

PROFILE

“I like to think of myself as an unofficial spokesperson for rabbits,” says Leslie Hunter. **Page 2**



FIRST PERSON

It’s time to think about how our actions impact the planet, say Public Health Week organizers. **Page 7**



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Special “Strategic Plan Update” Insert

Banner year for Emory Libraries



William L. Matheson Reading Room

JON ROU

Physicist sheds light on Da Vinci

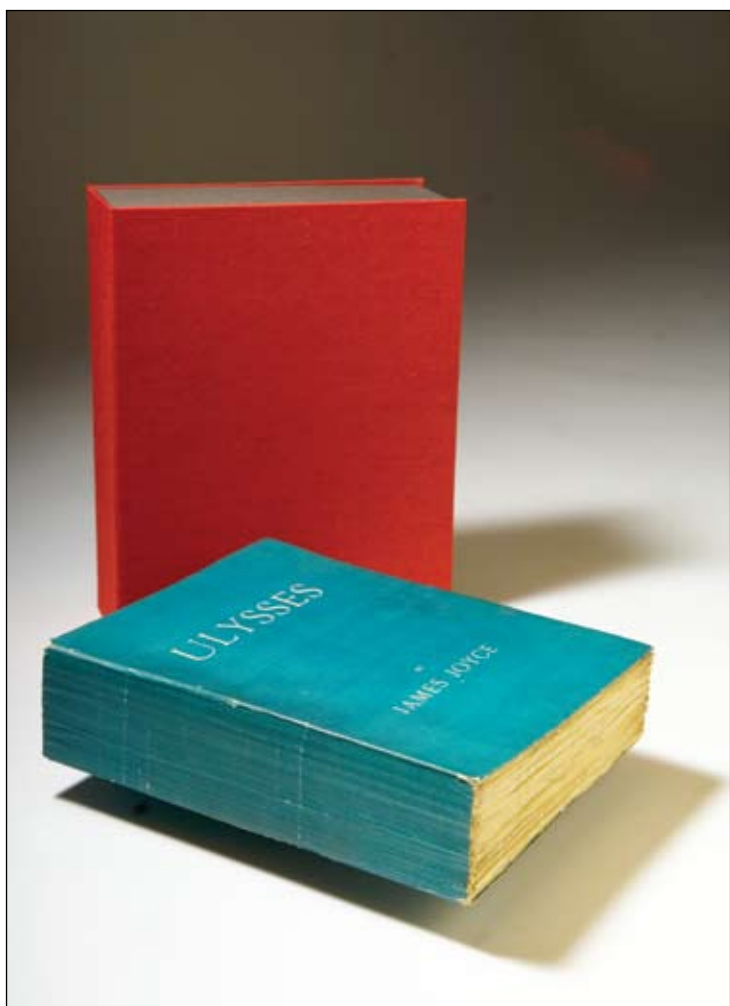
By CAROL CLARK

A centuries-old mystery about a lost Leonardo Da Vinci masterpiece may finally get solved, due to an idea hatched by Ray DuVarney, chair of physics, after a chance meeting of minds.

Italian authorities recently gave the green light to do imaging studies in the Palazzo Vecchio in Florence, to learn if the artist’s legendary mural “The Battle of Anghiari” lies behind it. DuVarney is now an investigator and consultant on a team that is attempting to customize the imaging technology for the Da Vinci project, headed by Maurizio Seracini, director of the Center of Interdisciplinary Science for Art, Architecture and Archaeology at the University of California, San Diego.

“It’s the challenge,” DuVarney says, explaining how he became wrapped up in the quest

Please see DA VINCI on page 6



Books from the Raymond Danowski Poetry Collection

KAY HINTON

By ELAINE JUSTICE

By any measure, Emory Libraries have had a banner year. Alice Walker announced the placement of her archive at the University, as did the Southern Christian Leadership Conference. Some of the nation’s most revered poets gathered for “A Fine Excess” and the first major exhibition of the Raymond Danowski Poetry Library, “Democratic Vistas” — called the most important 20th century English language poetry collection in existence.

No wonder that Dana Gioia, chairman of the National Endowment for the Arts, during an interview on campus earlier this month, opined that “right now Emory is probably the library with the most dynamic vision behind it.”

Please see LIBRARIES on page 4

‘Try It’ gets commuters moving

By DAVID PAYNE

Think about the worst day of your commute to Emory. Is it every Monday? Fridays before holiday weekends? Commencement day?

Selecting the most difficult commute day and then asking Emory commuters to try an alternative means of getting to work is the basis of a new program called “Try It.”

“Many Emory employees have given up their parking passes and commute without driving solo,” said Bob Hascall, vice president of campus services and chairman of the EmoryMoves Executive Committee.

Please see ‘TRY IT’ on page 5

SEE VISION PLAN INSERT

In January 2007, Emory Report published a special issue on the progress of the University's strategic plan. In this week's issue, Emory Report brings you a special insert that provides an update of the past year and a half of plan implementation, highlighting specific milestones achieved within each school, unit and theme.

Strategic plan funding has enhanced and strengthened the major priorities of units, schools and colleges, touching upon virtually every aspect of the University's mission. This special report demonstrates the tremendous worth of that investment.

Colleagues from around the University pitched in to make this project possible. Special thanks goes to contributors Beverly Clark, Gary Hauk, Elaine Justice, Holly Korschun and her team, Makeba Morgan Hill, Ulf Nilsson, David Payne, David Raney, Victor Rogers, Holli Semetko and Claire Sterk.

This issue is dedicated to Paul Jean, who contributed so much to communicating the University's strategic vision.

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. Visit us online at www.emory.report/EMORY_REPORT.

EMORY PROFILE: Leslie Hunter



Leslie Hunter's advocacy work for the House Rabbit Society is a logical extension from her work in Emory's Office of Development and Alumni Relations, where she is responsible for finding potential donors.

ANN BORDEN

A ministry of optimism

Research analyst raises rabbits, funds, voice in song

By ELIZABETH ELKINS

Leslie Hunter's office has a window, but it's not one through which you can see outside. Instead, it's a window frame painted with splashes of blue, green and red, decorated by two orange and green stuffed bunnies.

Hunter, a senior research analyst in the Office of Development and Alumni Relations, is quick to point out that she's never been artistic visually, but that she tries to make the best of any situation, windowless offices included. Her optimistic demeanor mirrors the feel of her colorfully decorated workspace — replete with a myriad of stuffed animals, Easter baskets and a copy of Beatrix Potter's "The Tale of Peter Rabbit."

Lagomorphs are a recurring theme, one that reflects Hunter's home life with four pet rabbits. The furry pets have been a staple in her life since she moved to Atlanta from Cedar Falls, Iowa, in 1990.

