent higher than WBFO's current tower, and will allow the station to deliver a significantly stronger signal to the more than 1.15 million people within its broadcast area, according to Carole Smith Petro, associate vice president and WBFO general manager.

"The Cameron Baird Foundation has been a solid and reliable supporter of WBFO's efforts to deliver high-quality public radio," Petro said. "We are grateful for their ongoing confidence in WBFO. Their support allows the station to take full advantage of current digital, satellite and Internet capabilities and places WBFO in the technical forefront of both commercial and public radio stations across the nation."



**BRIEFLY**

**Redneck Tenors to appear in CFA**

The Center for the Arts will present 3 Redneck Tenors at 8 p.m. Feb. 27 in the Mainstage theater in the CFA, North Campus.

In the melodic wake of the three operatic tenors comes a new breed of tenors from more humble origins—3 Redneck Tenors: A New Musical Adventure. Written by opera veteran Matthew Lord with music arranged by Craig Bohmler, 3 Redneck Tenors features a cast of veteran opera and Broadway stars, including John Wilkerson, Alex Bumpas, Matthew Lord and Dinny McGuire.

Join Billy Bob, Billy Joe and Billy Billee as they mix NASCAR with La Bohème, lite beer with Carmen and even kick up a little dust with Madame Butterfly. It's a foot stompin', knee slapin', uproariously funny musical redneck romp, with tunes from Elvis to Puccini, soul to pop and country to opera.

Tickets for 3 Redneck Tenors are \$30 for general admission and \$20 for students and are available at the CFA box office and at all Ticketmaster locations, including ticketmaster.com.

**CDS expands work in compost program**

In the effort to support sustainable living practices on campus, Campus Dining & Shops (CDS) has expanded the number of its units providing food and kitchen scraps to UB's outdoor composting program. The compost pile, located near Helm Warehouse on North Campus, is managed and maintained to provide the university with mulch and nutrient-enriched soil for landscaping purposes.

Eight CDS kitchen operations now are participating, with the additions of Goodyear Dining Center and Harriman Café on the South Campus. Each kitchen has received a set of five-gallon bins with locking lids to discard appropriate food and kitchen scraps. Items composted include fruit and vegetable scraps, baked goods, breads, rice and pasta, paper towels and napkins, tea bags, coffee grounds and egg shells. The compost bins are collected three days a week and combined with yard waste at the compost site.

Other contributing locations include Governors Dining Center, Bert's Food Court, Campus Catering (Statler), Richmond Dining Center and Ellicott Food Court.

The compost site, which took in five tons of food waste last year, is maintained by Bill Bagley, recycling coordinator.

**LETTERS TO THE EDITOR**

**Sending Letters to the Reporter**

The Reporter welcomes letters from members of the university community commenting on its stories and content. Letters should be limited to 800 words and may be edited for style and length. They must be received by 9 a.m. Monday to be considered for publication in that week's issue. The Reporter prefers that letters be received electronically at [ub-reporter@buffalo.edu](mailto:ub-reporter@buffalo.edu). For the Reporter's policy regarding letters to the editor, go to <http://www.buffalo.edu/reporter/letterspolicy.html>.

**Avner Peleg studies mathematical modeling of fiber-optic systems using statistical tools**

# Formulating future of broadband

By **KEVIN FRYLING**  
Reporter Staff Writer

IT wasn't a big surprise that Avner Peleg chose to pursue a doctorate after growing up in a family of academics in Jerusalem. What raised a few eyebrows, he says, was his decision to study physics rather than follow in the footsteps of his father, a mathematician who studied under Robert Aumann, winner of the 2005 Nobel Prize in Economics.

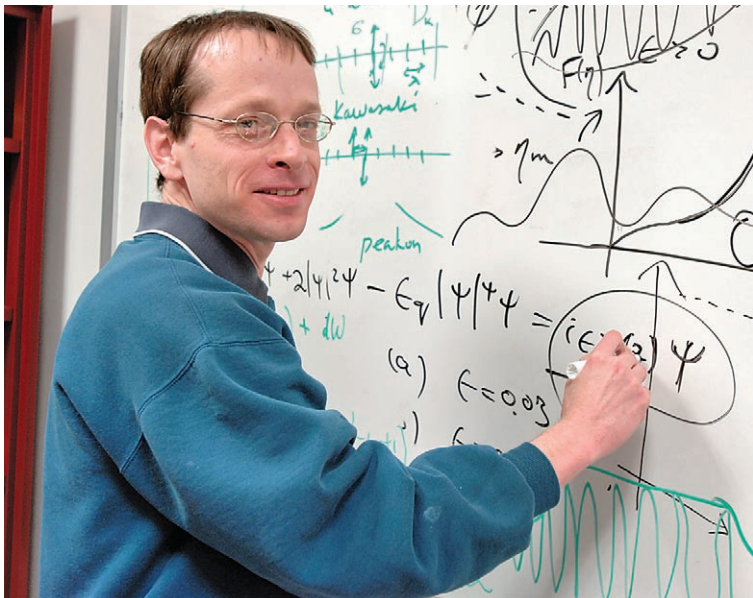
All this makes it even more fitting that his research has since brought him back to the subject that was also his father's passion, says Peleg, who joined the UB faculty last fall as an assistant professor in the Department of Mathematics, College of Arts and Sciences. Prior to coming to UB, he served as a postdoctoral research associate at the Los Alamos National Laboratory, and later the University of Arizona.

"The main subject of my research now is fiber-optic communications systems"—specifically the mathematical modeling of fiber-optic systems using statistical tools, says Peleg. "The question I'm trying to answer is how the interplay of randomness in the bit pattern and non-linear phenomena contribute to error generation," he says.

Since information in a fiber-optic network travels as a series of pulses of light—with each pulse representing a specific bit of data in a long stream of information—Peleg says it's crucial to learn more about the combined impact of these phenomena, as it can contribute to serious interruptions in the flow of information and form a significant hurdle in the race toward the future of high-speed optical communication, including video-on-demand and ultra-broadband Internet. Peleg explains that non-linear phenomena refer to interactions between the light pulses and the fiber-optic cable—interactions that distort the shape of the waves and degrade transmission—and randomness to the fact that at any given time there is an equal chance of having a 1-bit and a 0-bit in the

bit string, and this is reflected in the pulse sequence.

