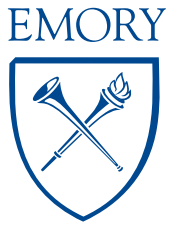


Emory Report



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www.emory.edu/EMORY_REPORT



Bryan Meltz

Vanaye Kelley and other students from Milwaukee, Wis. prepare for an upcoming debate at the Emory National Debate Institute, a two-week summer intensive program run by the Barkley Forum that brings more than 360 students from across the country to Emory. Milwaukee is the site of the 20th Urban Debate League, a national urban education reform movement founded at Emory in 1985.

BARKLEYFORUM

National debate camp means more than words

BY BEVERLY CLARK

Vanaye Kelley likes to talk—a lot. The rising 10th grader from Milwaukee, Wis. found the perfect outlet for her energy during the past two weeks at the Emory National Debate Institute (ENDI), an annual program that has spread the gospel of debate as a teaching and learning tool to school systems nationwide for 39 years.

“My friends told me it would be boring, but they’re wrong. They said I’d be missing out on a lot of fun, but education is going to get you more places in life than spending time on the street,” said Kelley, whose competitive energy was evident behind her raw skills last week in one of her first debates.

The institute is a centerpiece of Emory’s debate program, known as the Barkley Forum, and attracts both

private and public school students who come to hone their debate skills.

More than half of the ENDI students come from Urban Debate Leagues (UDL), a national urban education reform movement founded in 1985 as a partnership between the Barkley Forum and the Atlanta Public Schools that has spread to cities across the country. Kelley was part of a contingent of 135 students and teachers from the recently formed Milwaukee UDL—the 20th city to join the movement.

More than 360 middle and high school students and teachers from 17 states participated in ENDI. This year’s institute included a residential program on the Emory campus, day programs for middle schoolers at Pace Academy and another at Benjamin S. Carson Honors Preparatory School for

See **BARKLEY FORUM** on page 4

ALTERNATIVE TRANSPORTATION

N. DeKalb Mall Park-n-Ride shuttle kicks off

BY DAVID PAYNE

Emory has taken a bold step forward to expand its alternative transit options for commuters who currently drive to campus. On Monday, June 19, the University opened the first of several future Park-n-Ride lots at North DeKalb Mall and began shuttle service directly from the mall to campus.

Both the Park-n-Ride lot and shuttle service are free and available to anyone who wants to use them.

“This first Park-n-Ride lot is located strategically for many Emory commuters and will be particularly useful for commuters who currently use Lawrenceville Highway and the Stone Mountain Freeway as they approach Emory,” said Laura Ray, associate vice president for transportation and parking.

Ray said she is encouraged by the early interest in the new Park-n-Ride shuttle service.

“Not only is this going to ease the hassle of commuting for a few hundred Emory employees, but it also is another step toward reducing traffic along the Clifton Corridor and improving the quality of life for Emory and the community

at large. It begins a new era in the transportation Emory will provide,” she said.

Park-n-Ride shuttle buses will run approximately every 20 minutes from 6:30 a.m. until 7 p.m. (except midday between 11 a.m. and 1:30 p.m., when they will run every 40 minutes). If an employee works late unexpectedly after 7 p.m., an escort service is available to bring commuters from Emory directly to their cars.

For a complete shuttle schedule, visit www.epcs.emory.edu/alttransp/route_PNR_NDeKalb.htm.

The 200 parking spaces reserved for commuters at North DeKalb Mall are identified with Emory Park-n-Ride signage and located in the northeast corner of the mall parking lot bordered by Lawrenceville Highway and North Druid Hills Road, near Macy’s. Commuters can also access these spaces from Stone Mountain Freeway/U.S. Highway 78 as they pass North DeKalb Mall.

This lot is monitored by mall security as well as Emory parking security services.

Shuttle service takes commuters nonstop from the Park-n-Ride lot to Woodruff Circle, in front of Emory Hospital. Woodruff Circle is envisioned as an expanding primary



Bryan Meltz

Left to right: Randy Wilson, Laura Ray, Jean Saint-Dic and Anthony Lemmons rose bright and early Monday, June 19, to take the first North DeKalb Mall Park-n-Ride shuttle.

nexus or hub for shuttles on campus.

The new shuttle routes are expected to be particularly useful for commuters who can walk to their jobs from Woodruff Circle. Other existing shuttle service from Woodruff Circle is available for those who work along the Clifton Corridor, such as the Center for Disease Control and Prevention, Children’s Healthcare of Atlanta and the American Cancer Society.

“There will be a cumulative positive effect on the overall traffic along the Clifton Corridor with these new transit options,” said Ray. “When fully utilized, this Park-n-Ride will elimi-

nate 200 vehicles from campus. That’s the equivalent of removing double the number of cars in the University’s Boisfeuillet Jones parking lot from campus.”

Prior to the increase in parking rates scheduled for Feb. 1, 2007, the expanded shuttle fleet represents a cost-free commuting option for employees that will encourage them to leave the driving to Emory.

The North DeKalb Mall lot is the first of several to open. Additional Park-n-Ride shuttle service will be offered at Northlake Mall and South DeKalb Mall. Both locations

See **PARK-N-RIDE** on page 5

CAMPUSPLAN

Clifton Road project begins next summer

BY RON SAUDER

The longest journey begins with a single step.

The 10-year march toward Emory’s capital projects that underpin the strategic plan, including up to 10 new undergraduate residence halls, several science buildings, a new theology complex, a new Emory Clinic and a new Emory University Hospital, has begun.

The first element of the new healthcare complex will begin in the summer of 2007, with the demolition of the Turman Residential Center at 1770 Haygood Drive. The 1964- and 1982-vintage buildings have not aged well and need either massive renovation or replacement, says Vice President for Campus Services Bob Hascall. The decision to remove them sets the table for many ensuing changes, all of which are designed to support Emory’s vision while keeping the clinic and hospital operations running like clockwork for faculty, staff and patients during the period of major construction.

“This is an exceedingly interesting project for the University and Emory Healthcare, both because of the project’s scale and because of the intricate staging

See **CLIFTON PROJECT** on page 4

AROUNDCAMPUS

Ideas on improving Clifton Corridor?

The Clifton Community Partnership (CCP) has launched a new, interactive Web site to generate dialogue, share ideas and information, and post notices of upcoming events and projects.

The goal of the CCP is to encourage vitality and vibrancy throughout the Clifton Corridor by focusing on activity centers (entertainment, shops, restaurants); transportation choices that provide alternatives to single occupancy vehicles; pedestrian-friendly streetscapes; and housing options that allow people to live closer to campus.

This site provides interested parties an opportunity to share ideas and collaborate about what is working and what needs improvement along the Clifton Corridor. Log on and share your thoughts: Visit www.cliftoncommunitypartnership.org.

Award for Excellence in Scientific Research ceremony June 28

Marc Chimowitz and William Kelly are this year's recipients of the Albert E. Levy Scientific Research Award recognizing excellence in scientific research.

Each year, two of Emory's faculty members, one junior and one senior, are selected by the University Research Committee to receive the awards.

The ceremony, at 3:30 p.m., on Wednesday, June 28, in the School of Public Health Rita Rollins Room, will feature talks by the recipients specific to the scientific contributions for which they are being awarded.

Chimowitz will speak on "Advancing the Treatment of Intracranial Arterial Stenosis," and Kelly will speak on "Mechanisms of Germ Cell Repression in *C. Elegans*."