"When my then-husband worried I was changing my mind about not having children, we

went to a rabbit show and I fell in love with them," she recalls. "I was never a cat person, and we lived in an apartment so a dog was not an option. Rabbits were a perfect fit."

Since adopting her first rabbit in 1990, Hunter has saved 13 rabbits including her current brood, two of which have special health needs. "I like to think of myself as an unofficial spokesperson for rabbits," she says. "I'm not much of a believer in Chinese astrology, but I found out recently I was born in the Year of the Hare, which may explain why I cannot live without my rabbits."

She compares owning rabbits to owning cats — "They use a litter box, they don't bark and some don't ever want to be touched or held," she explains — with the slight difference that rabbits require fresh food.

"People at the farmer's market are always asking me how I cook my kale," she laughs. "Then I tell them I have no idea, because it's for my rabbits. The rabbits also always need something to chew on, such as pinecones or cardboard, or they will get into

phone lines and furniture very quickly. My coworkers are great about bringing used cardboard boxes to my office."

Hunter has long been involved in the Georgia chapter of the House Rabbit Society, volunteering as the organization's newsletter editor and as a grant writer for many years. It's a logical extension from her work at Emory, where she is responsible for finding potential individual and group donors to support Emory College, Emory Graduate School and the Carlos Museum.

Rabbits are not Hunter's only passion. She's also a musician, who has moved on from her time in the pop group Jazzarama to a group called The Amazing Graces, a trio who visits nursing homes bringing the joy of show tunes, rock and roll and New Orleans jazz to the elderly. She has recently become involved in Sacred Harp singing, a Southern religious tradition also known as shape note singing.

"I enjoy it because it's not about performing. It's about reverence and prayer," she says.

Reverence and prayer round

out Hunter's incredibly busy life. She's hard at work earning her license in sacred theology from the Karin Kabalah Center and St. Thomas Christian Church, a degree that will make her a state-ordained minister.

"In the end, I'd like to find a way to tie all of these things together," she says, "to combine the ministry, the music and the animals in ways that can help both the people and the animals."

Adopt a bunny

"I don't believe in buying a 'new' animal, there are too many animals in shelters who desperately need loving homes," says Leslie Hunter, who recommends the following animal organizations:

House Rabbit Society:
www.houserabbitga.org

Noah's Ark Animal Rehabilitation Center:
www.noahs-ark.org

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People

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SNAPSHOT



BRYAN MELTZ

Girls glimpse life at Emory

LaDonna Cherry of Emory Creative Group shows a sixth-grader graphic design production as part of Take Our Daughters to Work Day on April 17. Through the auspices of the President's Commission on the Status of Women and the Office of University-Community Partnerships, 40 students from Coretta Scott King Young Women's Leadership Academy observed the work of several Emory offices and visited college classes.

Yerkes' Sharpless at home in the field

By SYLVIA WROBEL

You think you have workplace challenges? What if those you were responsible for were smart but mischievous, enjoyed pulling apart their work space, expected you to keep them fed, clean, well and entertained, and sometimes woke you in the middle of the night with vociferous cries of pleasure or annoyance?

If you were Mark Sharpless, you would love every minute of it. Being operations manager at the 117-acre Yerkes National Primate Research Center field station in Lawrenceville is a 24-7 job, but Sharpless doesn't have to take his work home: He lives in a house on the grounds, along with his two dogs and a pot-bellied pig named Ellie.

Charged with overseeing the field station's daily operations, Sharpless is the go-to person for anything having to do with 2,200 animals living in open-air compounds in large social groups of 20 to 175. Sharpless facilitates research, the center's breeding program, and good relations with the Lawrenceville human community, but his first priority is what's good for the animals.

He oversees and manages training for 25 staffers who handle daily husbandry, making sure the animals are fed, clean, safe and secure. He coordinates efforts of on-site facilities staff and on-site contractors. Members of the veterinary care team report to the chief vet for medical guidance but turn to Sharpless to get things done.

Four Yerkes researchers spend most of their time at the field station, known worldwide for its studies of social behaviors among primates, and many others are

at the field station for short-term studies. There's a lot of balancing of research and animal care schedules, says Sharpless. Each animal is looked at every day by some combination of himself, associate operations manager Julie Moran, the animal care staff, veterinary staff and the researchers.

Already, 2008 has been a busy year for Sharpless, with a successful renewal site visit from the Association for Assessment and Accreditation of Laboratory Animal Care International (the gold standard of animal care accreditation). As the breeding center for Yerkes, the station moved forward with the time-consuming, labor-intensive breeding of a colony of herpes b negative macaques, animals important in vaccine and transplant studies, and the recent groundbreaking for a clinical veterinary medicine administration and research building, scheduled to open later this year. Planning also is under way for a new garden to grow fruit and produce for the animals.

Visitors include neighbors, often bearing gifts of treats made by nursing home residents or old phone books for the animals to destroy, school children, visiting scientists, and actor Alan Alda, who filmed part of a new television program on research at the field station in March.

Spring is the best time of year at the field station, says Sharpless, because it's birthing season — but every day is filled with excitement, the joy of living among the animals, and working with dedicated staff who love them as much as he does.

This article first appeared in the April 14 issue of Health Sciences Update.

Earth Week: A green scene

Earth Week at Emory April 19–25 featured speakers, service and hands-on opportunities to learn about and celebrate the Earth. Students energized Oxford College's celebration (below). Events continued throughout April, which has been declared "Sustainability Month" at Emory.



BRYAN MELTZ



KAY HINTON



KAY HINTON



KAY HINTON

APPOINTED

Victoria Armour-Hileman has been named associate dean of religious life and chaplain.

Armour-Hileman, who begins her new position Aug. 1, is graduating from Hebrew Union College's Jewish Institute of Religion in May, when she will receive her rabbinic ordination.

She served on the Board of Rabbis of Southern California and has served congregations in Mammoth Lakes and Yuba City/Marysville, Calif. and White Plains, N.Y.

Anne Burkholder has been appointed to the newly created position of associate dean of Methodist studies at Candler School of Theology.

Burkholder will coordinate curricular and non-curricular programming for students seeking ordination into the United Methodist Church and all other Wesleyan denominations. She will also oversee the United Methodist Course of Study and will manage the relationships between Candler and the conferences of the United Methodist Church.

She has taught at Duke Divinity School and the United Methodist Women's Schools of Christian Mission.

Eric A. Hoffman has been appointed director of student conduct/assistant dean for campus life.

He is currently the coordinator for campus alcohol programs at the University of Maryland, College Park.