The challenges of fiber-optic transmission are complicated even further in the case of multichannel transmission—in which the same fiber-optic cable transports multiple series of light pulses using different frequencies—because each new channel compounds the chance of detrimental interaction



**Avner Peleg says his background in physics has been valuable in his field of study—fiber-optics communications systems, specifically the mathematical modeling of fiber-optic systems using statistical tools.**

between information streams inside the cable, he says.

"One of the non-linear phenomena that is important in multichannel transmission is called Raman scattering. In this case, the more information you transmit, the more important the energy exchange in pulse collisions becomes," Peleg says. "If you have a fiber-optic network system with just a few channels, then this effect is completely negligible. But the magnitude of the effect grows by the square of the number of channels."

Currently, Peleg says typical high-speed broadband connections exploit as many as 10 channels capable of carrying information at a total rate of about 100 gigabytes per second. "Obviously in the future," he says, "you want to do more than this." To illustrate the sheer magnitude of information

that communication companies are looking to transmit, he points to a 2003 study by Lucent Technologies (now Alcatel-Lucent) in which researchers used a fiber-optic cable carrying 109 channels to send information along a transoceanic distance at a staggering rate of 1.09 terabytes per second.

"What is the probability for an error? How does the probability

for an error in the receiver depend on the number of channels? How does it depend on the propagation distance?" Peleg asks. "What we're trying to do is make the best mathematical models to answer these types of questions. The next step, once we understand how strong or how severe the phenomenon is, is to find ways to reduce it."

The recipient of master's and doctoral degrees in physics from the University of Jerusalem, as well as a bachelor's degree in physics from the Israel Institute of Technology, Peleg says his background in physics has given him a great advantage when it comes to tackling the mathematical puzzles that fascinate him. His own investigations as part of a team of scientists at Los Alamos have even been cited as helping establish a new field of inquiry—the statistical physics of

optical communication.

"It's important to understand the underlying physics because otherwise the mathematical model would be artificial," he says. "Being resourceful in mathematics is extremely helpful, but I'm still using many of the skills I learned during my Ph.D."

UB faculty members working on topics related to his research are found not only in the Department of Mathematics, but also in the School of Engineering and Applied Sciences, says Peleg, who is cultivating relationships with colleagues who share his interests. In addition to fiber optics, Peleg says several colleagues in the math department's applied mathematics group, of which he is a member, are performing research on materials science—a subject related to his doctoral thesis. His academic activities—both this semester and last fall—also include teaching an undergraduate math course on differential equations.

"One of the things that surprised me, in a good way, is that the level of students that I have encountered in this course has been better than the level of students at the University of Arizona," Peleg says. "Maybe it's representative of the university, maybe it just depends on the course, but I've been very pleased by the level of students here."

Although his family remains overseas—his brother, Gadi, a physicist, works in Israel and sister, Orit, an archaeologist, is performing postdoctoral research at Oxford—Peleg, who resides in Williamsville, says the professional opportunities available to him in the United States and at UB provide "an ideal place to work in science."

"This is a large department," he adds, "and the fact the university's growing also makes it attractive. I felt that at Los Alamos they were trying to bring in the best people that they could—both from within the U.S., but also from abroad—and I feel that here they have this same attitude. Usually when a place is growing it means good things are happening."

## Women in crisis focus of the Athena Project

### UB initiative addresses psychic trauma of intimate partner violence

By **LOIS BAKER**  
Contributing Editor

BETWEEN 900,000 and 3 million women annually experience violence or abuse by their intimate partners, the U.S. Department of Justice estimates.

And while the children in such relationships often receive extensive counseling as a matter of course, support for their mothers—who may have experienced sexual or emotional abuse as well as physical abuse—may not go beyond providing temporary safe housing. If counseling or additional services are available, they are likely to be sporadic or dispersed throughout a community.

For women in crisis, these may be hurdles too great to overcome.

The Athena Project at UB was designed to help correct that scenario.

Headed by J. Gayle Beck, professor of psychology in the College of Arts and Sciences, the project is offering private and confidential psychological assessment, treatment and counseling in a safe location to victims of intimate-partner violence.

In addition to offering aid and comfort, the Athena Project will generate pilot data that Beck and colleagues will use to design a group-treatment program that can be adopted by organizations throughout the United States.

Beck developed a similar program for people who suffer from post-traumatic stress disorder (PTSD) following traumatic car accidents.

The researchers chose the name

Athena purposely. "We wanted to call the project something other than 'domestic violence,'" said Beck. "Athena is the goddess of wisdom, battle and certain crafts. She is portrayed in armor and also tending a pot over a fire. We thought the name was appropriate, given the many challenges these women have faced."

"There has been much research on abused children and many programs to care for them, but abused women themselves have some pretty profound problems, and these haven't been addressed in the psychological literature," she continued. "We have put together an in-depth psychological assessment, and will do some careful groundwork research on intimate partner violence."

The project will define the trauma resulting from this violence, the social and psychological consequences it causes, the mental health needs of these women and how social services can meet these needs. Some of the problems Beck expects to address include intrusive memories of the abuse, trouble concentrating, being jumpy or irritable, and depression and anxiety.

The researchers have worked with 30 women to date and plan to see at least 30 more. Women can be counseled and receive services at the Family Justice Center, 237 Main St. on the 14th floor, or at the Center for Anxiety Research, 168 Park Hall, North Campus. Both sites provide child care. Women may call 645-3650, ext. 230, for more information.



# Picking the next president

## Country should be focused on candidates' ideas, approach

By **KEVIN FRYLING**  
Reporter Staff Writer

A leading voice in American politics came to UB last week to talk about the 2008 presidential race and outline his vision for America in the 21st century.

Harold Ford Jr., chairman of the Democratic Leadership Council and a former member of the U.S. House of Representatives from Tennessee, spoke on Feb. 7 as part of the 32nd annual Martin Luther King Jr. Commemoration Event, which is part of the 2007-08 Distinguished Speakers Series. His visit came only two days after "Super Tuesday," in which 24 states held presidential primaries or caucuses.

"There's a good chance we will see a historic thing happen," Ford said of this year's presidential contenders. "We will certainly see a Democratic nominee who represents history—and perhaps the next president of the United States will be someone very different than anyone who has ever occupied the Oval Office in a big way."

Even more important than who turns out to be the next president, however, will be his or her take on key issues facing the nation, he added.

