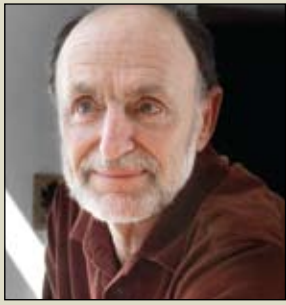


PROFILE

Growing up, Uriel Kitron was fascinated by bugs, maps and world explorers. **Page 2**



FIRST PERSON

Carol Gee salutes strong women during Women's History Month. **Page 7**



PEOPLE: Julie Hale's electrifying tale **3**

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DISCOVERY: Motorcycles and math **6**

FORUM: Iraq War observances **7**

Special "News you Can Use" Insert

Lights, camera, action



KAY HINTON

Eddy Von Mueller, a lecturer in film studies, leads Emory's first-ever narrative filmmaking class in critiquing a student film shot "old school" on Super 8mm.

Film studies adds an action track to classes in theory, history and criticism

By PAIGE PARVIN

Senior Susan Talbot leans slightly forward in her seat as the lights in the classroom dim and Eddy Von Mueller, a lecturer in the Department of Film Studies, begins to play a film clip on the screen at the front of the room.

As a film studies minor, Talbot is well accustomed to watching movies and clips in class, but this time is different. Mueller is showing her movie, her first at-

tempt at narrative filmmaking, created in the first course on the subject ever offered at Emory.

Talbot's three-minute movie, "Boy Meets Girl Meets Boy," is a single take, shot on Super 8mm film. The assignment was to make a short movie with "no cuts and no sound," Mueller explained. "It's very old school. Video has really spoiled these students. This way they don't know if they have an image until it comes back from the lab. I think they found

it infuriating and frustrating—and fun."

Although Emory has offered a film studies major since 1987, and a master's program and Ph.D. certificate since 1992, the focus has been on film theory, history and criticism rather than production. Senior lecturer Bill Brown has taught documentary

Please see **FILM STUDIES** on page 6

Archive enhances civil rights research

By ELAINE JUSTICE

Woodruff Library's Jones Room was packed, media and guests were in place, and smiles were all around when Provost Earl Lewis stepped to the mike March 6 to announce that the Southern Christian Leadership Conference had placed its archive at Emory.

"Included in this archive are materials that document some of the most significant moments and elements of the country's civil rights history," said Lewis. He and SCLC President and CEO Charles Steele gave brief remarks, then took questions from reporters.

The SCLC was co-founded in New Orleans in 1957 by Martin Luther King Jr. and other African American leaders from across the South with the purpose of advancing the cause of racial equality.

"These materials comprise a bold and sweeping, yet personal and moving, window on a period in the history of this nation and the world," said Lewis.

The SCLC archive, some 1,100 boxes, now becomes the University's second largest, surpassed only by the Sam Nunn congressional archive. Most of the materials date from 1968 to 1977, during the terms of the two longest-serving SCLC presidents, Ralph David Abernathy and Joseph Lowery.

"It would be easy for us to allow the many, many boxes of history we have to remain stacked away somewhere in a closet," said Steele. "But that would not be consistent with the vision of Rev. Abernathy,

Please see **ARCHIVE** on page 4

Scholarship goes online with electronic theses program

By LEA McLEES

Emory is tapping into a national trend that has been gaining momentum among top research universities with the creation of a university-wide repository of student research. Beginning in fall 2008, all graduate students will submit

their doctoral dissertations and master's theses in electronic form for the University's Electronic Theses and Dissertations (ETD) database. Undergraduates completing honors theses will contribute to the online, searchable repository beginning in 2009.

"Theses and dissertations are among the most important

intellectual works of the University. Sharing them can raise the profile of the University in the United States and abroad," says Lisa Tedesco, dean of the Graduate School. "Putting our scholarship online is a strategic way to maximize and extend Emory's reputation for producing leading-edge research."

The campus benefits from ETD in numerous other ways. Many students will find their work online just a few weeks after they leave the Emory campus as graduates.

Through ETD, they will find it easier to include audio, video, computer animation, data sets and other materials with their

submissions.

From the Graduate School's perspective, processing theses and dissertations will become more efficient since the new submission system provides automated management tools for

Please see **ETD** on page 5

NEW ONLINE AT EMORY.EDU

www.rdi.emory.edu

The Race and Difference Initiative of the University's strategic plan now has an online presence.

Find events, resources and information related to the initiative's emphasis on diversity and connection across various forms of "difference" — including race, ethnicity, nationality, sexuality and gender.

The site contains information about the mandate and scope of RDI, the activities and plans of its 11 constituent programs, its six faculty line positions, and the RDI faculty leadership team and committee structure.

CORRECTION

A photo caption in the March 3 issue of Emory Report incorrectly identified Kimberly Wallace-Sanders' title. Wallace-Sanders is an associate professor in the Graduate Institute of Liberal Arts and women's studies. ER regrets the error.

ABOUT US

Emory Report serves as an informative, lively and comprehensive resource for news and events of vital interest to staff and faculty. The weekly publication highlights the Emory community's accomplishments, endeavors and aspirations that reflect the University's identity and strategic vision.

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EMORY PROFILE: Uriel Kitron



Uriel Kitron, chair of Environmental Studies, helps communities zero in on disease spreaders and develop preventions.

BRYAN MELTZ

Putting bugs on the map

Professor tracks 'assassins,' traps skunks

By CAROL CLARK

Growing up in Jerusalem, Uriel Kitron was fascinated by bugs, maps and world explorers. He has managed to combine all three interests in his academic career. As a specialist in spatial epidemiology, Kitron uses geographic information systems (GIS) to create maps that pinpoint disease agents and their vectors, including insects, ticks, bats and other creatures.

"My father worked in the Israeli justice department, but I didn't want to be a suit and tie guy," says Kitron, who joined Emory in January as professor and chair of the Department of Environmental Studies.

He never needs to pack Armani for his global fieldwork, which involves everything from catching birds in mist nets to tracking the dreaded assassin bug. He even has to trap the occasional skunk.

"It helps if you put a piece of cloth over the cage," Kitron advises anyone involved in skunk removal. "When it's dark, a skunk usually will not spray you." He adds that you should work in a group, just in case. "If it happens to everybody, you don't notice it as much. It's like eating garlic."

Kitron comes to Emory from the University of Illinois, where he was co-director of the Center for Zoonoses Research. His ongoing projects include studies of Lyme disease and West Nile virus in the U.S.; malaria and schistosomiasis in Kenya; malaria and filariasis in Papua, New Guinea; dengue fever in Peru; and Chagas disease in Argentina.

"I'm especially interested in learning why we have a disease here and now and not there and then," he says, summing up the ecological approach to his work.