Hoffman will begin his duties at Emory on July 1.

J.B. Kurish, associate professor of finance at the Goizueta Business School, has been appointed associate dean of the Full-time MBA Program.

Kurish, who joined the Goizueta faculty in 2006, has been actively involved in developing the new curriculum for the program.

Prior to coming to Emory, Kurish managed public debt offerings for more than 15 cities and states. He also ran his own company and worked as a public finance investment banker for Credit Suisse First Boston.

Phillip M. Thompson was named executive director of Emory's Aquinas Center of Theology. Thompson currently serves as director of the Leadership Program in Public Policy at Georgia Tech.

Thompson previously was Patricia A. Hayes Professor of Ethics and Director of the Center for Ethics and Leadership at St. Edward's University in Austin, Texas.

He was a practicing attorney for nine years.

"Appointed" is an occasional column announcing key hires and promotions at Emory University.

TAKE NOTE

Library Level 7 to close for renovation

Stack Level 7 of the Woodruff Library will close for renovation beginning May 27. On that day, workers will begin the two-week process of moving Level 7 books to the Storage Library; those books will be temporarily inaccessible during the move period.

Level 7 books include call numbers F1001 through HJ, which include anthropology, business, Canadian history, economics, geography, Latin American history and statistics.

Once Level 7 books are settled in the storage library about mid-June, requests for retrieval can be made; deliveries will be made Monday through Friday to the Woodruff Library Learning Commons, Level 3. Requesters are notified by e-mail when material arrives.

For more information on retrieval and the renovation project, visit <http://web.library.emory.edu/stacksmove>.

Serve up skills at tennis clinics

Learn basic and intermediate skills to play tennis at the University's adult summer tennis clinics. The three-week sessions will be taught by head men's tennis coach John Browning and assistant Tyson Ramsay.

Beginner clinic starts May 19 and is every Monday and Wednesday through June 4. Intermediate starts May 20 and is every Tuesday and Thursday through June 5. Both meet from 7 to 8:30 p.m. at the varsity tennis courts.

The cost is \$130 for the six clinics and each participant will receive a DVD of their strokes learned during the classes.

Weekend Scramble Camps will be held beginning May 24 into August from 10 a.m. to 1 p.m. Tailored to the intermediate to advanced player, these are high-intensity sessions, according to Ramsay. Saturday features singles drills and Sunday doubles drills. Both include video analysis.

The cost is \$50 for either the Saturday or Sunday camp or \$85 for both.

For more information, contact emorytennisclinics@gmail.com or call Ramsay at 404-218-4363.

First Thursday ushers in May

A dance around the Maypole welcomes May Day at First Thursday in Emory Village, beginning at 6:30 p.m. on May 1.

Music, trivia contests and children's activities are standards at the monthly events. Vendors of organic produce and other products will also be featured.

Most neighborhood businesses and restaurants will stay open late for First Thursday.

For more information, visit www.emoryvillage.org or call 404-687-0395.

COVER STORY

LIBRARIES: Praise for 'dynamic vision'

Continued from the cover

But what makes a great university library? Is it special collections, the numbers of books and journals offered, high-tech wizardry? Rick Luce, vice provost and director of Emory Libraries, thinks he knows the answer for Emory.

"What we're not trying to do," he says, "is compete with our peers on who can hold the most volumes."

The Emory Libraries are unfolding a very ambitious strategic plan to put the library in the top echelon of university research libraries in the country. And yes, part of that plan is building strength in special collections — but with a crucial difference.

"These collections aren't just static. More than anything else, they are living, active and focused," says Luce. "Many of them are linked to living writers who have become a part of the Emory family and visit campus regularly. The collections energize the people around them; they energize discussion and research; we program content around them in ways that help them come alive." The Manuscript, Archives, and Rare Book Library reports use of the collections is at an all-time high (see sidebar).

"That's different from what you'll see at many universities, where a collection is acquired and

goes in a back room and that's it," Luce says. "The experience that undergraduates can have here with primary materials can't be matched anywhere; it is unique to Emory."

Ronald Schuchard, Goodrich C. White Professor of English, agrees. He has been telling the story of Emory's unique approach to special collections, and says other world-renowned libraries are beginning to follow Emory's lead: Just this year Oxford's Bodleian Library and Yale's Beinecke Library began opening up their collections for use by undergraduate teachers and students.

Digital innovations are also at the heart of Emory Libraries' vision — again, with a difference. Emory's MetaScholar Initiative in Woodruff Library's Digital Programs and System Division is leading the MetaArchive Cooperative, a community-based digital preservation network funded by the National Historical Publications and Records Commission, affiliated with the National Archives.

The goal is to encourage digital preservation across the United States. With funding from a \$300,330 grant from NHPRC, the MetaArchive Cooperative is offering distributed digital preservation to culture memory organizations nationwide.

"We are essentially doing for digital materials what libraries and archives have done for

"The experience that undergraduates can have here with primary materials can't be matched anywhere; it is unique to Emory."

—Rick Luce, director of Emory Libraries

paper collections for millennia," says Martin Halbert, director of digital programs and systems at Emory. The grant is the latest in some \$4.5 million in support that Woodruff Library has received for projects and programs that promote new ways of conducting research in the digital age.

Digital content is changing not only libraries, but also the way knowledge is created, says Luce. "We're using the strengths we have in special collections and in digital innovations to begin to understand those collections in new and different ways."

Luce points to new forms of journals such as Southern Spaces, supported by the Woodruff Library, "which use a sense of place to make the connection between place and content." Luce predicts that others will emulate Southern Spaces' use of technology and media to explore ideas in innovative ways. The Salman Rushdie archive is another example of in-

tertwining special collections and digital innovations, since large parts of it were born digitally. "Researchers can examine the creative process through these new tools," says Luce.

Emory Libraries "really is the intellectual and social commons," says Rosemary Magee, vice president and secretary of the University. More than just a place to hang out, says Luce, "it's a way to draw the community into a common space to think deeply about the kinds of things we can learn from the knowledge here, and from the discussions it sparks."

By the numbers

- 1,572 students and visitors came to MARBL for an instruction session, class or gallery talk in FY07, a 159% increase from FY06
- 88 MARBL staff members participated in instruction and outreach sessions in FY07
- 1,269 students, staff and visitors interacted with MARBL/Emory University Archives materials, up 241% over the average for the past five years
- 63 class sessions took place in MARBL in FY07

Test drive Libraries' Primo search tool

By LEA McLEES

If you've been using the Emory Libraries Web site to finish up spring semester journal papers or research, you've probably noticed a bright yellow star icon at the top of the libraries listing page (<http://www.emory.edu/libraries.cfm>).