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FIRSTPERSON MARY LOFTUS

Of hybrids and hydrangeas



Mary Loftus is associate editor of Emory Magazine, and lives in Lilburn with her husband, two kids, a Border Collie mix, four cats and a cockatiel.

The President drives a hybrid, just like me. No, not George W. Bush—James W. Wagner. I know this because people have seen him wheeling down N. Decatur in his spiffy silver Toyota Prius, parking in his reserved space at the Administration Building, and hopping back in to drive home to Lullwater.

Senior Vice President and General Counsel Kent Alexander also drives a Prius, although his is more of a champagne color, according to my sources.

I don't have a reserved parking space, but I do have a hybrid—a metallic blue 2006 Toyota Highlander Hybrid that averages 30 miles to the gallon. Not bad for a car that can carry a whole Brownie troop.

Even better than its efficiency and utility is the fact that, for the first time in my motoring life (which historically has found me behind the wheel of a second-hand Toyota hatchback, a stripped-down Altima, and a couple of minivans), I am driving a cool car. I know this because people point to it in parking lots. A co-worker asked to test-drive it over lunch. A parent at my daughter's school genuflected in front of it and said, "I am not worthy." And an alumna's husband ventured to ask if he could look under its hood while I interviewed his wife.

Hybrid sport utility vehicles are the Lamborghini of the suburban set, the station wagons of the sustainability brigade, the minivans of the Gaea millennium. I wish that, like VW bugs, they came with built-in bud vases where I could place fresh daisies and hydrangeas.

Hybrids are the way SUV-driving suburbanites say, "Yes, I've read all of those alarming articles on global warming, and I've seen that lonely polar bear on the one ice flue left in Antarctica, and I've thought longitudinally about the seventh-generation principle, and I have switched to energy-saving compact fluorescent light bulbs in my home just like Laurie (Mrs. Larry) David asked me to."

And since my Highlander seats seven, counting the little pop-up row in the rear, I can look conscientious without actually sacrificing any convenience.

Extra seats and lower emissions to boot!

Gas-electric hybrids are all about compromise—they save gasoline because they have smaller engines that operate on both gas and electricity stored in a battery, but they don't need to be plugged in because the motor doubles as a generator.

The superior environmental choice, of course, would be electric cars that operate solely on battery power. But they still need to be plugged in frequently because batteries pack a lot less power per pound than gas; it would take a thousand-pound battery to store as much energy as one gallon of gas.

Hybrids, like the perfect relationship partner, even anticipate their own needs—they draw energy from the battery to accelerate the car, or slow the car down and return energy to the battery. In effect, my hybrid recharges itself every time I brake or even take my

Hybrids, like the perfect relationship partner, even anticipate their own needs—they draw energy from the battery to accelerate the car, or slow the car down and return energy to the battery.

foot off the gas.

The best part is that the Highlander Hybrid is rated as a Super Ultra Low Emissions Vehicle, releasing 80 percent fewer smog-forming emissions into the environment than conventional SUVs.

And now for the ugly truth: Lower emissions are important because I commute nearly 40 miles roundtrip to work every day.

I'm not proud. I've seen the bumper stickers that say, "Commuters Go Home." I've experienced Highway 78 during a rainstorm behind a three-car pileup. I've exceeded my free cell-phone minutes chatting during traffic jams.

It's not that I don't want my job and my home to be in close proximity to one another.

My ideal would be a quaint bungalow in Decatur where I could walk my Border Collie over lunch, hang out at the Brickstore Pub, and have urban backyard chickens, like my friend Allison Adams of the *Academic Exchange*—who bikes to work on most days.

The benefits of my hybrid, sadly, wilt in comparison.

But I have logistical problems, like a limited budget, a house in the 'burbs, two kids who love their public (read: free) schools, and a husband with an office near Perimeter Mall.

So long Brickstore, hello suburbia. The land of big lawns, finished basements, and Bush-Cheney campaign signs without slashes or sarcastic slogans. This is my current half-acre lot in life.

Car-pooling is out of the question with my flex-time schedule and deadline writing jags.

So, barring a bus (or better yet, a San Francisco-style trolley) that picks me up at my corner and delivers me to a MARTA station, or the early arrival of the Brain Train, I knew I was stuck driving myself to work for a while longer.

With gas hovering near \$3 a gallon and my dilapidated minivan cruising past the 100,000-mile mark, I was highly motivated to find a ride to work that was easy on my conscience and my checking account.

I understand that driving is still a bad choice compared to walking, biking or mass transit, and look forward to a day when my regular routine allows for more of the latter, less of the former.

And, if I had momentarily

forgotten that my eco-gesture is a relatively tiny one, there's always my dad, the realist, to remind me.

"I got a hybrid!" I announced to him on the phone a few weeks ago.

"It won't help," he replied.

"Oh, come on, it'll help a little," I said.

"Nope. Too little, too late.

Even if everyone you know got a hybrid. Even if the whole world got hybrids, and cut fossil fuel consumption by half. OK, well, that might help. But *only* if that happened."

Still, I love my hybrid.

The way it turns off at stop signs and traffic lights then glides forward with that smooth electric golf cart sound. The nifty little diagram on my dash that shows when energy is flowing from the battery to the engine, or from the engine to the battery. The less frequent trips to the gas station, since I only have to fill up once a week instead of twice. The more frequent requests of, "Can we take your car?"

And I know that one day, when I cross paths with President Wagner on the Clifton Corridor or Vice President Alexander maneuvering out of a parking space by Everybody's Pizza, we will nod in recognition, one hybrid driver to another.

Even if I *am* only leasing.

EMORYVOICES

What do you think of the N. DeKalb Mall Park-n-Ride?



The first day was good. I was really looking forward to it. It's very convenient. As long as the Park n' Ride is available, I will continue to use it.

Maria Jenkins
acquisitions & bindery
Health Sciences Library,



It was wonderful! It actually took me *less* time to get here than driving in, parking and walking, or taking a shuttle from the parking garage. I feel so fortunate to have a public transit option at last.

Bonita Feinstein
leukemia research nurse
Winship Cancer Institute



It is a great idea and I have told everyone in my office to use it. I will continue to use this service on a daily basis.

Tyhuna Tyree
receptionist
Undergraduate Admissions

EMORYPROFILE MAUREEN KELLEY

International hero



Kay Hinton

By
Eric
Rangus

As a recipient of one of the coveted *Atlanta Business Chronicle* Health-Care Hero awards Maureen Kelley isn't necessarily the type of hero you would see on the cover of *Life* magazine, although some expecting mothers would disagree. As a clinical associate professor in the Nell Hodgson Woodruff School of Nursing, Kelley is an internationally-recognized educator in nurse midwifery.

One of many landmark programs Kelley has instituted, The Centering Pregnancy program provides a group approach to prenatal care by bringing together up to 10 women for midwife-facilitated sessions where health assessment, education and support are stressed.

Nestled at the front of her desk among the clutter of Maureen Kelley's third-floor office in the Nell Hodgson Woodruff School of Nursing is a roughly 8-inch-high block of etched glass attached to a wood base.

Upon closer inspection, the etching in the glass reads *Atlanta Business Chronicle* 2006 Health-Care Hero. The award is angled so that its front points directly at Kelley's doorway.

In Kelley's unassuming world, this qualifies as boastful.

"It was a great honor," said Kelley, clinical associate professor in the Nell Hodgson Woodruff School of Nursing. An internationally recognized educator in nurse midwifery (she also is chair of family and community nursing in the nursing school and previously served as director of Crawford Long's nurse midwifery service), Kelley has spent more than 20 years on Emory's faculty. She not only has instituted innovative prenatal-care health programs at Emory, but also assisted organizations in other nations to develop their health care delivery mechanisms.