Chagas disease, for instance, is caused by a parasite transmitted to humans and other animals

mainly by the blood-sucking assassin bug, which lives in the thatched-roofed homes of some indigenous communities.

On his computer, Kitron demonstrates how his research team solved the mystery of why Chagas disease returned to a remote village in northern Argentina, after a bug-spraying program had eliminated it. The researchers used GIS technology to combine satellite photos of the village with other data and developed a multi-layered picture, including every livestock corral and house, along with the number and location of people and animals.

"In a way, we mapped every dog, every pig — every bug, even," Kitron says.

Through the database, they could trace the return of the disease through the village and pinpoint the origin of the "super spreaders" — a pig corral. Further investigation determined that after the homes were sprayed, some

of the bugs retreated to the corral where they managed to survive and regroup.

The researchers developed new parameters for bug-spraying campaigns by the local health authorities, to include animal corrals as well as homes and extend one-half kilometer around the village. "Our goal is to come up with disease intervention strategies that make the best use of limited resources," Kitron explains.

A key part of his work is forming good relationships with the communities where he works, he adds. That means understanding the culture and helping people improve their lives in ways that fit their financial means and belief systems.

"I feel that there is a big gap in disease study, in terms of the medical and natural sciences and the social sciences," he says. "We really need to develop more interdisciplinary approaches."

Turman honoree to donate award

By ERIC RANGUS

The J. Pollard Turman Alumni Service Award honors Emory graduates who give back to their alma mater through service. On March 7 in the Miller-Ward Alumni House, it was the Emory Alumni Association that gave back in presenting the 2008 Turman Award to Phil Reese '66C-'76MBA-'76L.

When accepting the award,

Reese said his relationship with Emory had come full circle — from student to alumnus to honoree. During his alumni years, Reese has contributed leadership, advising, mentoring and more, across the Emory enterprise. As a graduate student, Reese worked to help create Emory's JD/MBA program, from which he was the first graduate.

President Jim Wagner, in

presenting the award, noted that Reese's core reason for engagement with Emory was that the University gave Reese a chance when it didn't have to.

"It's as simple as that," Wagner said. "Emory gave him an opportunity to excel. He did. And he has never forgotten. And Phil Reese's long memory and deep gratitude are still being felt across our University more than 40 years after he first

stepped onto our campus, and it will continue to be felt long into the future."

Reese intends to donate his \$25,000 award (along with a match) to Goizueta Business School to support its leadership sailing program. The Turman Award, Emory's highest alumni award for service has been presented annually by the EAA since 1998.

Casting mushrooms in a new light



Linda Armstrong's mushroom molds were cast in bronze, "making them timeless," said the director of the Visual Arts Program.

LISA ALEMBIK

By MARY CATHERINE JOHNSON

When Linda Armstrong is not teaching classes or working on an exhibition in her sculpture studio in Grant Park, the director of the Emory Visual Arts Program may be found hiking through the woods with the Mushroom Club of Georgia, clutching a well-worn copy of the Audubon Society's "Field Guide to North American Mushrooms." Some of what the club members find on their excursions becomes an evening's dinner; Armstrong uses her findings in art exhibitions.

Armstrong's exhibition, "Collecting Excursions," is a culmination of many years of environmental research and experimentation within Georgia, as well as an exploration of tree

bark and mushroom specimens she collected while participating in a residency at the Caversham Centre for Artists and Writers in South Africa.

"Transporting foreign bark and mushrooms back to the United States can be tricky," she says. "I sometimes feel like an artist outlaw."

In addition to the specimens from South Africa, the exhibition includes a dead tree that Armstrong found in Grant Park: "The tree was a victim of Atlanta's recent drought, but through bandages and a symbolic healing ritual, I will give gallery visitors the opportunity to experience a revitalized tree in a way they have never seen before."

"Collecting Excursions" is

Armstrong's first exploration of bronze casting. She created molds of mushrooms she collected, and then handed them over to a master caster and mold builder in Utah to capture the delicate nuances and patterns of the original molds. This process is very expensive, particularly for the bronze itself, and she says she would not have been able to do it without the support of a University Research Council grant this year.

"The results are temporary mushroom blooms solidified in bronze, making them timeless," she explains. "I am thrilled with how they turned out, and am extremely grateful to the URC for facilitating this unique form of research."

On view

"Collecting Excursions," an installation by Linda Armstrong, director of the Visual Arts Program, will be on view in the Emory Visual Arts Gallery from March 20 through April 24, with an opening reception on Thursday, March 20 from 5:30 to 7:30 p.m. There will be a special Earth Day reception for Emory Friends of Visual Arts on April 22 at 7 p.m., featuring an artist talk and music by Klimchak.

For more information, visit www.visualarts.emory.edu.

ACCLAIM

Peggy Barlett, anthropology professor, and Laurie Patton, religion professor, have been selected as two of Atlanta's Most Innovative Minds. The award comes from Inspiring Futures, organizer of the annual Bioneers Southeast Forum.



Barlett and Patton were among 12 chosen from a list of 130 nominees for finding "new ways to address old problems, by recognizing the interconnections between a broad array of social, spiritual, and environmental problems," according to Inspiring Futures.



Joyce Kirkland Essien is a recipient of this year's Pride in the Profession Awards from the American Medical Association Foundation. The award is given to domestic physicians who aid underserved populations in the U.S.

The AMA Foundation will present the award in association with the Pfizer Medial Humanities Initiative at a March 31 ceremony preceding the AMA National Advocacy Conference in Washington, D.C.

Essien is director of the Center for Public Health Practice at the Rollins School of Public Health.



Justin Gallivan, assistant professor of chemistry, has been named an Alfred P. Sloan Research Fellow.

The Sloan Foundation awards grants to outstanding young scientists, mathematicians and economists in the U.S. and Canada conducting research at the frontiers of physics, chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics and neuroscience.

"We will use the award to continue our research in the area of synthetic biology, where we are trying to program cells to display complex behaviors, such as seeking and destroying environmental pollutants," Gallivan said.



Julie Hale: Electrician comes full circuit

By CAROL CLARK

Julie Hale dropped out of college after her first semester to "take a break." She never dreamed that break would last more than 20 years. Now project manager for engineering services in Emory's Facilities Management, Hale is also on the verge of getting her college degree. You could say she took a circuitous route.

She was one of the first women to become an apprentice in the Atlanta chapter of the International Brotherhood of Electrical Workers (IBEW), during the late 1970s. Apprentices did the grunt work at the electrical contracting firm where she trained, including toting bundles of rigid electrical conduit that weighed 100 pounds. Hale weighed 115 at the time, and some of her male colleagues told her she would never suc-

ceed because she was too small. One day they gave her the task of bending a 1.5-inch diameter piece of metal piping by hand. They gathered around to watch as she attempted the task.