That star is an invitation to try something new: Primo, a new search tool the Emory Libraries are offering to students, faculty and other library customers.

Released in a beta version on April 10 thanks to teamwork from the Libraries information technology staff and University Technology Services, Primo is now available for testing and feedback, says Vice Provost and Director of Emory Libraries Rick Luce.

"Primo allows the Emory community to discover not just books and the contents of the international databases we purchase, but information from selected Emory local digital collections, as well," Luce said. "Users get access to all records in EUCLID, plus thousands of records from several Emory digital repositories. They also can search multiple article databases at the same time. In fact, all resources in Databases@Emory are discoverable using Primo."

Primo differs from EUCLID, the search tool it will eventually

replace, because it allows library customers to conduct one search to explore all of these materials. That saves time and makes comparing and contrasting resources easier, Luce says.

"Two key components of the Libraries' strategic plan are enhancing user services and digital innovation," Luce says. "Primo greatly improves search options for our customers, and it makes many of our Emory-only digital offerings just as searchable as journals and books."

Primo will be in test mode through the end of July — you can access it and offer feedback on how it works via the Primo home page. To get there, click the yellow Primo star logo, or go straight to <http://www.library.emory.edu:32888/DB=primo1>.

"We encourage you to let us know what you think of Primo — what do you want it to do? Does it meet your needs? Your input will help us refine this tool and customize it to your needs," Luce says.

Changes based on your feedback will be made in late July. Starting Aug. 4, Primo will be a fully functional alternative to EUCLID; it is slated to replace EUCLID as the primary tool for discovering Emory Libraries resources on Jan. 5, 2009.

SNAPSHOT



JOSEPH MOON

A bold, striped plot

A zebra was found on the third floor of Oxford's Seney Hall April 23, following an old tradition of pranks there. The zebra was unharmed and returned to a local farm. The incident is under investigation. "I hope it will be at least another 50 years before the next such prank is attempted," said Oxford Dean Stephen Bowen.

Campus

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REPORT FROM: Emory Healthcare

Day clinics convenient option for employees

If your child gets sick or your husband is running a high fever, you don't have to go to the Clifton or Midtown campuses of The Emory Clinic to get treatment. Chances are there's an Emory day clinic conveniently located in your neighborhood that can meet your family's health care needs.

Emory Healthcare has established a full range of primary care services along with select specialty services closer to your home in such neighborhoods as Sandy Springs, Dunwoody, the Perimeter, Decatur, Sugarloaf, Smyrna and South DeKalb

County. These clinics offer the same employee health care benefits as those on our two main campuses.

You have an incentive to use Emory Healthcare physicians because you're covered in network under Emory's employee health plan. (Remember to check your insurance to make sure if the doctor is covered.)

As Emory employees, you have direct access to some of the best physicians and health care workers in the country. That's why we encourage you to spend your health care dollars at EHC. You also benefit financially as you receive

significant discounts when using EHC providers.

You can't beat Emory service for convenience, cost, choice and expertise. So next time you have a family emergency or need health care services, visit <http://www.emoryhealthcare.org/tec/> to find out more about the following Emory Primary Care clinics:

- The Emory Clinic, 1525 Clifton Road
- The Emory Clinic, Smyrna
- The Emory Clinic, Decatur
- Emory Family Medicine, Dunwoody

- The Emory Clinic, Flat Shoals Parkway

- The Emory Clinic, Perimeter
- The Emory Clinic, Emory Crawford Long Hospital
- The Emory Clinic, Sugarloaf

For more information about Emory health centers, call Emory HealthConnection at 404-778-7777.

Una Hutton Newman is senior associate vice president and chief marketing officer, Emory University and chief marketing officer, Emory Healthcare.

NEWSMAKERS



"There's something very enjoyable about sitting in a room with 16 intelligent young people, talking about a book."

— Salman Rushdie on teaching at Emory in the Kolkata, India, Statesman on April 21.

UNIVERSITY GOVERNANCE ROUNDUP

Employee Council holds election; learns about Grady link

Louis W. Sullivan, founding dean and first president of the Morehouse School of Medicine, was guest speaker at the Employee Council's April 16 meeting.

New officers elected for 2008-09 are president-elect Nina Long, a LAN engineer in the School of Medicine's Office of Information Technology Services; secretary-elect Yaffa Adiri, senior research specialist in the infections diseases division of the School of Medicine; and treasurer Margaret T. Murray, a business manager in the Depart-

ment of Pediatrics.

Matt W. Engelhardt, senior director of development operations in Health Sciences Development, steps up to president.

Outgoing president Iruka Ndubizu urged everyone to attend Staff Fest on May 16, where there will be hourly drawings at the council booth for dining at area restaurants.

Edith Murphree, vice president for finance, will be the speaker at the next meeting May 21 at Lullwater Estate.

Faculty Council discusses equity in hiring report, other issues

The University budget and strategic plan initiatives dominated the Faculty Council meeting April 22. President-elect Steven Culler said Provost Earl Lewis talked in-depth about how the initiatives would fit into this year's budget.

"There were a variety of good comments" from council members about the equity in hiring report presented by Claire Sterk, senior vice provost for academic affairs and faculty development, about what other universities have done in terms of inclusion

and what changes might need to be considered, Culler said.

A pilot study for a potential faculty club looked at 17 other universities' approach. Culler said the general feeling is that one is needed if Emory is going to be a destination university. He expects a committee to be formed to investigate the possibility of some dedicated space on campus.

Council members were also urged to nominate members for a pool of people to serve as faculty counselors on Board of Trustees committees.

Recycling, mental health on University Senate agenda

The Senate, which meets April 29, is expected to hear an update on its recycling initiative, the main project for this year.

Steven Culler, who is also president-elect of the senate, said a physician from the counseling center will also make a presentation on mental health.

Fred Sanfilippo will talk about what he's learned since taking over his position as CEO of the Woodruff Health Sciences Center and executive vice president for health affairs.

Culler said Tim Downes, athletic director, is also expected to make a presentation.

Senate members recently received "a very thoughtful and thorough research report addressing perceptions of policy and programming needs for Emory's lesbian, gay, bisexual and transgender community," according to Nadine Kaslow, Senate president.

The report is from the President's Commission on Lesbian, Gay, Bisexual Transgender Concerns.

— Leslie King

Practice this summer for Emory Arts Competition

By KIM URQUHART

Students, staff and faculty have a homework assignment this summer: Be creative. Hone your musical skills, sculpt, paint — and practice. Because for the first time ever this fall, the University will host a campus-wide arts competition.