The Health-Care Hero awards are presented annually by the *Atlanta Business Chronicle* to recognize outstanding achievements in the field of medicine. Often, award recipients are the behind-the-scenes professionals who rarely make headlines. Kelley received the 2006 award for Allied Health Professional, which honors individuals in ancillary professions such as nursing or physical therapy.

While the Health-Care Hero award has spread Kelley's name and work outside the Emory campus, her accomplishments have long been known in the nursing school.

The Centering Pregnancy program, which she instituted

while at Crawford Long, is a landmark program that provides a group approach to prenatal care by bringing together up to 10 women (and often their partners) for midwife-facilitated sessions where health assessment, education and support are stressed.

And last year, Kelley was named to Independence Chair in Nursing, which is endowed by the Independence Foundation of Philadelphia to build the capacity of nursing to serve vulnerable populations and develop nursing practice and scholarship.

These are just two of the reasons Kelley was nominated for a Health-Care Hero award. The May 25 award ceremony is perhaps akin to the Academy Awards. Winners aren't announced until the evening the awards are handed out. Before each award is presented, the nominees' photos are beamed onto a large screen and their bio is read. When all that's done, an envelope is opened, the recipient named, then said recipient weaves through the crowd, ascends the stage and collects her or his award.

Aside from the dramatic presentation, winning one of the prestigious awards is enough to swell the head of even the most deferential person, but Kelley keeps things in perspective.

"Everyone who is nominated does amazing work—every single person they named in every single category," said Kelley, who earned her BSN from Creighton University, a master's in maternal child nursing from the University of California, San Francisco, a midwifery certificate from the Downstate Medical Center in Brooklyn, N.Y., and a Ph.D. from the Medical College of Georgia.

Perhaps, but this year it

is Kelley's turn to be recognized—not that her excellent work is anything new. After spending the first part of her career focused on her specialty of nurse midwifery, about six years ago she took an international trip that shifted her focus somewhat and has taken her to destinations ranging from Jamaica to Russia.

On that first trip—to Ethiopia, where Kelley helped train local midwives—she stretched herself in a lot of ways. And it's that sort of experience she tries to instill in the Emory nursing students with whom she works.

"It's a transforming experience to put students in a situation with which they are unfamiliar and ask them to think about social justice and health care delivery issues in a different context," Kelley said. "It's just an amazingly enriching experience for everybody."

Each spring, Kelley hosts an alternative spring break where she leads a group of 10 to 15 nursing students who work with a missionary center in Jamaica that cares for physically and mentally handicapped children and adults.

Although Kelley said the brothers run the center in such a "joyful" way that much of the place's inherent depression (some children as old as 9 are confined to cribs) is softened, the difficult conditions can be challenging for the students.

Kelley has stacks of student journals illustrating this point, and her stories about former students are fascinating.

One student wrote that she was initially scared and uncomfortable, but by the end of the week she wrote that "through this experience, I learned about caring for people—in those moments when you are holding someone's hand—those are the times that we truly make a difference."

"Part of the initial reaction is fear," Kelley said, adding that overcoming that fear, as the student did, is an important learning experience, and there is no reason to be ashamed. "But she was able to look very deeply into herself. That was amazing."

Honing that ability to look into oneself is a goal Kelley tries to help her students accomplish.

"At first you're just shocked at what's going on, then you are angry," Kelley said, describing the emotional path her students take while staffing the clinic. "Students ask, 'How can this be happening to people who are human beings?'"

"Then they come to an understanding about it during the week, and that understanding continues after they leave. One student wrote 'the brothers treated people by treating their spirit and providing love and support. They showed us that we all possess these very powerful tools and that these tools can have a huge impact on the human spirit and the healing process.' These students are different people after having this experience and it's a privilege supporting them through it," she said.

Another of Kelley's international efforts is the Balashikha Project, which takes her to the outer suburbs of Moscow as part of an international project to address significant public health challenges in Russia. Birth rates there are declining. Life expectancy for men is dropping. The population as a whole is aging. Kelley said the goal of the Balashikha Project isn't to encourage Russian women to have more babies, but rather to ensure that the babies who are born are much healthier.

Through Kelley's work (collaborators include the World Health Organization, the

Center for Disease Control and Prevention, Emory School of Medicine and Future of Russia Foundation), the hospital at Balashikha has been transformed from a basic hospital to a perinatal center. Perinatal centers offer referrals and treatment for high-risk mothers and critically ill newborns, and Balashikha is quickly becoming an important destination for midwives and for women who may have difficult pregnancies.

While the technology available at Balashikha is state of the art, at least as important, Kelley said, is the family-centered care women are now receiving.

The approach at Balashikha is to treat childbirth as a natural event and that nurturing a woman properly—particularly a new mother—is a crucial part of their well-being.

"Women won't be isolated in labor; they have someone with them who cares about them," Kelley said, listing some of Balashikha's planned innovations—none of which are unfamiliar to mothers in the United States. "Prenatal education for couples has recently been initiated. Labor, delivery and recovery rooms are being built. The doctors and midwives are excited about offering this type of patient-centered care to pregnant women in their area."

Kelley's next international trip is a slightly more personal one. In mid-July, she will be taking a mission trip to Guatemala, where she will help staff a health clinic as well as meet with many of the area's midwives.

"No one who knew me when I was 20 would think that I would be in Ethiopia [or Russia] when I was 50," Kelley said. "But life presents you with opportunities and this has been a wonderful one."

COMMUNITYNEWS

Improved traffic lights trim time, stress

BY NANCY SEIDEMAN

Don't worry about speeding up to make that green light.

Through a coordinated effort between Emory and DeKalb County, traveling on several roads around Emory will soon be easier. Beginning in April, you likely noticed a positive change in traffic patterns thanks to a collaboration between Emory and DeKalb County that has significantly reduced travel time within six major corridors in the Clifton community.

Working with the county, Emory engaged the consulting services of GCA, Inc. to develop and implement new timing plans for 33 signals within an area bounded by Lavista Road on the north, Clairmont Road on the east, North Decatur Road on the south and Briarcliff Road on the west.

The consultants conducted travel time studies on typical weekdays during three peak times (morning, noon and afternoon). Based on the findings, the consultants worked with the county to implement

new signal plans and install equipment upgrades. As a result, a comparison study in April revealed significant overall improvements:

- **31 percent reduction in average travel time;**
- **40 percent increase in average trip speed;**
- **55 percent reduction in average delay time; and**
- **55 percent reduction in average stops.**

For example, afternoon peak travel time eastbound between the intersection of North Decatur/Haygood and North Decatur/Webster was shaved by nearly five minutes—as was travel time southbound on Clifton Road between Briarcliff and North Decatur.

The consultants estimated that motorists traveling in the six corridors during these peak times will save nearly 327,000 hours and about 196,000 gallons of gas each year. Reducing idling time and acceleration cycles also decreases the release of air pollutants.

Emory and DeKalb County will continue to work together to monitor travel flow and make quick adjustments as needed.

CLIFTON PROJECT from page 1

and sequencing that will be involved,” said Michael Mandl, executive vice president for finance and administration. “Peer universities have proved that major additions and renovations to academic medical centers can be accomplished while maintaining normal clinical operations. We will benefit from their experiences and introduce a few new wrinkles of our own.”