Only later did Hale learn it was a trick: hydraulic benders were usually brought in for piping that thick. "I still run into guys I used to work with who tell me that was the funniest day they ever had on the job," Hale says.

Hale stuck with the rigorous apprenticeship, despite the harassment. She even had energy left over to moonlight as a professional belly dancer at the High Museum and cultural events, wowing audiences with her skill at balancing five swords.

"I'm fascinated by Middle Eastern culture, and dancing gave me so much comfort," she says, adding that she kept her

sideline a secret from her electrical worker colleagues during her apprenticeship. "They would have jumped to the wrong conclusion," she says, laughing.

After earning her masters license and "graduating" as a member of the IBEW,

Hale ran her own electrical business. She then worked as an electrical inspector for the city of Atlanta, dancing with fire and swords in the evenings at Imperial Fez restaurant, before joining Emory.

During her 12 years here, she's become a true "insider," exploring and mapping electrical circuitry and elevator mechanical rooms throughout the campus. She currently heads up maintenance of all of Emory's elevators, emergency generators, fire alarms and sprinkler systems.

Hale has retired from performance belly dancing, but retains

her love for Middle Eastern culture. About a decade ago, she began taking classes at Emory College as a special student, eventually focusing on Arabic language. "After 9/11, it was a very peaceful thing to do in the face of a lot of pain and fear," she says. "I felt I was doing something for the world."

Hale is now just a few credits shy of an undergraduate degree in Middle Eastern Studies and is already using what she's learned to spark new connections between people, most notably during a recent "Journeys" trip of Emory students, staff and faculty to the Middle East.

"The Arabic-speaking people that I met were so touched and happy that I'm learning their language," she says. "In my own small way, I can be an ambassador of peace."

"Acclaim" recognizes the accomplishments of faculty and staff. Listings may include awards and prizes; election to boards and societies; and similarly notable accomplishments at Emory or in the wider community. Emory Report relies on submissions for this column. Contact: ltking@emory.edu.

TAKE NOTE

Sharpen computer security know-how

How to protect yourself from e-mails from criminals trying to steal personal information or infect and take over computers is the topic of this year's Information Security Awareness Mini-Conference.

"Protecting Your Emory Information Resources" provides information on these security threats, the University's information security programs and safeguards, and responsible protective computing practices.

The three-session conference will be March 26 from 8:30 a.m. to 1:30 p.m., in the 3rd Floor Ballroom at Cox Hall.

There are no fees, but registration is required. To register online: http://it.emory.edu/security_conference.

Run for Grady, indigent health care

The services of Grady Memorial Hospital and indigent care outlets will be the beneficiaries of the Physician Assistant's Care to Share 5K Fun Run on April 12.

The Physician Assistant Class of 2009 hosts this 7th annual event at Lullwater Preserve, beginning at 9 a.m. A kids' one-mile run will begin at 10 a.m.

The cost is \$20 in advance for adults, \$25 the day of race; \$12 for kids.

For pre-registration and to make donations, visit www.active.com/page/Event_Details.htm?event_id=1532829.

Atlanta goes dark for Earth Hour

Atlanta's skyline will darken March 29 from 8 to 9 p.m. as it participates in Earth Hour — along with Chicago, Phoenix and San Francisco — prompting major buildings to turn off lights to support energy conservation. Emory and the nearby community are encouraged to participate by turning off all non-essential lights during that hour.

To help participate in the lights-out event and reduce primary greenhouse gases, turn off your work lights before leaving on March 28.

PCSW award honors mentors

The President's Commission on the Status of Women pays tribute to the mentoring process with an award to both parties in a mentoring relationship.

Nominate two people in any combination of a mentoring relationship by March 17. At least one of the pair must be female.

A 1000-word or less written description of the nature and history of the relationship and how it contributed to both members' leadership development and personal growth, plus leadership activities or accomplishments, should be sent to Marianne Celano at mcelano@emory.edu.

COVER STORY

ARCHIVE: Preserving SCLC's story



Provost Earl Lewis and Southern Christian Leadership Conference CEO Charles Steele (right) look over the civil rights organization's documents that will now be housed at MARBL.

ANN BORDEN

Continued from the cover

Dr. Lowery and other SCLC leaders who guided this organization through one of its most challenging periods of activism.

Thanks to efforts of the Atlanta History Center, the archive is in excellent shape, said Steele. But what touched him about the need

for preserving the SCLC archive, he said, is that without proper preservation, some of the materials were in danger of fading away.

"We fell down on the job in telling our story," he said. "Around the world, people are asking: Teach us the alternative to violence. We changed the world and we never

fired a shot." The SCLC's history as a nonviolent social movement for human rights needs to be preserved and told, said Steele.

When will the archive be available to scholars and the public? The process could take as long as a year, but every effort is being made to make the material available to scholars and students as

"Included in this archive are materials that document some of the most significant moments and elements of the country's civil rights history."

— Provost Earl Lewis

quickly as possible, said Lewis.

The provost, a social historian, pointed out that some 50 to 60 years after the height of the civil rights movement, "we're realizing that a generation of individuals who were so key to changing the tone and texture of America are themselves dying." Preserving those moments, documenting that past, said Lewis, is critical.

Lewis noted that the archive comes to Emory at a pivotal time and will serve as an invaluable resource for the University's initiatives on race and difference, such as the James Weldon Johnson Institute and the Vulnerability Program of the Feminism and Legal Theory Project.

Perhaps the greatest impact of the SCLC archives, said Lewis, will be on the classroom and on individual students, "who will help write part of the next chapters of race relations in the United States."

Scholars compare religious extremism

By KIM URQUHART

Is suicide bombing an unqualified evil? Like many questions posed at the conference "Wrathful God: Religious Extremism in a Comparative Perspective," this one by keynote speaker Bruce Lawrence of Duke University "opens up a Pandora's box of alternative perspectives and new queries," Lawrence said.

The March 3 and 4 forum brought together top religion scholars from around the world to engage in what Emory College Dean Bobby Paul called a "puzzling, perplexing and crucial topic."

During two days of intensive discussions, participants examined extremist discourses in world religions and the factors that contribute to the related development of extremist worldviews, exploring subjects as diverse as the jihadi networks of cyber-authority to the biblical roots of martyrdom.

"It's important to remember that extremism is found in all religious traditions," said Asa Griggs Candler Professor of Middle East and Islamic Studies Vincent Cornell, and to note that extremism doesn't equal violence.