Building on the popularity of prime time's "American Idol" and Hillel of Georgia's "Campus SuperStar," the Emory Arts Competition will showcase amateur talent but with its own twist.

"There may be a violinist playing a Tchaikovsky concerto, there may be an a cappella group, there could be an opera singer," said Vice Provost for Academic Initiatives Santa Ono, noting that the competition isn't restricted to "American Idol"-style popular music. There is also a category for visual arts.

With the final competition set for Nov. 8 in the Schwartz Center, the contest is open to all faculty, staff and students, who must be amateur contestants, Ono noted.

The competition is "a celebration of the arts," said Ono, and is a way to spread engagement in the arts across the entire University. The idea for the event grew

out of the Creativity and Arts component of the University's strategic plan.

"We know the campus is full of creativity and arts," said Rosemary Magee, vice president and secretary of the University. "This is an opportunity to highlight in expected and unexpected ways people from across the University."

Early next fall contestants can submit their work via a Web site that is being created specifically for the competition. Elimination rounds are set for October.

While the early rounds of the competition will take place virtually, the finalists who continue on to the Nov. 8 competition will be performing and showcasing their work in front of a distinguished panel of judges — and a campus audience. There most likely will be an opportunity for the audience to vote as well, Ono said. A winner and a runner-up will be selected from both the arts and music categories.

Detailed information on how to enter will be announced in future issues of Emory Report and other campus communications, Ono said. Queries should be directed to sjono@emory.edu.

'TRY IT': Explore the options

Continued from the cover

"For other employees it may not be reasonable to expect them to give up their parking passes altogether. Instead, we are asking people to look at the commuter options, and just try it one day a week or a couple days a month," Hascall said. "The cumulative effect of less traffic, less carbon emissions, and cost savings for commuters is significant."

The campaign is supported by EmoryMoves, a new initiative to encourage Emory's faculty, staff and students to take

a second look at their commute patterns and explore alternative transportation — Cliff shuttles, vanpools, carpools, Zipcar, bicycling or walking — to get to campus. EmoryMoves will also work to improve the awareness of these programs, to examine programs or policies that will improve commuting conditions, and reward commuters who register and use Emory's alternative transportation programs.

EmoryMoves was launched to implement several of the recommendations made by Emory's 2007 Excellence Through Leadership class that examined creative solutions to transportation issues at Emory.

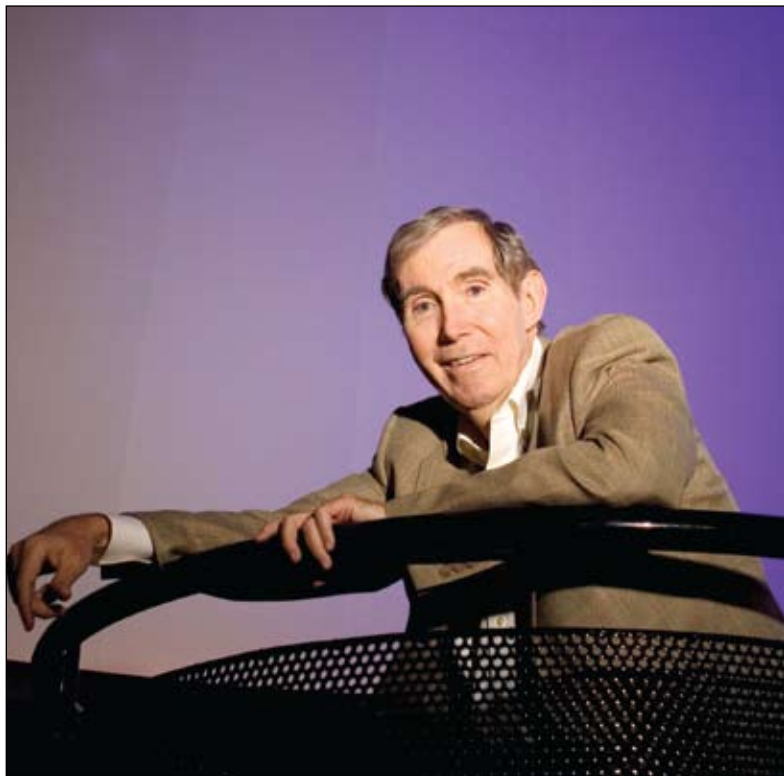
'Try It' on Commencement day

Faculty and staff who want to avoid driving on Commencement day, Monday, May 12, are encouraged to "Try It" and take Cliff or another alternative commute option to work. Cliff commuters who ride the shuttle on that afternoon from Woodruff Circle will receive a "Try It" T-shirt.

At Staff Fest, on Friday, May 16, those staff who bring their 'Try It' T-shirt, or who are registered under any of Emory's alternative transportation programs, are eligible for entry into the EmoryMoves VIP tent. Look for prizes, raffles and special treats in the VIP tent.

COVER STORY

DA VINCI: High-tech hunt for lost mural



KAY HINTON

"It's the challenge," says Physics Chair Ray DuVarney, explaining how he became wrapped up in the quest to unravel one of the great mysteries of Renaissance art.

Continued from the cover

to unravel one of the great mysteries of Renaissance art. "I'm really intrigued now. I want to see if my idea will work and we can find the painting."

DuVarney first met Seracini at a physics conference in Taormina, Sicily. An Italian engineer with a passion for art, Seracini told the attendees about his search for "The Battle of Anghiari," which Da Vinci was commissioned to paint on a wall in Florence's Hall of Five Hundred. In 1505, Da Vinci began painting a magnificent scene of soldiers on horseback, clashing in battle. He abandoned the project before completion, however, and the mural disappeared when the hall was renovated during the mid-16th century. One of Da Vinci's admirers, artist and architect Giorgio Vasari, directed the renovation and painted a fresco on the east wall.

Seracini surveyed the hall using radar and discovered that Vasari had built another wall in front of the original east wall, and left a gap between them.

"He told us his hypothesis — that Da Vinci's mural lies behind the wall where Vasari painted his fresco," DuVarney says. "Then he challenged all these scientists in the audience to come up with a method to see behind it."

That evening, while pondering the problem over a glass of Italian red wine, it occurred to DuVarney that nuclear-activated gamma ray spectroscopy might do the trick. The technology is a well-known method of detecting heavy metals, with applications such as determining if mercury is in fish. It can also be used to detect the heavy metals in oil paint. So why not use this technique to take a "picture" through the wall?

Here's how it would work: Neu-

"This is a passion project. It's more than a physics problem. It's about finding one of the lost wonders of the world."

—Ray DuVarney, chair of physics

trons will pass through a brick wall, but are absorbed by the nuclei of heavy metals. A heavy metal nucleus becomes energized when it absorbs a neutron and then gives off a gamma ray — a beam of high-energy light.