"Everyone wants to focus on the woman, on the black, and what that may mean," he said. "What we really should be focused on is their

ideas, their approach, the path they want to take, the experience they have to take us there and the specifics of how they will get us there and what they will expect when we arrive."

One of the next president's greatest priorities should be restoring the "standing, stature, respect and moral authority" of the United States, Ford said, noting that the U.S., when its reputation is strong and good, is an example to which the world aspires.

"Poverty and lack of literacy and lack of hope are fueling and feeding a kind of hatred about who we are around the globe," he said. "That hate in a lot of ways has at its root a total misunderstanding of who we all are."

Other important issues facing the next U.S. president, he added, include improving services for veterans returning from combat overseas and reducing the country's dependence on foreign sources of energy.

Ford said a lot of people have asked him which Democratic candidate he thought Martin Luther King Jr. would support as president, but he replied that he doesn't believe in playing games of speculation. "He might be supporting Mike Huckabee," he noted.

**"If there was ever a time in which I think every voice needs to be heard, it's this election."**

HAROLD FORD JR.



"He was a Baptist preacher." What he does know, however, is that King's "whole life was dedicated to trying to figure out what was right and what was wrong."

Martin Luther King Jr. Day should be regarded as "an accounting day," Ford said, in which everyone reflects on the actions they've taken over the past year to promote "hope, opportunity, chance, freedom and fairness," which were at the core of King's beliefs—as well as the principles upon which the United States was founded. "The greatness of a nation," Ford said, "is only sustained when the people...understand their role" in the process.

"I love the fact [the Democratic nomination] is taking a little longer," he added. "It gives more voters a chance to weigh in about what America's future should look like and who should help change it. It's good for America and it's good for democracy."

"If there was ever a time in which I think every voice needs to be heard," he said, "it's this election."

# Cutting Edge lectures set

By **SUE WUETCHER**  
Reporter Editor

TOP UB scholars in the arts and sciences will give presentations aimed at increasing public awareness of rapidly advancing fields as part of the sixth annual Cutting Edge Lecture Series, five seminars presented on Saturday mornings by the Humanities Institute in the College of Arts and Sciences.

The free lectures will take place from 10:30 to noon in the Center for the Arts, North Campus. While the lectures are geared toward high school students, the general public, as well as UB faculty and staff, are encouraged to attend.

The series is designed to "get the public to visit campus, relate with the faculty and get an idea of what cutting-edge research really means," says Michele Bewley, assistant director of the Humanities Institute who organized the series. "The series has encouraged people in the Buffalo area to take pride in UB and see it as 'their university.'"

About 1,000 students from more than 40 different Western New York high schools have participated in the series and in a Poetry Contest also sponsored by the Humanities Institute.

This year's Cutting Edge Lecture Series will open on Feb. 23 with a presentation by Mark Frank, associate professor in the Department of Communication, entitled "Detecting Deception in the Age of Terrorism." Frank's scholarly work

focuses on the detection of involuntary facial "microexpressions" that may indicate a person is being deceptive. His research is useful in detecting potential terrorists at security checkpoints. Frank's work recently was featured on National Public Radio as part of a series on new developments in lie detection.

The series will continue on March 8 with a lecture, "Treasures of the Spanish Main, or the Hidden Origins of American Societies," by José Buscaglia-Salgado, associate professor in the Department of Romance Languages and Literatures, and director of the Program in Caribbean Studies. The lecture will present some of the earliest contributions made by diverse social actors in the New World, throughout the old Spanish Main and beyond, showing in the process how these contributions gave rise to some of the most important ideas and institutions of truly universal projection and transcendence.

On March 29, Peter Pfordresher, associate professor in the Department of Psychology, will discuss "Why Are So Many People Bad Singers, Yet Good Talkers (or Are They)?" While most people consider themselves inept singers—occasionally invoking the term "tone deaf"—it is uncommon to hear anyone doubt their ability to vocally communicate in their native language. Pfordresher will offer a clearer understanding of how people communicate vocally,

as well as a more realistic assessment of individual differences in vocal communication.

The April 5 presentation, "Ide-a-Jacked: Tsunami-Level Chaos and Opportunities in Technology and Trade," will be given by Patrick Kennedy, B.A. '78, founder, CEO and chairman of Cellport Systems of Boulder, Colo. The lecture will cover the importance of inventions and intellectual property (IP) in America and the current challenges to its technology-driven wealth in the global counterfeiting and IP theft markets. It also will look ahead to technologies and a new order in "trusted-commerce" that will emerge in the future.

The series will conclude on April 12 with a talk by Stephen Henderson, associate professor in the Department of Theatre and Dance, entitled "How One Spends the 20 Years Leading to Overnight Success." A professional actor as well as a UB faculty member, Henderson has made appearances on the television show "Law & Order," but will appear in his first regular series role in "New Amsterdam," premiering next month on Fox.

In his talk, Henderson will discuss how fulfilling a life in the arts can be without fame or wealth—or at least until they arrive—and coming to terms with expectations of instant success.

For more information about the series, visit <http://humanitiesinstitute.buffalo.edu/initiatives/cutting-edge> or call 645-2711.

## ElectronicHighways

### Heart disease awareness and prevention

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In addition to being Black History Month and Library Lovers Month, February is American Heart Month, which makes it the perfect time to focus on heart-disease awareness and prevention.

Heart disease is the leading cause of death in the United States and while ribbons for cancer awareness are prevalent, it's rare to see a red dress—the symbol of the American Heart Association's Go Red for Women (<http://www.goredforwomen.org/>) campaign—magnet on someone's car. Luckily there is a plethora of resources online to help you educate yourself about heart disease and what you can do to help prevent it.

Web MD (<http://www.webmd.com/>), one of the leading health portals in the United States, has a Heart Disease Guide (<http://www.webmd.com/heart-disease/guide/>) that includes information on heart-disease causes, symptoms, tests and treatments, as well as a section on living with heart disease.

In line with its mission to "build healthier lives, free of cardiovascular diseases and stroke," the American Heart Association's Web site (<http://www.americanheart.org/>) is targeted toward the general public and provides much information on heart attack and stroke, while encouraging users to make positive changes in their heart health. One of the most educational features of the site is the Cardiovascular Media Library (<http://medmovie.com/mmdatabase/MediaPlayer.aspx?ClientID=65&TopicID=0>), which provides captioned illustrations and animations of conditions, treatments and procedures related to heart disease. Through the site, you can also sign up for free monthly e-newsletters to help you stay abreast of new developments in heart health.