John Fox, CEO of Emory Healthcare, added that, “the trustees have made it clear that we must proceed through this process in a deliberate step-wise fashion with periodic reality checks on funding, feasibility and advisability. We will always be planning many steps ahead, but our ability to get to the end depends on world-class execution at every stage. Convenient and accessible transportation for our patients, doctors, nurses and staff will be job one, and that’s where we are starting.”

With the Turman checkers removed from the board along Haygood Drive, space will be cleared for construction of a new 720-space parking deck. That deck, in turn, is expected to be available to support the clinic and hospital needs by summer 2008. It will be connected by a pedestrian tunnel to the eventual site of the new clinic and hospital on the east side of Clifton Road.

The new spaces will be needed to replace parking which will be lost, in the physicians and Scarborough parking decks and in one-third of the Lowergate deck beginning in 2008, when site preparation is scheduled to begin for the new clinic.

“That will be step two,” said Fox. “First we get step one right.”

“We are building a world-class University, including facilities for transforming health and healing in the 21st century,” said Michael M.E. Johns, CEO of the Woodruff Health Sciences Center and chairman of Emory Healthcare. “That new model of healthcare depends totally on our ability to provide a new level of convenience, satisfaction and quality for patients. That in turn hinges on our ability to work in more highly-integrated teams of doctors, nurses, staff and allied health professionals. Everyone is important, and we are paying heightened attention to the everyday logistical needs everyone must solve to be effective at their jobs.”

Turman residence halls currently house nearly 600 undergraduates who will be accommodated elsewhere, including the first new freshman residence hall and Clairmont Campus, beginning in the fall semester of 2007. The name of Pollard Turman—an Emory alumnus, Sports Hall of Fame member, and long-time trustee of the University—will continue to be honored with the naming of the first new residence hall in the Freshman Village, now under construction next to the Dobbs Center.

Emory officials emphasize that all of these projects, while approved conceptually as part of the master plan, must still come back to the board for architectural design and funding approval. Step by step.

Goddess of love finds her head



Special

Someone should have told Aphrodite, the Greek goddess of love, to follow her heart but not to lose her head in the process.

Lucky for Aphrodite, the Michael C. Carlos Museum will help her—or at least a statue of her—find her head again.

After submitting the winning bid for the rare and beautiful marble sculpture at a Sotheby's auction earlier this month, the museum discovered they could purchase the head—which had been separated from the body—from a private collector.

The acquisition ensures the statue will be complete and on public view for the first time in possibly 170 years.

“This is a historic acquisition. Through the extraordinary generosity of Mrs. Michael C. Carlos, Emory has acquired the most complete version of the Capitoline Aphrodite in the United States and one of the loveliest of this type in the world. The statue is an icon of Greek art—indeed of Western art in general,” said Jasper Gaunt, curator of Greek and Roman art at the Carlos.

The Aphrodite sculpture first appeared in a published art catalogue in 1836. At that time it still had its head, which subsequently became detached under unknown circumstances. It was in researching the statue that Sotheby's specialists recognized that, by coincidence, the head had been sold in a 2002 auction. When contacted, the owner of the head agreed to sell it to the successful bidder so the statue again would be complete.

Upon arrival in Atlanta, Carlos conservator Renée Stein will examine the pieces to assess their structural and surface conditions, and clean them. A plan then will be devised for reuniting the head with the figure. The museum will announce a date when the complete sculpture will go on view in its galleries of Greek and Roman art.

BARKLEY FORUM from page 1

students living in Atlanta Housing Authority communities. That UDL program in particular was wildly popular and drew twice as many students than expected.

Since its founding, UDL has successfully reached thousands of inner-city middle and high school students. More than 300 schools now have chapters, and the movement represents the most explosive growth in high-school debate in the 69-year history of the National Forensic League.

“UDL is ultimately a vehicle to provide a quick, competitive way of giving kids incentive to build critical thinking and research skills,” said Melissa Maxcy Wade, director of forensics at Emory and the godmother of urban debate. “There are 40,000 students involved in urban debate today; we want to make it 10 million and bring it to every kid who can benefit from it.”

Wade and her team of dedicated debate coaches, many of them products of UDLs, have a missionary's zeal for spreading the profound benefits of debate training: increased verbal, analytical, research and critical thinking skills; greater confidence; higher grades; fewer discipline issues; and offers of college scholarships

(more than 100 colleges and universities recruit students in UDL populations for college debate scholarships).

Like the accomplished debater and coach she is, Wade has the facts to back the claims. Three years of statistics from Carson Prep's Computer Assisted Debate program, which has reached 184 students, show that debate participants had substantial increases in reading scores with many moving as much as three grade levels in nine months, and an 82 percent decrease in discipline referrals. The White House also selected the Computer Assisted Debate project as a signature program for the Helping America's Youth Initiative this past year.

Southside High School student Robin Ayers is a product of the Carson program and the Atlanta UDL. Wade said Ayers is emerging as one of the best urban debaters she has ever seen, and is in a sense the face of the future for competitive debate.

Ayers seems shy and reserved until she hits the makeshift podium during an ENDI practice round. After taking a deep breath, she lets it rip, words flowing in a torrent as she builds her case and picks apart the argument of the opposing team.

Elegant rhetoric isn't part of the formula; it's about speaking

as clearly and quickly as possible. The faster you talk, the more facts you can build into your argument.

Ayers and her ENDI debate partner Ayanna Ingraham, a student at DeKalb County's Stephenson High School, both said debate has helped them learn new things, kept them on track with academics and taken them out of their communities to meet new people from different backgrounds.

The young debaters of ENDI head back home with stronger debate skills, but also a better understanding of each other. The institute's long, intense days are as much about molding new and experienced debaters as it is about breaking down barriers, said Wade.

“Mixing them up together is hugely important. Students from diverse backgrounds work as teams—cooperation that allows them to become friends around a common task and gain respect for one another. The suburban kids and inner-city students learn that their preconceived notions about each other are usually completely wrong. It doesn't matter where you're from; it's about working hard together for a common goal,” she said. “Through debate, we are opening up the conversation across the socioeconomic divide.”

CAMPUSPLAN

Emory Village renovation inches closer to new identity



The rendering of a proposed Emory Village facelift shows an inviting, pedestrian-friendly facade. The Alliance to Improve Emory Village hopes that plans like this and other renovations, such as a traffic roundabout and removal of diagonal parking on North Decatur Road, will begin soon.

BY MICHAEL TERRAZAS

From one perspective, the changes that will start happening soon in Emory Village are six, maybe seven years in the making. But for some people, the re-imagining of the small commercial area has been overdue for much longer than that.

"I think the first attempted plan to improve Emory Village was made over 30 years ago, and they could never get it to work—they could never get everyone to agree to it," said Stuart Meddin, owner of several commercial properties in the village and co-chair of the Alliance to Improve Emory Village (AIEV), founded in 1999. "A lot of people have lived in this community for that long or longer, and they're thrilled. They're saying, 'It's finally happening.'"

By now, what is in store for Emory Village is common knowledge: a traffic roundabout in the main intersection; improved streetscapes that are inviting to shoppers and pedestrians; removal of the diagonal parking along North Decatur Road; and, eventually, construction of mixed-use retail and residential space, along with off-street parking facilities, that together will breathe new life into an underperforming, potentially vibrant center of activity.

Originally, the traffic roundabout was to be the first domino, as plans called for construction to begin this summer. But the approval process among all the private, local and state agencies involved has taken longer than expected, and now the best guess is that work on the roundabout will start next spring. Hector Morales, a former project manager at Emory who now serves as senior project manager at Silverman Construction (hired by DeKalb County as the lead contractor for village renovations), acknowledged that progress has not occurred at the pace AIEV and the University wanted, but he said there were hurdles that had to be cleared.