By localizing the movement of neutrons through the wall, the investigators could create a "pixel" and get a reading of the type and intensity of any heavy metals within that area. Since paint often gets its color from heavy-metal compounds, this information could then be used to predict the hue of that pixel. Scanning the wall one large pixel at a time, and repeating the process of analyzing the data, could not only show if a painting adorns the inner wall, but suggest what the painting looks like.

"Maurizio loved the idea," DuVarney says.

DuVarney recruited an Emory team to help refine the idea, including fellow physicists John Malko, P.V. Rao and Charles Bleau, and Carlos Museum art conservator Renee Stein. Meanwhile, Seracini recruited two private technology companies to work on the project, and the project was recently profiled on "60 Minutes."

"This is a passion project," DuVarney says. "It's more than a physics problem. It's about finding one of the lost wonders of the world."

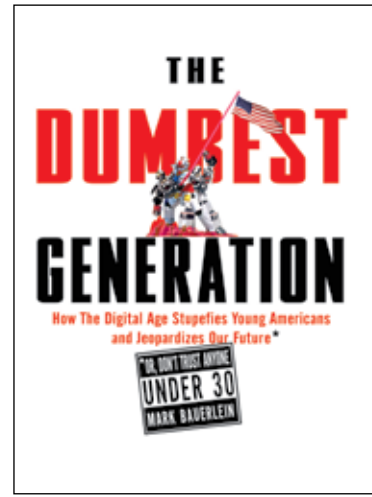
QUESTIONS FOR...Mark Bauerlein

Professor's new book challenges the 'dumbest generation'



Mark Bauerlein

JON ROU



SPECIAL

By BEVERLY CLARK

Emory English professor Mark Bauerlein's "The Dumbest Generation: How the Digital Age Stupefies Young Americans and Jeopardizes Our Future" has attracted national buzz, including the New York Times and USA Today, in advance of its publication May 15. His provocative, deeply researched book finds ignorance in abundance and the Internet an all too-enticing web of social networking that further insulates youth from their intellectual development.

Emory Report: What inspired you to write this book?

Bauerlein: I left academia in 2003 and went to work as a political appointee for the National Endowment for the Arts... My government work brought me in to broader contact with non-academic cultural issues and bigger populations than Emory students, and that made me see some serious problems. As a part of that, I saw that academic humanities work is simply disconnected from the basic educational needs of 8-year-olds, as well as from main pressing cultural issues of our time. And I also got tired of writing things that 20 people might read.

ER: Calling today's youth the "Dumbest Generation" seems pretty harsh. Why do so?

Bauerlein: Let's clarify: young people today are no less intelligent. They're no less motivated. More of them go to college than ever before. They have better attitudes toward parents... But why are they the 'Dumbest Generation'? There are more colleges, more museums, more libraries, more bookstores, more performance spaces and more educational programming than ever before. They have the Internet... They have more spending power than any generation in human history. So with all those opportunities, we should expect some knowledge growth, and skill development. It's either flat — or down...

So you have all the incentives out there to be literate and learned and what do you do? Well, you spend hours checking your blog to see if someone made a comment on your last post. You upload videos from spring break on to your personal profile page. You hit that cell phone every five minutes... This is a waste.

Now, we shouldn't be surprised that adolescents do this. That's what kids do. We have to add to this mix

of the Internet seduction the abdication of the mentors who don't want to hold the line, who don't want to scold the teens... This is something we should do a lot more of. Elders have chastised kids forever — until recently, and that's bad, for it's a healthy condition for the generations to be in some tension with one another.

ER: What can be done to turn the tide?

Bauerlein: Educators are the only ones that can hold the line in the schools... On the macro-level, though, nothing can be done. On the micro-level, parents can set aside an hour a day, where you unplug from everything and read, read anything you want. Just take that one hour to read.

ER: How do you see these themes playing out among Emory students?

Bauerlein: Emory: competitive admissions, ambitious, motivated kids... They are goal-directed in career terms and that makes them undervalue their liberal arts course work. And that's a shame because this is the only time they will have the opportunity to become learned, well-read individuals...

I tell my students, 'You're ignorant, you're lazy, you watch too much TV. Don't talk to me about how busy you are.' I say these things in class. They laugh at me. But they know that I care about them. I care about their minds and that they leave a class knowing more than when they came in... You can criticize them across the board if you're attentive and if you respect them as intellectuals. You respect them enough to say: you can do a lot better and I want you to do better. So if that message of caring gets through, you can criticize. You can call them the 'Dumbest Generation.'

Study targets chronic fatigue

By KATHI BAKER

Researchers from Emory School of Medicine and the U.S. Centers for Disease Control and Prevention are working together on a study they believe will lead to a better understanding of chronic fatigue syndrome.

Symptoms of CFS include debilitating chronic mental and physical exhaustion, difficulty thinking, reasoning and remembering, unrefreshing sleep and various muscle and joint pains. It is often difficult to diagnose CFS because the symptoms can

be related to many other illnesses.

"Statistics show that there are between 1 million and 4 million adult Americans who suffer from CFS, including 2.5 percent of adults in Georgia," says Andrew Miller, Timmie Professor of Psychiatry and Behavioral Sciences. "Although scientists have made significant advances in defining CFS, diagnostic tests and effective treatments remain undefined."

The Emory-CDC study is designed to evaluate mechanisms of the illness with an

emphasis on alterations in the regulation of hormones and the immune system, alterations in brain circuits involved in cognitive function and mental fatigue. The molecular and genetic underpinnings of these alterations will also be explored.

"We believe this groundbreaking research will lead us to a better understanding of the pathophysiology of CFS, both from a psychological and biological standpoint," says Miller. "It will open doors that could lead us to better ways to diagnose and treat CFS in the future."

Forum

FIRST PERSON

Week links public health, climate change



BRYAN MELTZ

Bethany Caruso (left) and Micah Hahn are students in the Rollins School of Public Health's Global Environmental Health Program and members of the steering committee that organized Emory's National Public Health Week, held this year April 7-13.

Looking back

By BETHANY CARUSO

At Emory, I always find that my education continues beyond the classroom. During the week of April 7th, I participated in a variety of events in conjunction with National Public Health Week, themed "Climate Change: Our Health in the Balance." If I learned anything that week, it was that climate change is very real.

The debate is over. What is more important now is to consider who is causing the most change, who is being most affected by change, and what we can do.

I consider myself pretty hip to the green movement. I recycle. I turn off my lights when I am not home. I have compact fluorescent light bulbs in a few lamps.