The Centers for Disease Control and Prevention also has a Web page specifically focused on heart disease (<http://www.cdc.gov/heartdisease/>).

Fact sheets on the relationship between gender and heart disease are particularly useful, and an FAQ helps users quickly find answers to their questions. It also is the perfect starting point for those interested in statistical information about heart disease in the United States.

The University Libraries is a gateway to many resources on heart disease and heart health. There is a general resources by subject guide for Medicine (<http://libweb1.lib.buffalo.edu/infotree/resourcesbysubject.asp?subject=Medicine>) that points to partial and full-text databases like MEDLINE and EBMR, as well as a guide specifically focused on UB library resources entitled Heart and Cardiovascular: Selected Resources (<http://ublib.buffalo.edu/hsl/resources/guides/mmheart.html>).

Spend some time this month learning a bit about heart disease and what you can do to reduce your risk. Your heart, and that of your valentine, will thank you for it.

—Karen Morse, University Libraries

## Briefly

### Shire to conduct workshop at UB

**David Shire**, winner of both Academy and Grammy awards, and a Tony Award nominee for his music for the Broadway musical "Baby," will conduct a workshop on "Music as a Function of Acting," from 1:30-4:30 p.m. Sunday in the Rehearsal Workshop, room B83 in the Center for the Arts, North Campus.

The workshop is free and open to the public, but seating is limited and will be on a first-come-first-served basis.

Shire's visit to UB is in conjunction with the Department of Theatre & Dance's upcoming production of "Baby."

The workshop will focus on Shire's work on "Baby," and students and faculty involved in the UB production will serve as active participants, according to Nathan R. Matthews, director of music theatre and assistant professor in the Department of Theatre & Dance, College of Arts and Sciences.

The Department of Theatre & Dance will present "Baby" Feb. 27 through March 1 at 8 p.m. and March 1-2 at 2 p.m. in the Black Box Theatre in the CFA.

Tickets are available at the CFA box office and at all Ticketmaster locations, including Ticketmaster.com.

"Baby," based on a book by Sybille Pearson with lyrics by Tony Award-winner Richard Maltby Jr. and music by Shire, follows three couples' journeys through their pregnancies on a university campus. *The New York Times* has written that "Shire writes with sophistication over a range that embraces rock, jazz and the best of Broadway schmaltz ... Maltby's lyrics are not just smart and funny, but often ingenious."



**BRIEFLY****Savion Glover, Tyner trio to perform**

The Center for the Arts will present Savion Glover and the McCoy Tyner Trio at 8 p.m. Feb. 28 in the Mainstage theater in the CFA, North Campus.

In a night where the keyboard meets the floorboard, legendary pianist McCoy Tyner and his trio are joined by tap master Savion Glover.

It is not an overstatement to say that modern jazz has been shaped by the music of McCoy Tyner. His blues-based piano style, replete with sophisticated chords and an explosively percussive left hand, has transcended conventional styles to become one of the most identifiable sounds in improvised music. His harmonic contributions and dramatic rhythmic devices form the vocabulary of a majority of jazz pianists.

Known to many as the undisputed king of tap, Savion Glover made his Broadway debut at age 12 as the title character in "The Tap Dance Kid." Throughout the years, he has worked with Gregory Hines, Sammy Davis Jr., and Buster Brown. He also has created two dance companies, appeared in many movies and performed for former President Clinton in the White House. Most recently, he won a Tony Award for his choreography in "Bring in 'Da Noise, Bring in 'Da Funk."

Tickets for McCoy Tyner Trio with special guest Savion Glover are \$48, \$42 and \$36 and are available at the CFA box office and at all Ticketmaster locations, including ticketmaster.com.

For more information, call 645-ARTS.

**CareerFEST set for Feb. 28**

CareerFEST, the all-majors job and internship fair, will be held from 3-6:30 p.m. Feb. 28 in the main gym of Alumni Arena, North Campus.

More than 100 local and national employers from a wide variety of fields will be available to meet with students about full-time employment and internship opportunities.

CareerFEST is particularly geared toward students in business, liberal arts and the social sciences.

"Students who start career exploration early have the most success finding employment," says Daniel Ryan, director of career services. "CareerFEST gives them access to employers they would otherwise not have, and for all students, this is extremely valuable."

Career Services also will hold a Summer Jobs Fair from 11:30 a.m. to 1:30 p.m. March 5 in the Student Union Lobby and Social Hall, North Campus.

Both fairs are free and open to all UB students and alumni.

For more information, visit <http://www.ub-careers.buffalo.edu>.

**JOB LISTINGS****UB job listings accessible via Web**

Job listings for professional, research, faculty and civil service—both competitive and noncompetitive—positions can be accessed at <http://www.ubjobs.buffalo.edu>.

**Book edited by Schneekloth details historic, cultural story of Buffalo's grain elevators**

# Distinguished works of industrial art

By **PATRICIA DONOVAN**  
Contributing Editor

**T**HE Concrete Central, Agway, the Great Northern, the Marine A, The Lake and Rail, Kellogg, Pillsbury, H&O Oats, Exchange American, Electric Annex—these are just a few of the "grand ladies of the lake" whose fascinating biographies and arresting photos are the subject of a new book on Buffalo's grain elevators edited by landscape architect Lynda Schneekloth.

"Reconsidering Concrete Atlantis: Buffalo's Grain Elevators" (2007, Urban Design Project and Landmark Society of the Niagara Frontier) tells the colorful and deeply researched historic, economic and cultural story of the elevators through essays and articles by Schneekloth, professor of architecture in the School of Architecture and Planning, and several notable preservationists, urban planners and historians.

The book, rich with scores of photos, drawings, maps, floor plans, charts, history and anecdotes, also presents proposed projects for adaptive reuse of the 13 abandoned elevators that still stand on the Buffalo waterfront. The proposals are by 12 authors from the UB School of Architecture and Planning, Cornell University and Columbia University.

The book will be part of an exhibition of recent work on Buffalo Niagara industrial heritage being held from 5-7 p.m. tomorrow in the lobby of Hayes Hall, South Campus. The event will feature a book signing, as well as a display of photos from the book and other original grain elevator photos by William Helm III.