"There's a development

process that has to occur whenever you have federal monies," said Morales, referring to a \$2 million Livable Centers Initiative (LCI) grant through the Atlanta Regional Commission, which he said was matched by \$500,000 from the county. "We had to essentially prove that we're not impacting the historical nature of Emory's entrance [at Dowman Drive], and there was a lot of paperwork that had to be filled out and a lot of studies that had to be done."

But what could happen sooner than the roundabout also will have a significant effect on aesthetics: burying the village's utility lines underground, a development Meddin called "fabulous."

"It is being done because of Emory," Meddin said, explaining that the utility relocation's costs cannot be paid for out of the LCI grant, so Vice President for Campus Services Bob Hascall negotiated a deal with Georgia Power to complete the project.

Morales said the final scope and schedule of the utility relocation is still being developed. It will necessitate some short-term pain as lanes occasionally will have to be closed along North Decatur and Oxford roads on both sides of the main intersection.

Indeed, once the jackhammers start going, life at Emory's main gate will get more interesting, as the University also plans to completely rework the Dowman Drive entrance in conjunction with the roundabout construction. Dowman will be turned into a one-way, entrance-only road, paved over with red brick to match Emory's other pedestrian-friendly thoroughfares. The road will be rerouted to once again pass under the historic Haygood-Hopkins Gate, with its stately, sturdy marble signage that marks the University's front door. All parking along Dowman up to South Kilgo will be removed.

"We're going to enhance the pedestrian aspects and appeal of that area," said University Architect Jen Fabrick. "The whole entrance to the University will be upgraded."

Fabrick said the Dowman Drive project likely will start before the roundabout construction. Once the traffic and streetscape improvements are done (or, at least, well under way), that is when investors are likely to look harder at the village. As explained in a May 24 public meeting, AIEV is attempting to have a "zoning overlay" placed over all of Emory Village—circumscribed as the area along North Decatur from the bridge over Peavine Creek to the Bank of America, and along Oxford from the Georgia Power substation to 1463 South Oxford—to allow for the kind of mixed-use redevelopment it wants, and also to impose standards on storefronts and property uses.

Meddin acknowledges that the vacant properties (several of which belong to him) are an unfortunate blight on the current landscape, but he said some could be occupied as early as this fall, and at any rate he is focusing on the village's long-term future.

"People come up to me and ask, 'Don't you want [those empty properties] occupied?' Of course I do," Meddin said. "But I'm more concerned that the appropriate mix of retailers and restaurants exists in Emory Village over the next five, 10, 15 years. We're talking to people who will be a great mix of retailers and restaurant people, and they're savvy enough to understand that yes, it's going to be a hassle for six or 12 months while it's under construction, but they really want to be there when it's done."

AIEV's website (www.emoryvillage.org) contains a downloadable report produced by Peter Drey & Co. that outlines the design standards and business restrictions it hopes to establish for the village (right down to the species of trees, both small and large, to be planted along the streetscapes), but consultants and AIEV officers at the May 24 meeting were quick to add that everything at this point is merely a draft. All plans must be publicly vetted before DeKalb County gives its seal of approval.

HUMANRESOURCES

Employees offered new way to save for retirement

Beginning July 1, 2006 the Roth 403(b), an after-tax retirement contribution plan, will be available to Emory employees. This new way to contribute allows employees to pay taxes now on the money they set aside instead of at the time of withdrawal. An employee can withdraw contributions—plus any earnings—tax free after the account has been open a minimum of five years and the employee has reached age 59½.

Unlike the Roth IRA, there are no income restrictions on contributing to the Roth 403(b) if an employee is eligible to make pre-tax contributions to the traditional 403(b). Additionally, an employee may make contributions to the traditional 403(b) as well as to the Roth 403(b) as long as the combined contribution amounts do not exceed the total IRS contribution limit for that year. (For 2006, the limit is \$15,000 or \$20,000 if the employee is 50 or older.)

The Roth 403(b) is a great benefit for those employees who are far from retirement, as it gives them longer to accumulate tax-free earnings. It is also beneficial to those highly compensated employees who are not eligible for Roth IRAs, and for those who wish to leave tax-free money to their beneficiaries.

Starting July 1 Fidelity and Vanguard will offer the Roth 403(b). (TIAA_CREF will offer it later in the year.)

To assist employees in learning more about this option HR is hosting Roth 403(b) Information Sessions:

• **Fidelity:** Tuesday, June 27, 9–11 a.m. and Thursday, June 29, 2–4 p.m., Room 201, Nursing School

• **Vanguard:** Wednesday, June 28, Noon–2 p.m., Room 201, Nursing School

If you have any questions, contact the benefits office at 404-727-7613.

New employee orientation revised

Starting July 10 the new employee orientation program for staff will be revised. Orientations will now be held on Mondays instead of Tuesdays and will be located in the Rita Anne Rollins Auditorium at the Rollins School of Public Health. The change was made to accommodate schedules, provide more parking and to allow more participants to enroll in a timely manner.

Additionally, at the July 10 session there will be a new component of the program—a 30-minute shuttle tour of campus during which a historical overview will be presented.

Orientation is 8 a.m.–12:30 p.m. For more information, contact HR at 404-727-7611.

Faculty Staff Assistance Program is moving

On July 7, the Faculty Staff Assistance Program (FSAP) is moving from its current location in the Well House to their newly renovated space at 1762 Clifton Road. Services will begin at the new location Tuesday, July 11.

To create awareness of the upcoming move FSAP, recently had a contest to name their new location and develop a new tag line, and the results are in:

An overwhelming number of participants from both the University and Healthcare submitted the same location name, so hands down the new location will be called The Emory Wellness Center.

The winners of the new location name are Nicholyn Hutchinson, senior editor, Winship Cancer Institute, and Relindis Vando, medical technologist, Emory Healthcare. Due to the large number of responses with this particular recommendation each submitter was placed into a drawing and two winners were drawn from the pool. Congratulations to the winners and many thanks to all who submitted suggestions.

FSAP is reviewing the recommendations for a new tag line as it is important to ensure that the right message is presented. Please look for more information in the near future about this endeavor.

For a map to the FSAP's new location or for more information about the move, please visit www.emory.edu/fsap.

Katherine Hinson is director of communications for HR.

PARK-N-RIDE from page 1

are expected to be operational in August.

Ray added that Emory is exploring other opportunities for additional Park-n-Rides near Stone Mountain/Mountain Industrial Boulevard and near Executive Park on North Druid Hills Road at I-85. Locations are selected based on the largest concentration of Emory employees and students.