The scholars, selected for their ability to think outside of the box in formulating new paradigms of analysis and comparison, in panel discussions explored religious extremism according to their own perspective. Their collective expertise will be compiled in an edited volume based on the conference papers and findings. The best student work from a graduate seminar taught by Cornell in conjunction with the conference also will be included in the volume.

"What we are seeing out of this conference is not the end of something, but the beginning of an understanding of the very complex set of phenomena that mix religion, culture, ideology all together in really very tangled ways," said Gordon Newby, chair of the Department of Middle Eastern and South Asian Studies (MESAS).

Initiated by the Institute for Comparative and International Studies and co-sponsored by Emory's Religion, Conflict and Peacebuilding Initiative, Candler School of Theology, MESAS and other units within Emory College, the public conference represented a "strong example of intellectual unity and synergy," said Paul.

Sage Hill graduate complex taking shape



The graduate student housing complex will have an Earth-Craft certification. Rendering subject to change.

SPECIAL

By DAVID PAYNE

Site preparations are under way for the new graduate student housing complex on Briarcliff Road near the Sage Hill Shopping Center, being built in partnership with Campus Apartments Inc. The development will be built on land that previously housed an apartment complex, a condominium complex and an empty lot. Campus Apartments Inc. will construct and manage the facility.

The complex is projected to be complete in August 2009, with

current plans for 210 units to house approximately 400 graduate students. Students will be served by a new Cliff stop and sidewalk improvements will be made to improve pedestrian connections to the shopping center and to Emory's campus.

The development will comply with all of the University's applicable tree-loss policies and Campus Apartments Inc. has committed to achieving a "green" residential EarthCraft certification for the facility.

REPORT FROM: Office of International Affairs

Cartooning: Front row at Kenya conflict

Although the violence and conflict that erupted from December's disputed elections in Kenya garnered international interest, East and Central Africa's most syndicated cartoonist, Godfrey Mwampembwa (Gado), has been living in conflict since his career began.

"Editorial cartooning is a confrontation art, so a cartoonist is always in conflict with either the authorities or the society at large," said Gado during the public lecture "Cartooning in Conflict: Can Cartoons Help Bring Peace to the Political Crisis in Kenya" in February.

Sponsored by The Claus M. Halle Institute for Global Learning, Gado's visit was a continuation of the "Cartooning for Peace" forum held at Emory in November. That week-long event featured

10 acclaimed cartoonists from around the world for a series of public panels, class visits and public lectures. More than 100 of their cartoons, including 17 from Gado, were on display at the Schatzen Gallery.

Born in Tanzania, Gado works as a freelance cartoonist in Nairobi, Kenya. Although his work explores a wide range of topics from corruption and terrorism to deforestation and HIV/AIDS, his most recent cartoons offer commentary on the characters and issues surrounding the presidential elections.

During times of conflict, said Gado, it is critical that a cartoonist carefully examine the issues at hand before drawing a cartoon.

"As much as cartoonists want to arro-

gantly give their opinion, it is always a situation where you really have to weigh the issues, and consider to what extent do you consider them," he noted. "[Cartooning] is not only a conflict of interest, but a conflict of my very existence."

During his visit, Gado attended classes hosted by Emory professors where he spoke about his career as an editorial cartoonist, the political situation in East Africa, censorship, where to draw the line, and more.

A regular contributor to the Daily Nation, New African, Courier International, Business Day and Sunday Tribune, his work has also been published in Le Monde, Washington Times, Der Standard and Japan Times.

Gado joined the Ardhi Institute in

Tanzania to study architecture in 1991, but left one year later to become the editorial cartoonist and illustrator of Nation Media Group, the largest media house in East and Central Africa. Gado has also published three books: "Abunuwasi," a short story comic book and "Democracy!" and "The End of An Error, and the Beginning of a New One!," both collections of his editorial cartoons.

The brainchild of Le Monde's editorial cartoonist Plantu, "Cartooning for Peace" was first held at the United Nations headquarters in New York in 2006.

Alma Freeman is communications specialist for the Office of International Studies.

ETD: Multimedia options, easier tracking, more access

Continued from the cover

academic tracking.

In the libraries, ETD will free shelf space for storing other materials that are not available digitally, says Rick Luce, vice provost and director of libraries.

"The ETD will be the University's copy of record of student research, and will be carefully preserved by the libraries," Luce says. "This will make theses and dissertations more easily accessible, allowing researchers broader and more timely access to Emory scholarship."

Submitting research for inclusion in ETD is easy, says Paul O'Grady, project manager for the ETD program.

"Students will simply submit their work as a PDF file, along with some basic information about their research," he says. "This information will be displayed in the ETD repository, and also transmitted to Proquest/UMI for their database."

O'Grady and other colleagues from the libraries will be holding information and training sessions throughout spring semester and again during fall to prepare students to submit their work, and to introduce staff to the new procedures. Sessions for students will include training on copyright, trademark and publishing

Log on

Visit the ETD repository at <https://etd.library.emory.edu/> to learn more.

issues in the digital age.

The Graduate School offers students choices on access restriction. Basic information on all theses and dissertations will be listed in the ETD index. However, access to full text can be set for immediate release or withheld for one, two or six years following graduation. Research on which patents are pending will be kept out of the repository until the necessary filings are completed.

In 2006, the Graduate School and the libraries teamed up to develop the ETD program and related software, with input from faculty members, librarians, administrators and graduate students. A pilot program began in March 2007 among doctoral students from anthropology, art history, chemistry and epidemiology, with favorable results. The ETD repository is currently home to 30 theses and dissertations, 14 of which are available in full-text form.

Bike Share offers free ride

Need to borrow a bike – for free? The first two Bike Emory Bike Share locations are now open near the security office at the Peavine Parking Deck and in the Plaza 1000 lobby of the 1762 Clifton Road building. More locations are opening soon. To learn more, visit bike.emory.edu.



SPECIAL

University garners top scores on surveys

Emory is in the top 10 on three different rankings for quality of life in education

For postdoctoral

In The Scientist magazine's "Best Places to Work for Postdocs" 2008 survey, the University was cited for its strong training and mentoring programs, rating it as the second best academic institution nationally and the 17th best institution overall.

Emory was one of only two academic institutions in the top 20 in the survey, which is published in the March issue.

After receiving their postdoctoral degrees, many life sciences graduates

often launch their research careers by working for several years as postdoctoral fellows in the laboratories of established scientists.

There are approximately 600 postdoctoral fellows at Emory in laboratories in the School of Medicine, Yerkes National Primate Research Center, Rollins School of Public Health and the Nell Hodgson Woodruff School of Nursing and also Emory College and the Graduate School.