Some members of the public consider the grain elevators as decaying, elephantine embodiments of the "concrete Atlantis" of the

book's title, an industrial and trading metropolis that slowly disappeared during the past 60 years.

These authors, however, see them as distinguished works of industrial art, invented in Buffalo, whose worldwide adoption marked the enormous industrial and international trade wave of the 19th and 20th centuries, and traced the rise and fall of the great transnational system of grain transportation.

Surprisingly, they also see them not only as constructions that defined an era—monuments to a vanished prosperity—but as the future of the Niagara Frontier.

Schneekloth and the book's other authors claim that the grain story should be celebrated as one of many that marks the remarkable economic history of the Niagara Frontier and should be used to initiate a renaissance of the transnational region.

This theme permeates the book, which is chock-full of details so rich and plans so promising that they make the case for the Buffalo Grain Elevator Heritage Trail proposed by one of the authors.

"(Ours) is a history that includes not only the enormous grain industry and the railroads and canals that developed here at the same time, but major U.S. and Canada steel-making enterprises, pioneering electric-power generation, extensive Great Lakes commerce enabled by New York State's Erie

and Ontario's Welland canals, the manufacture of distinguished Pierce Arrow automobiles, and much more," Schneekloth says.

"The region's role in the wealth of both nations establishes a home for the story told by the book.

"We should take great pride in our past, be eager to present its story to those outside this region," she says, "bring it into the present and let it help us set course for a future international conceptual park that includes the region's



**"Reconsidering Concrete Atlantis: Buffalo's Grain Elevators" tells the historic, economic and cultural story of Buffalo's grain elevators, "the grand ladies of the lake."**

magnificent natural landscape, a tradition of enterprise and the arts, and deep involvement in the history of war, peace and freedom in the U.S. and Canada."

Schneekloth, in her detailed introduction, points out that as early as 1840, the Great Lakes Region, of which the Erie Canal was the hub, was handling more than 7 million barrels of wheat and flour a year, a number that increased exponentially throughout the next century. Storing, loading and unloading the grain posed problems, however.

The book explains how these problems were largely disposed of by Buffalonian Joseph Dart, who invented the grain elevator

in 1842. These structures proved so successful in unloading grain from ships, drying and preserving even wet grain, storing it and unloading it onto railroad cars or barges for travel down the Erie Canal that their use spread throughout the grain-harvesting and transportation regions of the United States, Canada, Europe and South America.

By the 1880s, we learn that Buffalo had long been known as the "City of Grain Elevators" and by the first half of the 20th century, the city had the nation's largest capacity for the storage of grain. In fact, by 1917, the Concrete Central Elevator alone could store 4.5 million bushels.

In their heyday, the massive, imposing elevators were a source of great awe and had a demonstrable impact on European thought about modernism and architecture. The book demonstrates this in its descriptions and critiques by Rudyard Kipling, Le Corbusier, Bruno Taut, Vincent Scully and, of course, the late Reyner Banham, influential and prolific architectural theorist, critic and former UB architecture professor.

"Our book, which takes us beyond their past and offers a potential future use for these 'mighty tombs,'" says Schneekloth, "was accomplished through the cooperation of the Urban Design Project (UDP) in the School of Architecture and Planning and the Landmark Society of the Niagara Frontier, which provided historic documentation and successfully nominated two elevators in the Buffalo ensemble to the state and federal Register of Historic Places."

It was supported by a UDP grant from the National Endowment for the Arts and a Landscape Society grant from the New York State Council on the Arts.

# A dangerous transition for young women

## RIA report outlines implications of increase in drinking from high school to college

By **KATHLEEN WEAVER**  
Reporter Contributor

**I**NCREASES in young women's drinking during the transition from high school through the first year of college can have dangerous physical, sexual and psychological implications, according to a report by UB's Research Institute on Addictions.

The good news is that during the first year of college, when many young women increase their drinking, the majority (78 percent) of the 870 incoming freshmen women who participated in the study did not experience any victimization. The bad news, however, is that among the 22 percent of women who were victimized, 13 percent experienced severe physical victimization and 38 percent experienced severe sexual victimization.

The research results were published in the January 2008 issue of the prestigious *Journal of Studies on Alcohol and Drugs*.

"This is the first study that we

know of that has compared risk for physical and sexual assault among college women based on changes in drinking during this transition period," said Kathleen A. Parks, a senior research scientist at RIA and principal investigator on the study. "Clearly, abstaining from drinking is a protective measure. However, young college women should be aware that becoming a new drinker or increasing one's drinking during this transition increases the likelihood of victimization."

The study showed that among women who drank alcohol during the first year of college, rates of physical and sexual victimization were substantially higher compared to women who did not drink. In addition, the odds of first-year college sexual victimization significantly increased with each pre-college psychological symptom (i.e., anxiety, depression) and each pre-college sexual partner a woman reported.

Interestingly, researchers found

that the changes in drinking patterns during the high-school-to-college transition influenced risk for physical and sexual victimization in different ways.

About one fourth (27 percent) of the women reported that they abstained from drinking in the year prior to entering college. During the first year of college, only 12 percent continued to be abstainers. Among these abstainers, less than 2 percent reported physical victimization and 7 percent reported sexual victimization.

Compare this with drinkers, 7 percent of whom reported physical victimization and 19 percent, sexual victimization.

Being a new drinker during the first year of college (15 percent of the women) increased the likelihood of physical, but not sexual, victimization. The researchers speculated that new drinkers' social and physical inexperience or lack of tolerance for alcohol and its effects may increase women's impairment

when drinking, and subsequently, their vulnerability to potential perpetrators or dangerous situations. Perhaps the physically disinhibiting effects of alcohol for new drinkers may cause them to be more reactive, possibly verbally aggressive, or more likely to call attention to themselves, thereby putting themselves at risk for physical aggression in social-drinking situations.

Parks encourages development of prevention programs that emphasize the risks of drinking and heavy drinking in social situations for women. Women with a history of drinking before entering college are at greatest risk for escalating their drinking and experiencing more negative consequences.

Other researchers included Ann M. Romosz, project director; Clara M. Bradizza, senior research scientist at RIA and research assistant professor of psychiatry in the School of Medicine and Biomedical Sciences; and Ya-Ping Hsieh, data manager and analyst for the study.