For commuters who use the Park-n-Ride service but occasionally need to dash off campus during work hours, Emory's new Flexcar service is now available. Flexcar allows those who work at Emory to

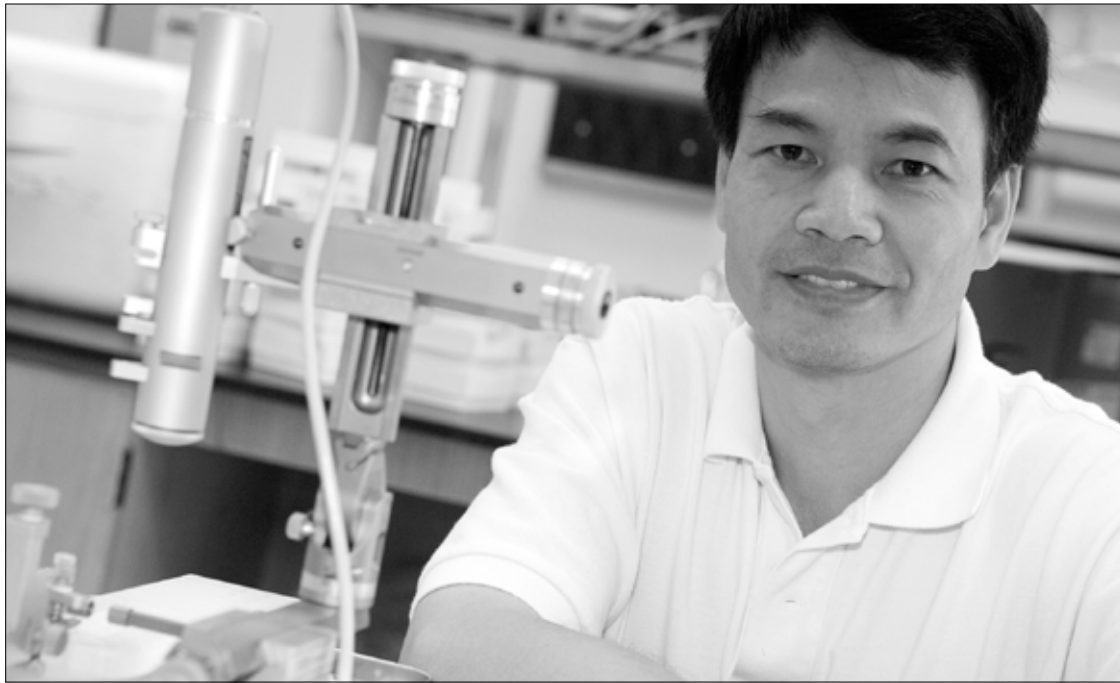
rent a 'community vehicle' by the hour and run errands or make trips off campus.

For more information on the Flexcar fleet, visit www.epcs.emory.edu/alltransp/flexcar.html.

"This summer is going to be busy for us as we begin offering Flexcar and the first Park-n-Ride service and preparing for several other shuttle routes in the near future. We also will unveil an entirely new look for the shuttles with a new name and marketing campaign to increase the shuttle's profile," said Ray. "We want these shuttles to be top of mind for commuters who want transportation options."

SCHOLARSHIP&RESEARCH

Research suggests neurodegeneration cause in Huntington's



Bryan Meltz

Professor of Human Genetics Xiao-Jiang Li and his colleagues make progress in understanding the cause of Huntington's, which may be neurodegenerative, as published in the May 31 *Journal of Neuroscience*.

BY HOLLY KORSCHUN

The severe neurodegeneration associated with Huntington's disease may result from molecular mutations that block the transport of nutrients within cells. Findings from the Emory School of Medicine indicate that the mutant huntingtin protein limits the efforts of the huntingtin-associated protein-1 (HAP1)

to provide nutrients to growing neurons or neurites. Without those nutrients, neurites fail to develop and mature neurons degenerate.

Huntington's disease was first identified more than 125 years ago, and often inhibits speech, movement, reasoning and memory. The result of an abnormal Huntington gene, the hereditary disorder is estimated to affect one out of every 10,000 people. Though some

current pharmacological treatments do address symptoms, scientists have been unable to stop the disease's progression.

However, scientists at Emory are making headway in the search for a cure. The findings that appear in the May 31 issue of the *Journal of Neuroscience* are the latest of more than a decade of Huntington's disease-related discoveries led by Xiao-Jiang Li, professor of human genetics.

Juan Rong, doctoral student in the neuroscience graduate program, is the lead author of the article. Senior author Li first discovered the protein HAP1 as a postdoctoral fellow in 1995. In previous articles, he has identified the importance of HAP1 to the normal functioning of the hypothalamus, a region of the brain that acts as a central switchboard to regulate feeding and other body functions. Earlier this year, Li's group published an article identifying HAP1's role connecting insulin to the hypothalamus in the journal *Nature Medicine*.

"This protein is very important," said Li. "When an animal does not have HAP1 it dies after birth. Certainly, it's essential for differentiation and survival of some neurons in the brain."

In this latest paper, Li, Rong and their colleagues used cellular models to show that HAP1 normally links to transport proteins, including the growth factor receptor tyrosine kinase (TrkA), in growing neurites. HAP1 protects TrkA from degrading, ensuring the neurites continue to develop. This trafficking function is regulated by the addition of phosphate and oxygen to the HAP1 protein, a process known as phosphorylation.

However, when mutant huntingtin is present, the researchers have found that this disease protein stops HAP1 from fulfilling its trafficking function. HAP1 cannot prevent the degradation of TrkA. The insufficient amount of TrkA cannot maintain the normal function of nerve terminals.

Although the discovery that HAP1 works as a transporter and plays a crucial role in neuronal function was obtained from cell models, it will assist scientists as they continue to look for a cure for Huntington's disease. Li's current experiments involve selective HAP1 deletions from neurons in animal models, and his results are sure to offer relevant clues to the mechanisms behind Huntington's disease.

"If we can find the pathogenesis for Huntington's disease, or if we know how the mutant huntingtin affects the transporting inside cells, maybe then we can find some effective treatment to prevent this kind of defect," said Li.

Research into other neurodegenerative disorders may also benefit from a thorough understanding of HAP1. "This work also has implications for understanding the normal physiological processing for neuronal functioning," said Li.

Summer research program SUREly impacts undergrads

BY BEVERLY CLARK

In a crowded lab deep within the Rollins Research Center, Emory College student Jim Zhong spends his summer surrounded by jars of fruit flies and larvae, doing the rudimentary work of breeding insects and preparing specimens for research.

But he also has spent a lot of time at the microscope working to document certain gene markers in fruit fly embryos that may help explain why our own genes sometimes fail at their jobs. It's the type of exciting, hands-on research most young undergrads don't experience.

"The research is fun—it's new stuff, not just an experiment in a textbook," said Zhong, a rising junior. "It's been a good opportunity to get exposed to research and explore career opportunities."

Zhong is one of 74 college students from across the country who are getting a taste of life in the lab through the University's Summer Undergraduate Research Experience at Emory (SURE). For 10 weeks, rising juniors and seniors run experiments, document data and take advantage of the rare opportunity to work directly with leading researchers. From testing new antidepressant medication to studying the neuroscience of bird song, students are engrossed in labs across campus.

Nearly 400 students applied for 74 slots in the annual program, which was established in 1990 through the support of Emory and a Howard Hughes Medical Institute (HHMI) grant. In addition to students from Emory and other major research universities, SURE actively recruits women and minorities and seeks to bring in students from smaller schools where research opportunities are not as comprehensive.

Zhong is working with Barry Yedvobnick, associate professor of biology, who uses fruit flies as a model system for higher organisms to study gene expression and function.

Yedvobnick has mentored a dozen SURE students since 1991, many of whom have gone on to graduate or medical school to pursue science careers.

"An integral part of research is teaching the next generation of scientists," Yedvobnick said. "SURE is a great opportunity to find out if you love science. My own undergraduate research led me to where I am today—it was the determining factor—so I feel it's vital for undergrads to have such an experience so they can explore science research as a possible career path."