Goizueta's undergraduate program

BusinessWeek's third annual ranking of undergraduate business programs puts Goizueta Business School's program at number 5. It is one of only three to be ranked in the top five all three years of the survey.

BusinessWeek uses three components to measure the programs: student surveys, recruiter feedback and academics based in part on SAT scores, faculty/student ratio and placement results.

Goizueta's program earned particularly high marks in the student survey

and in measures of academic quality.

"Much praise goes to our dedicated faculty and staff and, of course, to our outstanding and high-energy student body, for building one of the world's finest undergraduate business programs," Dean Larry Benveniste said.

"As we strive to enhance the Goizueta BBA experience, we hope this continued external recognition will augment the range of opportunities available to us," said Andrea Hershatter, associate dean and director of the undergraduate business program.

Best value in higher education

Kiplinger's Personal Finance magazine ranks Emory ninth among 100 best values in private universities.

"Our exclusive rankings showcase a range of schools with strong academics, generous financial-aid policies," the magazine said about its annual private school rankings, which will be in the April issue.

Emory was selected from a pool of more than 1,000 private institutions and ranked according to academic quality, which accounted for two-thirds

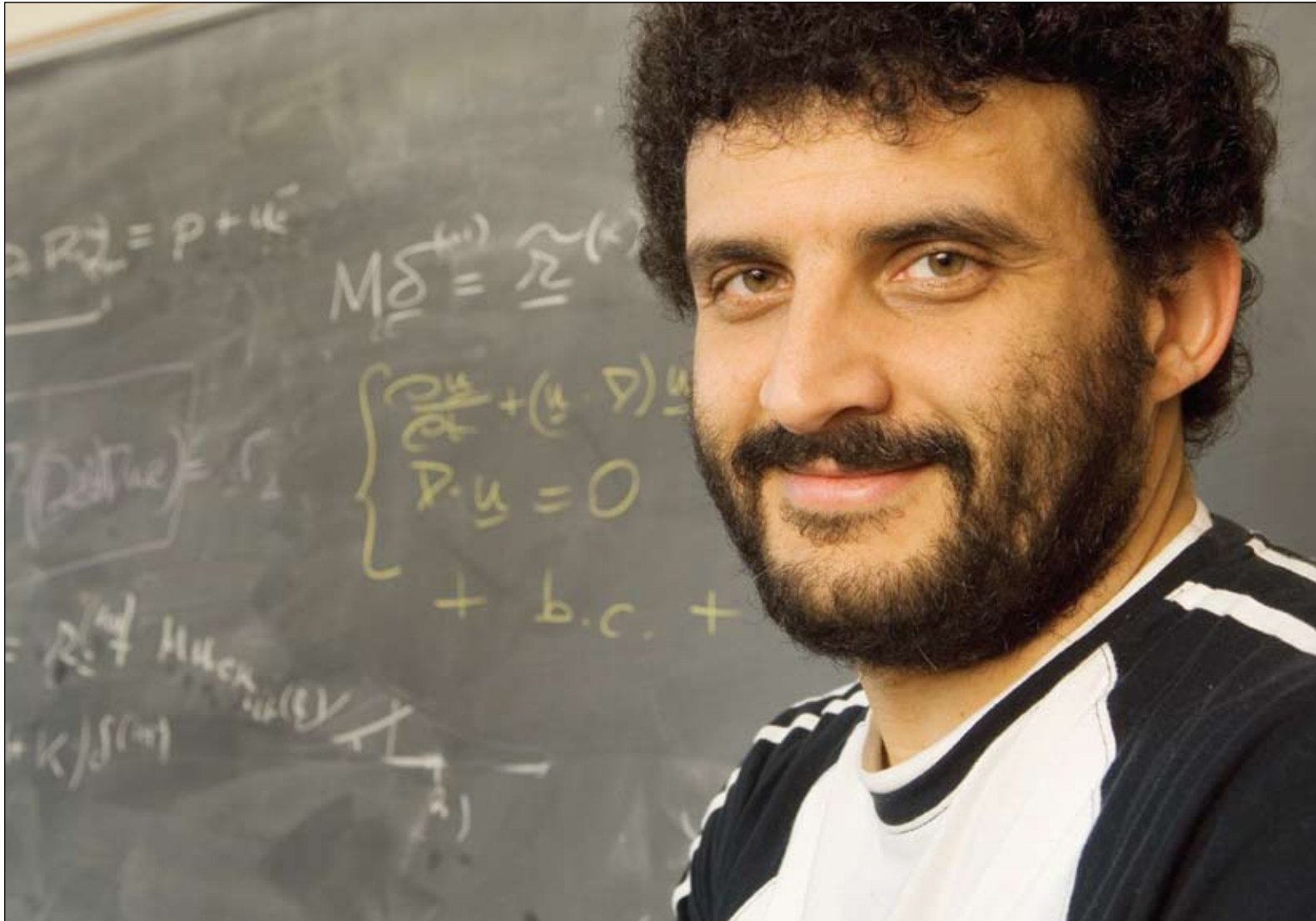
of the total score, and affordability.

Emory was one of the first schools in the nation to announce generous tuition breaks when Emory Advantage was launched in January 2007.

The program reduces debt for families with annual incomes of \$100,000 or less that demonstrate a need for financial aid. Grants instead of loans are available for families with assessed incomes of \$50,000 or less and a \$15,000 loan cap is set for families with incomes of up to \$100,000.

— Leslie King

Pumping new life into math



"Even mathematics has a heart," says Alessandro Veneziani, an assistant professor of mathematics and computational sciences who solves human blood flow problems.

KAY HINTON

By CAROL CLARK

If you think math is boring, you haven't met Alessandro Veneziani. "I love to prove abstract theorems," he says, in the buoyant accent of his native Italy. "And I love even more when my results are used to help people."

The assistant professor of mathematics and computational

sciences came to Atlanta last fall from the Politecnico di Milano, bringing his knowledge and passion for solving human blood flow problems to Emory.

He sketches a heart amid the equations on his office blackboard, to explain how his research helped improve the odds for babies with a defect known as left-ventricle hypoplasia.

Through computer simulation, surgeons can now predict the optimal size and placement of the artificial aorta needed to keep a newborn alive while awaiting a heart transplant.

"That makes me so happy," Veneziani says, beaming. "Even mathematics has a heart."

Engineers from Ducati, the high-performance motorcycle

maker with wealthy patrons like Tom Cruise, asked Veneziani to apply this same expertise to simulate engine air-flow systems. He invited one of his top graduate students to tackle the task. "He was so happy when he found out it was for Ducati that he started crying," Veneziani says.

Veneziani hopes such examples will inspire his Emory under-

graduate students. "Math is like music," he says. "It's difficult to play an instrument at a high level, you have to study and practice a lot. But if you learn linear algebra today, then maybe someday you can help a baby survive — or Tom Cruise buy a better motorcycle."