**Spitzer**

Continued from Page 1

model 21st-century public university that will rise among the ranks of the nation's public research universities. UB 2020 objectives include the hiring of more than 2,300 faculty and staff, growing UB's student enrollment to 40,000 and expanding UB's campus in downtown Buffalo.

"By recognizing UB as a flagship campus for the SUNY system and endorsing the UB 2020 vision of excellence, Gov. Spitzer has strongly reinforced the leadership role that UB's growth and success will play in our region and state," Simpson said.

Achievement of UB 2020 growth objectives will increase UB's economic impact on the region from \$1.5 billion to \$2.6 billion and help transform the region's economy into one based on the creation of knowledge and new technologies.

The UB Downtown Gateway, overlooking the Buffalo Niagara Medical Campus, provided an



**Gov. Eliot L. Spitzer talks with Buffalo Mayor Byron Brown and UB President John B. Simpson before his address.**

PHOTO: NANCY J. PARISI

appropriate and symbolic setting for the forum with the governor. The Downtown Gateway is the newest building on UB's growing downtown campus. Purchased in

September, the building will be renovated to house UB community programs and will play a role in the university's efforts to help revitalize Buffalo's downtown core.

**Research**

Continued from Page 1

the past five years, resulting in a loss of approximately 11 percent in the NIH's "purchasing power" to fund research due to inflation.

At UB, he said, DHHS funding of \$95.6 million represented 47.3 percent of total federal expenditures, a decrease of 8.6 percent from FY 2006. This decrease reflects a national trend, but is not as large as decreases experienced by some other leading research universities.

On the other hand, funding of UB research from the U.S. Department of Defense increased 20.7 percent to \$22.8 million.

José noted that major factors reflected in the increase in UB's science and engineering research expenditures in FY 2007 included a 15.6 percent increase in industrial funding and a 15.4 percent increase in state and local government expenditures.

Expenditures for research in the life sciences accounted for 67.9 percent of UB's \$314.83 million in science and engineering expenditures, while medical research expenditures represented 69 percent of the life sciences total.

Research expenditures in engineering had a 16.1 percent increase over FY 2006, and expenditures in the physical sciences experienced a 12.5 percent increase over the prior year.

**Obituaries****Arnold Mittelman, UB, RPCI researcher**

A memorial service will be held in June at the Chautauqua Institution for Arnold Mittelman, a former Roswell Park Cancer Institute physician and researcher, and research associate professor of surgery at UB, who died on Feb. 3 in Wilmington, Del. He was 83.

Mittelman earned his medical degree from Columbia University in 1954, interned at Johns Hopkins and served his residency at Columbia Presbyterian Hospital in New York City.

He joined RPCI in 1961 as an associate cancer research surgeon, later becoming assistant director of

the general clinical research center and then chief of the colorectal service in the surgical oncology department.

Though his research interests focused on molecular biology, clinical pharmacology and colorectal surgery, Mittelman's knowledge spanned the spectrum of cancer medicine and research. He published more than 200 articles and abstracts in peer-reviewed journals and co-wrote "Chemotherapy of Urogenital Tumors" with Gerald P. Murphy, former director of RPCI. He was one of only two clinicians who served as a program leader on Roswell Park's

first cancer center support grant.

Mittelman also conducted the first clinical trials of photodynamic therapy, which led to the use of the treatment worldwide for several types of cancers.

He co-founded RPCI's Jurassic Society to keep retired faculty involved with the institute. Originally a social group, the society evolved to sponsor an annual lecture series.

Mittelman retired from RPCI in the late 1980s. In 1991, both UB and Roswell Park gave him the title of professor emeritus of surgery.

He moved to Delaware in 2001.

**TheMail****Essays meant to be read by humans, not computers****To the Editor:**

I recently read your article in the Jan. 31 *Reporter* on the future uses of computer software to grade student handwritten essays. Frankly, I am appalled.

I suppose I knew deep down this would happen someday in the future when bionic brains ruled our lives, but I didn't think it would happen so soon. I am all for electronic grading to speed up the process in the cases of multiple-choice questions. It's been around for decades. But come on, people.

Get your heads on straight! I would be insulted to know the effort I had put into an essay would never see a human eye. You may as well put an android at the head of the class teaching Shakespeare. My, think of the money and benefits you could save.

The written word was meant to be read by humans, not machines. I don't care how sophisticated the computer, how can you program humor, sadness or emotion? Good writing is more than information, sentence struc-

ture and proper grammar.

In today's society, I find it amusing that there is so much money put into software to enhance students' abilities to use the written word, but when they finally do get a job, the most they ever write are letters to the editor, an unreadable text message or a misspelled email.

Oh, and by the way...are you really human? If not, please forward to a sentient being.

**Peggy J. Pajak**  
University Libraries Preservation Program

**SportsRecap****M****Basketball****MEN'S**

**UB 89, Northern Illinois 81**  
**UB 68, Eastern Michigan 64**

Andy Robinson scored a career-high 35 points, including eight three-pointers, as UB broke a nine-game losing streak with an 89-81 victory at Northern Illinois on Feb. 5. The win also snapped a 19-game road losing streak for UB and a 15-game conference road losing streak.

Sophomores helped UB make it two in a row on Sunday, accounting for 51 of the 68 points scored by the Bulls in a 68-64 victory over Eastern Michigan in Alumni Arena. Sophomores scored 14 of the final 16 points in the Bulls' second straight win.

With the win, UB is now 8-14 overall and 2-8 in the MAC.

**WOMEN'S**

**UB 60, Toledo 45**

UB used strong defense to defeat the Toledo Rockets, 60-45, Saturday afternoon in Alumni Arena. The Bulls allowed Toledo to score just 14 points in the second half and the 45 points were the second fewest allowed by the Bulls in a game this season. With the win, UB improves to 12-10 on the season and 5-4 in the MAC.

The largest home crowd of the season—1,025 fans—watched UB celebrate Think Pink Day. The Bulls wore pink headbands and wristbands to help increase breast-cancer awareness. During halftime the student organization True Blue donated \$2,000 to the Breast Cancer Network of Western New York.

**Wrestling**

**Kent State 23, UB 9**

UB was unable to spring an upset of 21st-ranked Kent State on Sunday afternoon, falling to the Golden Flashes, 23-9. John Cummings, Mike Ragusa and Jimmy Hamel each picked up victories for the Bulls in the dual meet.