Yedvobnick is one of several University faculty members who volunteer their time and resources every summer, said Pat Marsteller,

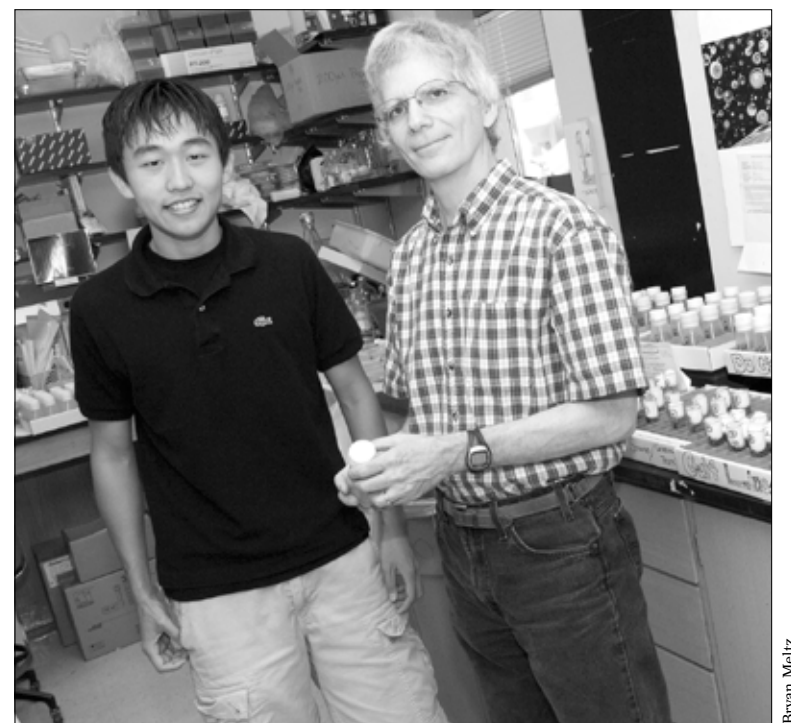
director of the Center for Science Education, which oversees SURE.

"They are passionate about the program. Many love to have undergraduates in their labs, since it helps them to see their research through fresh eyes," Marsteller said, adding that the dedication of SURE faculty has helped recruit hundreds of students into science fields.

Former SURE student Shana Kerr is one of them. Now an Emory graduate student in biochemistry, she worked in a biology department lab through SURE while a senior at Georgia Tech in 2002. Kerr now spends her days studying messenger RNA transfer in yeast cells as part of Associate Professor Anita Corbett's lab in the Biochemistry, Cell and Developmental Biology Program.

"SURE was a very positive experience. I really felt that I was part of the lab and was making an important contribution. I always knew I was interested in science but I wasn't sure what direction to go in. The experience helped me make a decision to go on to graduate school," said Kerr.

In addition to time on the bench, SURE students receive training in research methods and how to analyze their data and create written and oral presentations of their results. They participate in weekly ethics discussions that allow them to freely explore the ethical aspects of research



Bryan Meltz

Barry Yedvobnick, associate professor of biology, mentors rising junior Jim Zhong in the Summer Undergraduate Research Experience program.

careers and the questions that arise about authorship, funding, record keeping, misconduct and other issues.

At the end of the summer, each participant takes part in a formal research symposium during which awards for popular science essays and scientific posters are presented. This year's poster symposium takes place Thursday, Aug. 3 in the Dobbs University Center.

A new aspect of SURE this year is a mentoring workshop for graduate students and postdocs who are working with the undergrads. Demand for such training is strong (only 50 percent of those who applied

were accepted), and the Center for Science Education plans to offer it more often, Marsteller said.

HHMI recently awarded Emory a four-year, \$1.9 million grant that will provide continued support for SURE as well as ongoing student research, mentoring and education initiatives at the Center for Science Education (see sidebar on page 7). In addition to HHMI, SURE is supported by the National Science Foundation, Graduate Division of Biological and Biomedical Sciences and individual contributions by research mentors.

ALTERNATIVE TRANSPORTATION

Fast food waste makes for fuel-friendly campus shuttle



Bryan Meltz

2006 Emory alum Erik Fyfe's determination to find useful fuel alternatives will result in about 45 percent of Emory's 53 bus shuttles being biodiesel fueled, making the University's entire shuttle fleet alternatively fueled.

BY BEVERLY CLARK

Thanks to the idea and persistence of 2006 graduate Erik Fyfe, Emory will soon use biodiesel made from raw materials cooked up in the fry vats of local restaurants and the University's own kitchens to fuel much of Emory's bus fleet. There's little worry about a fuel shortage: Emory dining services alone produce about 5,500 gallons of used oil every month.

The new biodiesel program is based on Fyfe's senior honors thesis. His research analyzed the potential for a community-based biodiesel production program using a model developed by the Southern Alliance for Clean Energy (SACE).

Emory will partner with the local nonprofit SACE to launch a pilot program this summer.

In line with Emory's sus-

tainability commitment, the SACE model takes waste at its source, converts it to biodiesel, and returns the useful fuel to the same market. Relying only on local, recycled waste sets the Emory program apart from other biodiesel projects that produce virgin oils on a large scale. To SACE's knowledge, Emory is the only institution of its size converting its own waste to biodiesel on such a large scale.

Contributing to a healthy environment was especially meaningful to Fyfe, an environmental studies major who grew up in Decatur.

Fyfe was inspired to pursue the research when gas prices spiked after Hurricane Katrina. "It was important to me to do research that would be both relevant and useful," he said. Part of his study included a survey of local restaurants to find out the availability of used cooking oil, as well

as the restaurant's willingness to participate in the program.

"From the beginning, Emory's dining and alternative transportation services have been interested in creating a sustainable biodiesel program," said Fyfe. "I've been surprised at how receptive people are to the idea. It's been really incredible to see it develop so quickly."

Emory's biodiesel program is attracting the interest of other schools and businesses, including other Clifton Community Transportation Management Association institutions that are expected to contribute to the program as well.

Once online in the fall, about 45 percent of Emory's 53 bus shuttles will be fueled with biodiesel, making the university's entire fleet alternatively fueled (other buses already are using compressed natural gas or electricity).

FOCUS: INFORMATION TECHNOLOGY

Windows on the world: Technology and the teaching of foreign language

To many, thinking back on the experience of learning a foreign language is to summon up memories of dusty cramped cubicles outfitted with cassette players and recently worn headphones. Voices intone into a microphone and occasionally a voice crackles back through the ether, reviewing pronunciation or vocabulary—a very unusual pedagogical experience for those who have experienced it.

Leap forward to today's language instruction and one arrives at a totally different destination. Gone are the cubicles and the cassettes and even the sweaty headphones. In their place are web resources and online grammar exercises and streamed audio files, all accessible to students any time, anyplace they have appropriate network access. Those studying without a wired connection browse wirelessly, and to those totally untethered, they listen to audio files on their iPod. It's not only about learning a different language and culture after all; it's about stepping into a new culture to learn the foreign language.

The place where this transformation has been hosted at the University is in the Emory College Language Center. Since planning began for the facility more than five years ago, Academic and Administrative Information Technology (AAIT) has been working side by side with participating faculty navigating this digital crossroads.

Director of the Language Center and Professor of French Carol Herron speaks about the vision behind the founding of the effort: "From the outset, the center was seen as a gathering place for language faculty to share their experiences and strategies in ways that would cross traditional departmental boundaries. Initially, technology, and the challenges that it posed, was a unifier that allowed us to talk about how our teaching practice was changing. Over time, our focus has shifted from considering change as a challenge to viewing it as an opportunity."

The center has two staff members that support the technology outreach to language faculty, and a staff member, Juana Clem McGhee, who handles program development and coordination. Technology Director José Rodriguez supports teaching in the center's three classrooms and plans the infrastructure and the training required to step into new approaches to instruction. Multimedia Programmer Johnny Waggoner provides his skill on the web, authoring many of the center's key programs and coordinating the center's online presence.