The science of cardiovascular mathematics dates at least to the 1700s, when the pioneering Swiss mathematician Leonhard Euler developed a model for fluid dynamics while studying blood flow in arteries.

"The love between math and medicine goes back a long time," Veneziani says. But it was not until the past decade or so, he adds, that advances in computing and diagnostic imaging put fluid dynamics at the cutting edge of medicine.

Emory offers Veneziani an opportunity to expand his cardiovascular math research, drawing from the resources of the School of Medicine and a math department already involved in biomedicine. "My dream is that numerical simulation will become part of the daily routine of medical doctors," he says.

He is currently focused on complex equations involving brain aneurysms — tears in blood vessels that create balloon-like bulges — to predict their likelihood of rupture. The resulting data could help doctors determine whether to operate on a patient, or forego the risky brain surgery and simply monitor the aneurysm.

"People think I'm crazy when I tell them that equations are beautiful, but I see the underlying structure, and the potential benefits," Veneziani says. "The harder the problem, the more exciting it is for me to work on it."

Study links chimp and human brain areas

By EMILY RIOS

Researchers at the Yerkes National Primate Research Center have found the area in the chimpanzee brain involved in the production of chimp manual gestures and vocalizations is similar to what is known as Broca's area in the human brain. The study is the first to directly link chimpanzee and human brain areas associated with communicative behaviors, suggesting chimpanzee communication is not only more complicated than previously thought, but also that the neurobiological foundations of human language may have been present in the common ancestor of modern humans and chimpanzees.

Human functional imaging studies have shown significant patterns of activity in the Broca's area during language-related tasks. For the study, researchers used positron emission tomogra-

"One interpretation of our finding is that chimpanzees have, in essence, a language-ready brain."

— Jared Tagliatela, Yerkes National Primate Research Center

phy to monitor chimpanzee brain activity while chimpanzees gestured and called out to a nearby researcher for food. Imaging showed a considerable amount of activity in an area of the brain similar to Broca's area.

"One interpretation of our finding is that chimpanzees have, in essence, a language-ready brain," said lead researcher Jared Tagliatela. "Our results support that apes use this brain area when producing signals that are part of their communicative repertoire."

FILM STUDIES: New course adds hands-on production to repertoire

Continued from the cover

film-making through the Visual Arts Program, and screenwriting courses are offered both in film studies and the Creative Writing Program.

But film studies department chair Matthew Bernstein has long believed a narrative film-making track would complement the available course of study.

"It has always seemed to me to be essential to a film studies education that students get experience in capturing and editing images and sounds," Bernstein said. "It is a form of research equal to slowing down a scene from a Hitchcock film and analyzing what he's doing with lighting, staging, shot composition, editing and sound — and then writing a term paper on it."

Recently the idea of adding production to the department's repertoire caught the interest of College Dean Bobby Paul, who

has become a key supporter of the initiative. This semester, Mueller is teaching the first film studies course in fictional filmmaking, with plans for a second, more advanced course to follow next spring. Limited to just 13 film studies majors and minors, the class has met with tremendous enthusiasm among students, he said.

Mueller, who completed his Ph.D. in film studies in 2007 and also has experience in filmmaking, has taken care to structure the course in a way that will enhance the film studies department's core mission rather than detracting from it. "In a lot of situations, when production has been added to the curriculum, it has functioned as a distraction in terms of students' research and energies," he said. "One of our central objectives is that production augment and support the education we offer through the department. We are proceeding with care."

At the same time, both Bernstein and Mueller feel that Emory may be able to blend filmmaking and theory in a way that will set the program apart from those that are more technical and vocational in nature.

"Properly handled, production experience is a tremendous asset," Mueller said. "I have long maintained that film theory makes more sense when you have tried to make a film, and theory is also more useful to filmmakers than to a lot of other people."

"We are not trying to be UCLA or NYU in offering vocational training for entering the film industry," Bernstein added. "We are simply striving to give our students the best education we can. Especially now that many students arrive with the experience of shooting and editing video at home, we should be able to provide systematic instruction in something that many have learned intuitively."

Forum

FIRST PERSON

A salute to strong women

By CAROL GEE

Growing up, I can still recall overhearing my mother discussing some woman in our community who was going through some personal problems. She would remark to the person with whom she was speaking, "Well, she is a strong woman."

So whenever life throws me a curve ball, as life so often does, I am reminded of those women who often suffered more serious afflictions than those two laugh lines that recently showed up with an entourage, all of whom have now taken up residence around my eyes and mouth.

Recently celebrating several milestones — over three decades of marriage to the same man, several articles published in national magazines, and the publication of a chapter in a well-known Emory scholar's baby-boomer book — I suddenly realized that my journey into womanhood was borne on the shoulders of many so-called "strong" women.

In my veins flows the blood of women filled with cultural pride, who told me great stories about women like Maggie Lena Walker, the first woman in the United States to become president of a local bank, and Madame C.J. Walker, who turned dressing women's hair into a mega business, proving that women could be financially independent with hard work and a passion to succeed.

Some of my role models were alone by choice, others by death or other happenstance. A few remained with men who saw them only as bandages for their own wounds. Too soon these women believed the old wives' tale that if "you make your bed you have to lay in it." Because they had long learned to keep their pain hidden, friends failed to detect it. For some scars could not be seen by the naked eye. Having known all these women gave me the cour-

Carol Gee is an editor in the organization and management area of Goizueta Business School. JON ROU

age to fully explore life — and to dream. Learning from their traps and pitfalls taught me how to avoid them, or at the very least how to navigate around them. Having known them gave me the courage to find my own truth.

Today, I continue to find myself surrounded by women of extraordinary strength and character: my former administrative assistant, who as a single woman in her early thirties with a small daughter of her own, became the legal guardian of her two nieces, one of them already a teenager when their sole parent died. There is my sister raising a man-child alone in a world where every day black males live in fear of their own humanity. For sadly, not only are my sister's lectures to Michael about respecting women and himself, but how he should

act when or if he is ever stopped by those who took an oath to protect and to serve.

All my life I've enjoyed what I call amazing acts of friendship. Like the time I was asked to help decorate the reception hall when a friend's daughter got married. How could she have known that, not having a daughter of my own, helping to make her daughter's big day a day to remember touched my tender woman's heart? Then there were the women who came to my aid when I broke my ankle some years ago. Generous of spirit, these women fetched and carried the entire three months that it took from surgery to rehab before I fully recovered from my adventures in breakdancing.

As I think back to all the women who have been and still are so much a part of my life, I am hum-

bled by their unwavering support. So during National Women's History Month, I salute them.