I do my part, or so I thought. In a live presentation of Al Gore's "An Inconvenient Truth," John Mlade from The Climate Project noted that America emits more CO₂ per capita than any other country, making it the largest contributor to climate change. But — and here is the irony — we are the least likely to feel its effects.

During National Public Health Week, Katy Hinman from Georgia Interfaith Power and Light spoke about the moral imperative to address climate change. We need to take responsibility for our actions and acknowledge that we are negatively impacting others. It is kind of like second-hand smoking: innocent non-participants getting

sick off of someone else's action. This is second-hand climate change, with innocent countries getting sick off of our behavior. The countries that contribute the least are affected the most. Small island communities are feeling the effects of sea level rise and some islands are being abandoned all together. In the Andes, glaciers are melting rapidly and causing indigenous communities to wonder where their water source will be in the future. Storms are getting stronger, droughts are getting more severe, ecosystems are changing.

Also during National Public Health Week, we learned about the need for conservation and behavior change right here in Atlanta. Panelists from the University of Georgia, the Water Resource Institute and Georgia State University spoke about the Georgia drought and how its gravity is largely determined by how much water we all use.

The amount of rain we will have in the future is not something we can expect to be able to predict anytime soon. But we do know that the population will continue to grow and more and more people will be drawing from the same source.

If we all want to live here, we are going to need to be smarter about our water use. We, in America, are not accustomed to living without clean water, but if this trend continues, if we do not conserve, we may very well have dry taps in the not so distant future.

Looking ahead

By MICAH HAHN

And so we ended a week of creative, thought-provoking, and engaging events about the implications of climate change for our health. Now we have turned our attention back to the pressing issues at hand: thesis, finals, summer plans.

We will continue to emit carbon dioxide by taking long showers, leaving our lights on, and driving to school. But now we understand that these greenhouse gas emissions will also cause the average global temperature to rise. Now we know that this increase in temperature will have multiple impacts on our environment, our health, and the way the world looks by the time we have children. Now we are armed with the knowledge we need to educate the world. But is that enough?

Although understanding the connection between recycling, water conservation, alternative transportation and other environmentally friendly actions with climate change is the first step, actually integrating these habits into our lifestyles is essential if we are to claim that National Public Health Week was a success.

It is easy to print up flyers and gather a few speakers, which is why we like to do information campaigns. But the goal of public health is not just to educate the public about the consequences of behaviors; it is about changing behaviors. Why does this task seem so much harder when we are the ones who need to change

our lifestyles?

I have a million reasons that I should not bike to school — rain, dangerous roads, distance, hazards traveling at night, not enough time — all perfectly legitimate and adequate to justify my \$600 parking pass. However, in the spirit of National Public Health Week, I attempted the trek. I was nervous — I am not a great biker. I was pretty convinced I would not make it all the way to school, but gave it a shot anyway.

I had some time to think while I was riding, and I realized two things: biking with a friend and taking a break from the stresses of school and work was nice; and the feeling of accomplishment I had when I pulled back into my driveway that evening, sweating despite the cool temperature, was not something that I could get from making an "A" on a paper or getting into a Ph.D. program.

This is the time, when we are young, to take risks, challenge ourselves and define who we are. Do I really want to be someone who does not think about the impact of my actions on the planet? Do I want to be a consumer-culture machine driven by habit rather than the knowledge I possess? The thing is, these are questions that we each have to ask ourselves. National Public Health Week fostered education and integration of the wider Emory community into the work of Rollins School of Public Health and the issue of climate change. That last step — action — is up to each of us.

SOUNDBITES

Speaking of full democracy

"We cannot speak of full democracy when people are not able to participate and benefit from it because their health is threatened and all energy is focused on mere survival," said Nozizwe Madlala-Routledge, speaking as the Emory Global Health Institute's first Distinguished Visiting Fellow.

A current member of Parliament of the Republic of South Africa, Madlala-Routledge has led efforts to stem the HIV/AIDS epidemic and to promote peacekeeping as the primary role for South Africa's military.

Referring to former president Nelson Mandela, Madlala-Routledge said, "He urged us as parliamentarians, to remain true to the cause of serving our people."

— Robin Tricoles

Supernova debris rocked our world

Why should the average earthling care about how our solar system was formed?

"This is the story of how we got here and, it turns out, we are very much children of that process," explained Jeff Hester, an astronomer from Arizona State University, at a recent physics colloquium.

When a supernova exploded to form our solar system, it ejected "shrapnel" of aluminum-26, he said, adding that the heat from this radioactive isotope had a big impact on Earth's evolution, due to the "happenstance" of our planet's location.

"If it were not for all of the aluminum-26 in the early solar system," Hester said, "Earth would have more water than it does. The oceans would be many kilometers deeper and there would be no land."

— Carol Clark

Golden times back for Taiwan?

Taiwan's March 22 national elections turned it from a "carnivorous dragon" to a "vegetarian panda," said Lien Chan, former vice president of the Republic of China (Taiwan), at a lecture sponsored by the Halle Institute and the East Asian Studies Program.

The election, Lien said, is a victory for the U.S. and China because Taiwan was "hurt enormously" by its self-imposed isolation, stalled democratization and lack of relationship with the mainland.

For the past eight years, Lien said, the ruling political party aggressively advocated independence from China, which caused an economic downturn and mistaken interpretation of U.S. support.

Lien looks to a return to the eight golden years, from 1992, wherein a consensus with China made Taiwan peaceful, prosperous.

— Leslie King

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

Fusion! dances with energy

Emory students are fostering an exchange of ideas and culture through Fusion!, an innovative dance competition Tuesday, April 29, at 8 p.m. in Glenn Auditorium.

Tickets are \$5 and can be purchased at the Dobbs Center and at www.fusion-atlanta.org. Proceeds will go to help educate children in Kenya.

The exhibition phase of the show will feature 10 Emory performance teams, each fusing their own style with other types of dance and music. A special performance will feature two teams who created original choreography by incorporating each others' styles.

Specialized programming designed to educate and foster cross-cultural dialogue will augment Fusion!

Fusion! is organized and produced by Soku DeNova Records, a record company founded and operated by alumni Mike Li and Nagib Haque, a staff member in Emory's biology department, and sponsored by various campus organizations.

Voigt and Zeger join in concert

Tickets are still available for the rescheduled Flora Glenn Candler Series Concert featuring award-winning soprano Deborah Voigt and pianist Brian Zeger on May 3 at 8 p.m. in Schwartz Center's Emerson Concert Hall.

The program features songs by Amy Beach, Ben Moore and Leonard Bernstein, along with classical vocal works by Verdi and Strauss. The New York Times hails Voigt as "arguably the leading dramatic soprano singing today."