UB will be on the road again next weekend, traveling to Edinboro tomorrow night for a 7:30 p.m. match with the Fighting Scots.

**Swimming****MEN'S**

**St. Bonaventure 139, UB 100**

UB concluded its dual-meet season Feb. 6 with a 139-100 nonconference loss to St. Bonaventure. The Bulls finished the regular season with a 3-4 overall record.

The Bulls scored victories in five of the meet's 13 events, with sophomores Connor Vander Zalm and Michael McDowell each earning a pair of wins.

Vander Zalm swept the distance freestyle races, taking the 1,000-yard freestyle in 9:55.15, followed by a win in the 500-yard freestyle race in 4:55.35.

McDowell swept both diving competitions.

The Bulls will begin the postseason with the combined Mid-American and Sun Belt Conference championships starting Feb. 27 in Nashville.

**WOMEN'S**

**St. Bonaventure 125, UB 112**

UB fell to St. Bonaventure, 125-112, in nonconference action on Feb. 6 to conclude the regular season for both teams. With the loss, the Bulls ended the regular season with a 6-5 record.

The Bulls scored wins in six of the meet's 13 events in a contest that stayed close throughout the evening.

With the regular season complete, the Bulls now will concentrate on the postseason. The Bulls host the four-day MAC Championships starting Wednesday in Alumni Arena Natatorium.

**Indoor Track and Field**

**Bulls produce top marks at New Balance meet**

Competing against a handful of the nation's top-ranked programs, UB recorded outstanding results at the New Balance Collegiate Meet, held Friday and Saturday in New York City.

The Bulls were led by junior Fatimah Hill, who won the college division of the women's long jump with an NCAA provisional qualifying mark of 6.18m. Hill's distance also set a school record and a personal best, breaking the record she set in 2007 of 5.89m.

The Bulls next will compete Feb. 22 at the Akron Open, which will serve as the final meet prior to the MAC Championships, slated for Feb. 28-March 1.

**Tennis****MEN'S**

**UB 6, Niagara 1**  
**St. Bonaventure 4, UB 3**

After spotting visiting Niagara University the opening doubles point, UB won all six singles matches to defeat the Purple Eagles, 6-1, at the Village Glen Tennis Center on Friday.

Five of the six singles matches went three sets, with the Bulls winning the opening set in each match before the Purple Eagles rallied to tie the matches.

On Sunday, the Bulls picked up singles victories from their top three players but were unable to claim the fourth point and fell to regional rival St. Bonaventure, 4-3, at the Village Glen Tennis Center.

The Bulls will travel to Colgate for a match on Saturday.

**WOMEN'S**

**UB 6, Syracuse 1**

UB defeated visiting Syracuse University, 6-1, on Saturday afternoon at the Village Glen Tennis Center. The Bulls took the early doubles point and cruised through the singles matches. With the win, UB improves to 2-0 in its dual matches.

The Bulls will travel to Princeton for a match this weekend.



# UB Events

The Reporter publishes listings for events taking place on campus, or for off-campus events where UB groups are principal sponsors. Listings are due no later than noon on the Thursday preceding publication. Listings are only accepted through the electronic submission form for the online UB Calendar of Events at <http://www.buffalo.edu/calendar/login>. Because of space limitations, not all events in the electronic calendar will be included in the Reporter.



## Editor's Pick

### Buffalo Chips

UB's male a cappella group will present a Valentine's Day concert at 7:30 p.m. tomorrow in Lippe Concert Hall in Slee Hall, North Campus.

## Thursday, February

### 14

#### Teaching and Learning Center Workshop

Less Is More: Creating Effective Presentations. 212 Capen. 1-3 p.m. Free; registration for faculty, staff and graduate students. For more information, 645-7700, ext. 0.

#### Computing Workshop

SAS for Windows. 450 Park. 2-4 p.m. Free; registration required. For more information, [it-workshops@buffalo.edu](mailto:it-workshops@buffalo.edu).

#### Computer Science and Engineering Lecture

Solving the Halting Problems (and Other Skullduggery in the Foundations of Computing). Brian Cantwell Smith, Univ. of Toronto. 330 Student Union. 3:30-4:30 p.m. Free.

#### Seminar

Parameter Estimation in Nonlinear Models. Leonid Khinkis, Canisius College. 201 Natural Sciences. 4 p.m. Free.

#### International Student and Scholar Services Workshop

F-1 Employment Authorization: Curricular and Optional Practical Training. 31 Capen. 4-5:30 p.m. Free.

#### Biological Sciences Seminar

Celebrex-Induced Cardiac Arrhythmia and Inhibition of Delayed Rectifier Potassium Channels. Satpal Singh, Dept. of Pharmacology and Toxicology. 215 Natural Sciences. 4 p.m. Free.

#### International Women's Film Festival

"Dunia, Kiss Me Not on the Eyes." Market Arcade Film and Arts Centre, 639 Main St., Buffalo. 7 p.m. \$8.50, general; \$5, students/seniors.

## Friday

### 15

#### Teaching and Learning Center Workshop

Copyright and Higher Education: Beginning the Dialogue. 120 Clemens. 10 a.m.-noon. Free; registration for faculty, staff and graduate students. For more information, 645-7700, ext. 0.

#### International Student and Scholar Services Workshop

Our J-1 Exchange Visitor Has Arrived—What Should I Do Now? 31 Capen. Noon-1:30 p.m. Free.

#### Asian Studies Lecture

Roundtable Discussion: Outsourcing and Offshoring to Asia-Pacific: Issues, Trends and Management. Rajiv Kishore, School of Management. 280 Park. Noon-1 p.m. Free.

#### Computing Workshop

Intermediate PowerPoint 2007: Slide Masters and

Transitions. 142 Park. 2-4 p.m. Free; registration required. For more information, [it-workshops@buffalo.edu](mailto:it-workshops@buffalo.edu).

#### International Student and Scholar Services Workshop

Academic Presentations 101. 120 Clemens. 3-4:30 p.m. Free.

#### Foster Chemistry Colloquium

Sweet Entanglement: Multivalent Binding to Sugar-Coated gp120 Is Crucial for the Anti-HIV Activity of Cyanovirin. Giovanna Ghirlanda, Arizona State Univ. 200G Baldy. 4 p.m. Free.