Wise beyond their years they are my sisters and my dream sharers. Confident in their own abilities, they also acknowledge that sometimes even strong women need a hand to hold.

Recently, while chatting with a couple of women, one of them remarked how well I appeared to be doing after a recent health scare. Immediately the other remarked, "I am not surprised, as she is a strong woman." You see, long ago I realized that while life can be tough, I am tougher. Thus the torch has been passed. I have become a member of a select group of women, to become the woman that you see standing before you, a fearless woman, a confident woman, a strong woman.

— Leslie King

SOUNDBITES

Ways to see good and evil

"If we have any hope of lessening evil and enhancing good, we will have to employ as many disciplines as possible: religious, evolutionary biology, psychology, social sciences and every one represented in this room," said Carol Newsom in her March 3 Life of the Mind lecture.

The Charles Howard Candler professor of Old Testament/Hebrew Bible summarized ways the ancient world imagined good and evil.

Among them: The wisdom tradition says to know the good is to do it. However, it "vastly understates the resiliency of evil ... and ... excludes an account of institutional or systemic evil," Newsom said.

A good neighbor for DeKalb County

Emory has a significant direct and indirect economic impact to the metro area, which the Atlanta Regional Council for Higher Education estimates at over \$4 billion annually.

At a March 3 DeKalb Chamber of Commerce meeting, President Jim Wagner described Emory as bringing the best and brightest to this region, where many stay after graduation.

"As part of the 'brain gain' for metro Atlanta, 22 percent of our undergraduate students are from Georgia, but after graduation, over half of Emory's graduates remain and work in the region. Nearly a third of our overall 100,000 alumni live in metro Atlanta."

— David Payne

Infant mortality a neglected issue

The documentary "March of the Penguins" galvanized Americans with scenes of babies succumbing to the harsh Antarctic, noted Monica Casper, a medical sociologist from Vanderbilt University. She then posed the questions: "So why is it that human infant deaths are not visualized or discussed in the United States? What would it take to make us care about our own dead babies?"

In a recent talk at Emory titled "Phantom Babies," Casper said that the U.S. has a surprisingly high infant mortality rate for a developed country, and that African Americans have a significantly higher rate than the general population. Instead of tackling root causes such as poverty, policymakers have focused on pre-conception health care programs. This sets up infant mortality as the fault of women and girls who do not follow the program, Casper said.

"Not only are the babies invisible, but the women themselves become containers of blame."

— Carol Clark

Ceremony to mark fifth year of Iraq war

By CAROL CLARK

University groups that hold regular campus vigils over the Iraq war will join forces to mark the fifth anniversary of the U.S. invasion of the country on Wednesday, March 19, from noon to 2 p.m. The event, set for the grassy area between the Dobbs University Center and Cox Hall, will feature Korean drumming, taps and a reading of the names of the nearly 4,000 U.S. service people and the many thousand more Iraqi citizens who have died in the war.

"The anniversary also marks the half-trillion dollar mark for the cost of this war, and we will be creating a visual display of [these numbers] to inform citizens on campus," said Laura Emiko Soltis, one of the organizers.

A graduate student in the Institute of Liberal Arts, Soltis

started "Fearless Fridays" at Emory last semester. The weekly noon vigil at Asbury Circle is part of the national Iraq Moratorium effort. STAND with ME (Members of Emory), founded by Shalom Goldman, professor of Middle Eastern and South Asian Studies, and organized by Thee Smith, associate professor of religion, meets every Tuesday at 1 p.m. at the Cox Hall Bridge. Both vigils are sponsored by the Department of Religion.

"The term 'fearless' means not being afraid to ask questions," Soltis says of her group. "One of our goals is for Emory to have a more public and official program on the war. We have a lot of public discussions about race and class on campus, but not about a war we've been engaged in for five years."

University groups that hold regular campus vigils over the Iraq war will join forces to mark the fifth anniversary at a special event March 19. ANN BORDEN

Items are compiled from the University's master calendar, Events@Emory, and from individual submissions to Emory Report. Submit events at least two weeks prior to the publication date at www.events.emory.edu or christi.gray@emory.edu. Listings are subject to space limitations.

ADVANCE NOTICE

Alice Walker reads at Glenn March 25

In celebration of her archive's arrival here, author Alice Walker will give a public reading at Glenn Memorial Auditorium at 6 p.m. March 25.

Tickets go on sale March 17 by phone at 404-727-5050 or online at www.arts.emory.edu with a \$3.50 handling charge for phone and online orders.

Tickets for Emory faculty, staff, alumni and students are \$5 until the allotment is sold out; then the cost will be \$10, the same as for the general public. There is a limit of four tickets per person.

Sponsors include Emory Libraries, the Manuscript, Archives, and Rare Book Library, the James Weldon Johnson Institute and the Creative Writing Program.

Town hall topic is excellence

President Jim Wagner and Mike Mandl, executive vice president of finance and administration, will lead a conversation about defining and living out excellence at Emory for the Employee Council Town Hall meeting.

This year's event is March 27 from noon to 1:30 p.m. in the Tull Auditorium of the law school. Refreshments will be served, and staff members will have the opportunity to ask questions.

Get book tips at publishing forum

Register now to attend "Academics as Authors: A Symposium on Book Publishing" on April 11 at the Emory Conference Center. University Press editors in history, religion and the humanities, science, social science and medicine will speak on trends in publishing at 9 a.m. Editors with commercial presses and literary agents will address writing for broader audiences at 10:15 a.m.

The event is open to the Emory community. To register, e-mail Alyssa Stalsberg at astalsb@emory.edu by March 25. For details visit <http://www.emory.edu/PRO-VOST/facultydevelopment/manuscriptdevelopment/events.php>.

Athletics

Tuesday, March 18

Men's Baseball vs. Purchase College. 3 p.m.*

Wednesday, March 19

Men's Baseball vs. Centre College. 3 p.m.*

Women's Softball vs. Colorado College. 1:30 p.m.*

Friday, March 21

Men's Baseball vs. Rhodes College. 3 p.m.*

Men's Tennis vs. Amherst College. 2 p.m.*

Saturday, March 22

Men's and Women's Track and Field Invitational. 8 a.m.*

Men's Baseball vs. Rhodes College. Noon.*

Sunday, March 23

Men's Tennis vs. DePauw University. 10:30 a.m.*

Women's Tennis vs. DePauw University. 10:30 a.m.*

*Woodruff P.E. Center. Free. 404-727-6447.

Film

Tuesday, March 18

TIBET WEEK: "Dreaming Lhasa." 7 p.m. Reception Hall, Carlos Museum. Free. 404-727-6118.