To exchange original tickets or to purchase new tickets, contact the Arts at Emory box office at 404-727-5050.

Asthma fund benefit May 20

An evening of celebration, fund-raising and entertainment benefits the first annual Brenda Wingo Asthma Fund on May 20.

Wingo, described as a "valued and dedicated member of Emory's Department of Emergency Medicine who worked tirelessly to support the department's educational mission at Grady Health System," died of an asthma attack in 2005.

The fund is dedicated to her memory and to support education, research and equipment needs for Grady asthma patients.

The event will be held at 5:30 p.m. at the Emory Faculty Office Building, Conference Room 101, 69 Jesse Hill Jr. Drive. RSVP by calling 404-616-6673.

Performing Arts

Tuesday, April 29

Fusion! Dance Performance. Emory's dance groups, performing. 8 p.m. Glenn Auditorium. \$5. 678-478-9411.

Friday, May 2

Rie Doi, winner of the Emory Prize, performing. Noon. Reception Hall, Carlos Museum. Free. 404-727-5050.

Saturday, May 3

Deborah Voigt, soprano, and Brian Zeger, piano, performing. 8 p.m. Emerson Hall, Schwartz Center. \$56; \$42 discount category; \$28 choral balcony; \$5 students. 404-727-5050. *Rescheduled from Jan. 19. Tickets from Jan. 19 not accepted.*

Sunday, May 4

Fieldwork Showcase. Community artists, presenting. 5 p.m. Dance Studio, Schwartz Center. \$7. 404-727-5050.

Religion

Sunday, May 4

University Worship. Thomas Long, Candler School of Theology, preaching. 11 a.m. Cannon Chapel. 404-727-6225.

Seminars

Monday, April 28

"Worksite Health Promotion: Replicating What Works." Ron Goetzel, Institute for Health and Productivity Studies, presenting. 10 a.m. 649 Rollins School of Public Health. 404-727-8889.

Tuesday, April 29

The Halle Institute Speaker Series: "Judicial Cooperation within Europe." Beate Merk, Bavarian State Minister for Justice, presenting. Noon. Jones Room. 404-727-7504.

"Indiana George: Reisner and the Rediscovery of Ancient Nubia." Peter Lacovara, curator of ancient Egyptian, Near Eastern and Nubian Art, presenting. 7 p.m. Reception Hall, Carlos Museum. Free. 404-727-6118.

Thursday, May 1

"Update on Critical Care Fellowship Program." Chad Ball, surgery, presenting. 7 a.m. Emory Hospital Auditorium. Free. 404-778-1903.

"Mechanisms of Kir1.1 K⁺ Channel Dysfunction in Bartter Syndrome and Progress Toward Disease Pharmacotherapy." Jerod Denton, Vanderbilt University, presenting. 9 a.m. 600 Whitehead Building. Free. 404-727-7401.

"Regulation of Deoxynucleotide Biosynthesis by the Cell Cycle and DNA Damage Checkpoint." Mingxia Huang, University of Colorado, presenting. Noon. Ground Floor Auditorium, Whitehead Building. Free. 404-727-5960.

"Laser Treatment for Varicose Veins Seminar." 6:30 p.m. Glenn Auditorium, Emory Crawford Long Hospital. Free. 404-778-7777.

Visual Arts

Wednesday, April 30

OPENING: 2008 Student Art Exhibition and Open Studios. 5:30 p.m. Visual Arts Building and Gallery. Free. 404-727-6315.

Now Showing

"Democratic Vistas: Exploring the Danowski Poetry Collection." Schatten Gallery, Woodruff Library. Free. 404-727-5050. *Through May 26.*

"Visions and Revisions: An Exhibition of Poems in Process From MARBL's Literary Collections." MARBL, Woodruff Library. Free. 404-727-5050. *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.*

Workshop

Tuesday, April 29

"Working Through Conflict." 8:30 a.m. 1599 Clifton Road. \$60 participant workbook. 404-727-7607.

SNAPSHOT



BRYAN MELTZ

Public health building taking shape

On May 30 at 11 a.m., Emory officials will lift shovels to break ground for the Claudia Nance Rollins Building for the Rollins School of Public Health. Projected to open in 2010, the building will be located behind the Grace Crum Rollins Building and linked to that building via a pedestrian bridge. The school has tripled its number of students, faculty, and research dollars since its first building opened in 1995, and the new building will consolidate classrooms, labs and offices, adding more than 190,000 square feet of space to the school.

Emory Vaccine Center events highlight 'Week of Hope'

The Emory Vaccine Center will host events in support of international HIV Vaccine Awareness Day, May 18, in cooperation with Action Cycling Atlanta, the NAMES Project Foundation/AIDS Memorial Quilt, SisterLove Inc., National AIDS Education and Services for Minorities, and Hopewell Baptist Church. This year the widely varied Atlanta activities will span the week.

Saturday, May 10

Hope Springs Eternal 5K. 9 a.m. Main Pavilion, Decatur Square. \$25-\$30. *Registration before May 7 for \$25 at www.active.com or www.rungeorgia.com. Register the day of from 8 to 8:45 a.m. at the Main Pavilion for \$30.*

May 12

Educational Lunch on HIV Treatment. Ian McMillen, presenting. 11 a.m.-1:30 p.m. Holiday Inn, Decatur (130 Clairmont Avenue, Decatur, Ga.). Free. *Lunch will be served.*

"The Normal Heart" Theatrical Reading. Mitchell Anderson ("Party of Five"), Dan Butler ("Frasier"), Peter Paige ("Queer as Folk"), and Amanda Bearse ("Married with Children"), reading. Amanda Bearse, directing. 8 p.m. *For more information, visit www.actioncycling.org or www.xorbia.com/tickets/heart.*

May 14

"Hope in Our Soul" Symposium. 9 a.m. Hopewell Baptist Church (182 Hunter Street, Norcross, Ga.) Free. 877-424-4673 or 404-712-9000. *Reservations requested by May 9.*

May 15

FILM: "The AIDS Chronicles: Here to Represent." 7 p.m. SisterLove, Inc. Mother House (1237 Ralph David Abernathy Blvd., Atlanta, Ga.). Free. 404-505-7777

May 17-18

Action Cycling 200 Bike Ride. The Depot to Rock Eagle 4-H Center and back. *Riders depart at 7 a.m. May 17 from The Depot and stay overnight at Rock Eagle 4-H Center before returning to The Depot May 18 for a celebration barbeque. www.actioncycling.org.*

For more information on the "Week of Hope" events visit: http://whsc.emory.edu/news_weekofhope.cfm#RUNWALK