#### Evolution, Ecology and Behavior Seminar

Strange Bedfellows: Male Tibetan Monkeys Cooperate to Compete. Carol Berman, Dept. of Anthropology. 115 Talbert. 4 p.m. Free.

#### Concert

Jann Arden. Mainstage, Center for the Arts. 8 p.m. \$25, \$20.

#### Student Recital

Junior Recital. Erin Waite, flute. Baird Recital Hall, 250 Baird. 8 p.m. Free.

## Saturday

### 16

#### International Student and Scholar Services Workshop

AAA Driver Improvement Course. 120 Clemens. 9 a.m.-3:30 p.m. Free.

#### Accounting Services

Free Tax Preparation. 109 Allen. 10 a.m.-5 p.m. Free. For more information, 829-3099.

#### Sports Clinic

Girls Multisports Clinic. Triple Gym, Alumni Arena. Noon. For more information, 645-3142.

#### Celebration

National Girls and Women in Sports Day. Anita L. DeFrantz. Lippe Concert Hall, Slee. 3:30 p.m. Free.

#### Women's Basketball

UB vs. Central Michigan. Alumni Arena. 5 p.m. \$20; \$18; \$16; UB undergraduates free with ID. For more information, 645-6666.

#### Men's Basketball

UB vs. Miami (OH). Alumni Arena. 7 p.m. \$20; \$18; \$16; UB undergraduates free with ID. For more information, 645-6666.

#### Student Recital

Junior Recital. Rebecca Sheppard, soprano, and Kofi Hayford, bass-baritone. Baird Recital Hall, 250 Baird. 8 p.m. Free.

## Sunday

### 17

#### Accounting Services

Free Tax Preparation. 109

## Monday

### 18

#### Library Instruction

Introduction to Health Sciences Research: New Interfaces in 2008. Media Instruction Room, Health Sciences Library. 10-11 a.m. Free; registration recommended. For more information, 829-3900, ext. 112.

#### Teaching and Learning Center Workshop

PowerPoint and YouTube. 21 Capen. 2-3:30 p.m. Free; registration for faculty, staff and graduate students. For more information, 645-7700, ext. 0.

## Tuesday

### 19

#### Learning and Development Course

Intermediate Excel 2007/Intermediate Word 2007. 320 Crofts. 9 a.m.-noon and 1-4 p.m. 320 Crofts. \$89 for two half-day sessions. For more information, 645-7777.

#### Biochemistry Seminar

Irf6: Influencing Morphology Through Epithelial Differentiation. Brian Schutte, Univ. of Iowa. 144 Farber. 4-5 p.m. Free.

#### Library Instruction

LIB 133: Linguistics and Language Teaching and Learning. Jean Dickson, Arts & Sciences Libraries. 109 Lockwood. 4-5 p.m. Free; registration recommended. For more information, [dickson@buffalo.edu](mailto:dickson@buffalo.edu).

#### International Student and Scholar Services Workshop

Income Tax Workshop. Barbara Dawkins, IRS, and Suzanne Reusch, NYS Dept. of Taxation and Finance. 112 Norton. 5-7 p.m. Free.

#### Buffalo Film Seminar

"The 400 Blows." Market Arcade Film and Arts Centre, 639 Main St., Buffalo. 7 p.m. \$8.50, general; \$6.50, students; \$6, seniors.

#### WBFO's Meet the Author

Garrett Graff. Student Union Theater. 7-8:30 p.m. Free. For more information, 829-6000, ext. 538.

## Wednesday

### 20

#### Library Instruction

Pubmed Basics. Media Instruction Room, Health Sciences Library. 10:30-11:30 a.m. Free; registration recommended. For more information, 829-3900, ext. 112.

American Character? David Schmid, Dept. of English. Special Collections Research Room, 420 Capen. 4 p.m. Free.

#### Architecture and Planning Lecture Series

Architecture Lecture. Rahul Mehrotra, Rahul Mehrotra Associates, Bombay, India. 301 Crosby. 5:30 p.m. Free.

#### Jewish Studies Lecture

America, Judaism and Education: Thinking About the Institute for Jewish Thought, Heritage and Culture. Richard Cohen, Univ. of North Carolina-Charlotte. Center for Tomorrow. 7-9 p.m. Free.

#### Town Hall Meeting

UB Green Climate Action Report. Unitarian-Universalist Church, 695 Elmwood Ave., Buffalo. 7-8:30 p.m. Free.

## Thursday

### 21

#### Learning and Development Course

Creating Online Forms With Adobe Acrobat. 320 Crofts. 9 a.m.-noon. \$45. For more information, 645-7777.

#### Teaching and Learning Center Workshop

Successful Models of Minority Graduate Student Recruitment. Jeannette Martin Room, 567 Capen. 1-2:30 p.m. Free; registration for faculty, staff and graduate students. For more information, 645-7700, ext. 0.

#### Library Instruction

Introduction to Drug Resources. Media Instruction Room, Health Sciences Library. 1-2 p.m. Free; registration recommended. For more information, 829-3900, ext. 112.

#### Learning and Development Course

Excel 2007 New Features. 320 Crofts. 1-4 p.m. \$45. For more information, 645-7777.

#### New Frontiers in Science and Technology Seminar Series

Marine Biotechnology: Successes and Potential. Rita Colwell, Univ. of Maryland-College Park and Johns Hopkins Univ. 215 Natural Sciences. 4 p.m. Free.

#### Seminar

Antibody Mediated Drug Targeting for the Treatment of Colorectal Cancer. Shweta Urva, Dept. of Pharmaceutical Sciences. 201 Natural Sciences. 4 p.m. Free.

#### International Women's Film Festival

"Amu." Market Arcade Film and Arts Centre, 639 Main St., Buffalo. 7 p.m. \$8.50, general; \$5, students/seniors.

This week on

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IN TUNE WITH YOUR MIND

**Saturday, Feb. 16, 11 a.m.**  
THE BLUES, with Jim Santella  
Featured artist: Charlie Mus-selwhite

**Saturday, Feb. 16, 8 p.m.**  
THISTLE & SHAMROCK, with Fiona Ritchie and local host Bill Raffle  
Featured artist: Dervish

**Wednesday, Feb. 20, 8 p.m.**  
LIVE IN ALLEN HALL, with Bert Gambini  
Live broadcast-concert featuring local musicians. Featured band: John and Mary and the Valkyries. The concert in Allen Hall, South Campus, is free and open to the public.