Wednesday, March 19

"Sans Soleil." 8 p.m. 205 White Hall. Free. 404-727-6761.

Thursday, March 20

"Bingo Long Travelling All-Stars and Motor Kings." 8 p.m. 205 White Hall. Free. 404-727-6761.

Performing Arts

Monday, March 17

Atlanta Youth Wind Symphony. Scott Stewart, directing. 8 p.m. Emerson Hall, Schwartz Center. Free. 404-727-5050.

Wednesday, March 19

Emory Faculty Recital. Jan Berry Baker, saxophone, performing. 8 p.m. Emerson Hall, Schwartz Center. Free. 404-727-5050.

Thursday March 20

David Dorfman Dance Performance. 8 p.m. Dance Studio, Schwartz Center. \$20; \$15, over 65 and under 18; \$5, students. 404-727-5050. Also March 21 at 8 p.m. and March 22 at 2 and 8 p.m.

Sunday, March 23

Easter Concert: Emory Chamber Music Society of Atlanta Family Series. 4 p.m. Reception Hall, Carlos Museum. \$4. 404-727-5050.

Religion

Sunday, March 23

Easter Sunday University Worship. Luther Felder, United Methodist Church, preaching. 11 a.m. Cannon Chapel. 404-727-6225.

Seminars

Tuesday, March 18

"Becoming Molecular: Feminist Configurations in the Neurosciences." Deboleena Roy, San Diego State University, presenting. 4 p.m. 110 White Hall. Free. 404-727-0096.

"How Does the Soul After All Direct the Body? Traces of a Dispute Between Mind and Body in the Old Academy." John Dillon, Trinity College, Dublin, presenting. 4:15 p.m. 111 White Hall. Free. 404-727-7966.

"Fortunes of the Occhihai Politici in Early Modern Spain: Optics, Vision, Points of View." Enrique Garcia Santo-Tomas, University of Michigan, presenting. 4:30 p.m. 5015 Callaway Center. Free. 404-727-2297.

"The State and Fate of Literary Reviewing" Panel Discussion. 5 p.m. Jones Room, Woodruff Library. Free. 404-727-7683.

Wednesday, March 19

"What if They Held a Famine and Nobody Starved? Johnson, Ghandi and the Bihar Crisis of 1967." Nick Cullather, Indiana University Bloomington, presenting. 4:30 p.m. 721 School of Public Health. Free. 404-727-6722.

"Assessing the Prospects for Political Reform in China" Panel Discussion. 7 p.m. Cecil B. Day Chapel, Carter Center. Free. 404-420-5124. Tickets available at www.cartercenter.org.

TIBET WEEK: "Global Mandala: Reflections on Transnational Tibetan Buddhism." Abraham Zablocki, Agnes Scott College, presenting. 7 p.m. Reception Hall, Carlos Museum. Free. 404-727-6118.

Thursday, March 20

"The Regulation of Ubiquitin Transcription by Glucocorticoids in Skeletal Muscle." Russ Price, medicine, presenting. 9 a.m. 600 Whitehead Building. Free. 404-727-7401.

"Cartas y Conflictos." Carmen Millán, Universidad Javeriana-Instituto Pensar, Bogotá, Colombia, presenting. 4:30 p.m. 5015 Callaway Center. Free. 404-727-4062.

TIBET WEEK: Tibetan Science Initiative Presentation and Panel Discussion. 7 p.m. Reception Hall, Carlos Museum. Free. 404-727-6118.

"In the World of Spencer Williams, Race Film Pilgrim." Jacqueline Stewart, Northwestern University, presenting. 4 p.m. 206 White Hall. Free. 404-727-6761.

Special

Monday, March 17

Woolford B. Baker Green Space Award Event. Honoring the Rock Creek Watershed Alliance. 6 p.m. Ballroom, Miller-Ward Alumni House. Free. 404-522-6176.

Tuesday, March 18

TIBET WEEK: Sand Mandala Opening Ceremony. Noon. Reception Hall, Carlos Museum. Free. 404-727-4282. Closing ceremony March 22 at noon.

Thursday, March 20

Wellness Fair. 8:30 a.m. Carter Center. 404-727-9355; <http://fsap-ts1.fsap.emory.edu/>.

"Telling Our Stories." 5:30 p.m. Governor's Hall, Miller-Ward Alumni House. \$40; \$30 Friends of the Center. 404-727-2001.

Visual Arts

Thursday, March 20

"Collecting Excursions: An Installation by Linda Armstrong" Opening Reception. 5:30 p.m. Visual Arts Building and Gallery. Free. 404-727-6315. On view through April 24.

Friday, March 21

TIBET WEEK: Gallery Talk: Buddhist sculptures. Marguerite Ingram, Museum docent, presenting. 7 p.m. Asian Galleries, Carlos Museum. Free. 404-727-6118.

Now Showing

"Democratic Vistas: Exploring the Danowski Poetry Collection." Schatten Gallery, Woodruff Library. Free. 404-727-5050; www.arts.emory.edu. Through May 26.

"Visions and Revisions: An Exhibition of Poems in Process From MARBL's Literary Collections."

MARBL, Woodruff Library. Free. 404-727-5050; www.arts.emory.edu. Through May 21.

Lost Kingdoms of the Nile Exhibition and Sub-Saharan African Galleries. Carlos Museum, 3rd Floor. \$7 suggested donation. 404-727-4282. Through Aug. 31.

Workshops

Monday, March 17

TIBET WEEK: Introduction to Tibetan Buddhist Meditation. Brendan Ozawa-de Silva, presenting. 7 p.m. Reception Hall, Carlos Museum. Free. 404-727-6118.

Tuesday, March 18

ReservesDirect for Instructors. 4 p.m. 310 Woodruff Library. Free. 404-727-6867.

Wednesday, March 19

Nonprofit Networking Night. 7 p.m. Winship Ballroom, Dobbs Center. Free. 404-727-6268.

Friday, March 21

TIBET WEEK: Tibetan Sand Painting Workshop for Children. 6:30 p.m. Tate Room, Carlos Museum. Free. 404-727-0159.

Indie film legend visits Atlanta



SPECIAL

Independent film legend George Kuchar will visit Emory on March 20. He will comment on his films, such as "Stormy Weather: George Kuchar in the Elements," at 8 p.m. in 101 White Hall.

On March 18 Gene Youngblood, professor of moving image arts at the College of Santa Fe, will give a preview lecture on "The Video Diaries of George Kuchar" at 8 p.m. in 206 White Hall. For more information, call 404-727-6992.

"These films are not released on consumer videos, so the best opportunity people have to see them is through events like the one we've organized," says Andy Ditzler, media coordinator for Emory's Heilbrun music and media library.