During the past three years, one of many projects for the center has been the Italian Virtual Class. Working with Senior Lecturer Judy Raggi Moore and Lecturer Christine Ristaino, Rodriguez and Waggoner have assisted in developing a multimedia, culture-based curriculum. As leader of the foreign study program to Italy, Raggi-Moore uses the travel abroad to have her students interview and film native speakers to create an on-line curriculum that immerses students in native language and culture.

Rodriguez looks at this strategy of cultural immersion and reflects, "What's so fascinating about my work is that providing this experience of the culture, which is so critical to the method of the center, depends on technology as part of the culture. They are inseparable for so many of our languages."

Herron, whose own focus is the impact of using multimedia resources on learning outcomes, has been leading a three-year study of the effect of technologically enhanced language learning materials (TELL) on student language skills. Preliminary results for studies conducted in French and Italian suggest that there is a statistically significant improvement in the grammar skills of students who learn new structures using the center's technologically-enhanced, problem-solving approach as opposed to those who have used the more traditional textbook approach with its bundled exercises.

For instruction in Japanese, Chinese, Portuguese and Hindi, many of the online resources that Rodriguez and Waggoner help faculty to create represent the core resource for that language's instruction. Up to this time, few publishers have either invested the time or talent to develop quality approaches or material that can be delivered online.

The language center, affiliated with the Institute for Comparative and International Studies (ICIS) as well as with AAIT, is located on the fourth floor of the Woodruff Library and supports the following languages: Arabic, Chinese, English, French, German, Greek, Hebrew, Hindi, Italian, Japanese, Latin, Persian, Portuguese, Russian, Sanskrit, Spanish, Tibetan and Yiddish. The center can be visited online at languagecenter.emory.edu

Alan Cattier is director of academic technology services.

Howard Hughes Medical Institute \$1.9M grant supports science education

Emory is one of 50 research universities in the nation to receive a share of \$86.4 million for undergraduate science education from the Howard Hughes Medical Institute (HHMI). Emory's four-year, \$1.9 million grant marks the fifth consecutive time since 1989 the University has received the HHMI education grant, one of only a few universities to be awarded consecutively.

Emory will use the grant to support ongoing student research, mentoring and education initiatives as well as new program development and community outreach.

"HHMI's continued investment in Emory's science education initiatives over the past 15 years has been a catalyst for progressive and lasting change in undergraduate science education and outreach," said Pat Marsteller, director of Emory's Center for Science Education, which oversees the HHMI-funded programs. "The grants are critical to our continued success, and have supported wide-ranging initiatives that have attracted more students to science careers and enhanced the knowledge of all students during a time when science literacy is vital."

The HHMI grant will support Emory's SURE program—the Summer Undergraduate Research Experience—and enable it to include freshmen and sophomores. The Center for Science Education also will develop certificate programs in teaching and mentoring for graduate students and postdoctoral associates, and create undergraduate interdisciplinary science courses and research opportunities in strategic areas such as neuroscience, nanotechnology, cancer biology and genomics.

The funds also will provide new opportunities for graduate students, undergraduates and faculty to work with teachers to improve middle and high school science, including summer internships for local teachers in research and curriculum development.

HHMI has supported undergraduate science education at the nation's colleges and universities since 1988. Through its undergraduate grants, the institute has provided 247 institutions of higher learning with nearly \$700 million for programs that include undergraduate research opportunities; new faculty, courses and labs; teaching and mentoring training; and work with precollege students and teachers. —Beverly Clark

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For online event information, visit www.events.emory.edu.
Events for the Emory Community

VISUAL ARTS

MARBL Exhibit

"Behind Many Veils: The Public and Private Personas of W.B. Yeats." Level 10, Woodruff Library. Free. 404-727-6887. **Through Aug. 15.**

Carlos Museum Exhibit

"The New Galleries of Greek and Roman Art." Carlos Museum. Free; \$7 suggested donation. 404-727-4291.

Carlos Museum Exhibit

"Cradle of Christianity: Treasures from the Holy Land." Carlos Museum. Free; \$7 suggested donation. 404-727-4291.

LECTURES

WEDNESDAY, JUNE 28

Women's Center Lecture

"Sex, Hormones and Mood." Sally Lehr, nursing, presenting. Time and location TBA. Free. 404-727-2000.

THURSDAY, JUNE 29

Surgical Grand Rounds

"Surgeons as Communicators." Christopher Dente, medicine, presenting. 7 a.m. Emory Hospital Auditorium. Free. 404-712-9126.

SPECIAL

MONDAY, JUNE 26

Panel Discussion

"Looking Beyond the University: Discussions on Careers Outside of

Academics." 4:15 p.m. Whitehead Auditorium. Free. 404-727-0356.

WEDNESDAY, JUNE 28

Clifton Community Meeting

6 p.m. Miller-Ward Alumni House. Free. 404-727-5166.

TUESDAY, AUG. 15

EndNote Workshop

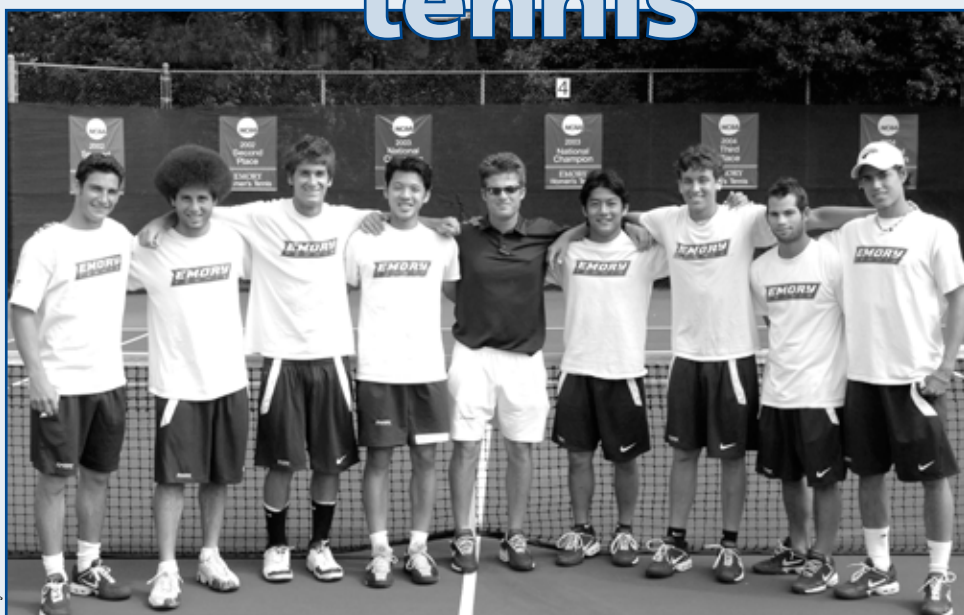
11:30 a.m. 310 Woodruff Library. Free. 404-727-6863.

*****Please recycle this newspaper.**

To submit an entry for the *Emory Report* calendar, enter your event on the University's web events calendar, Events@Emory, which is located at <http://events.cc.emory.edu/> (also accessible via the "Calendar" link from the Emory homepage), at least three weeks prior to the publication date. Dates, times and locations may change without advance notice. Due to space limitations, Emory Report may not be able to include all events submitted.

GO EAGLES! 2006 NCAA CHAMPS NCAA CHAMPS NCAA CHAMPS

tennis



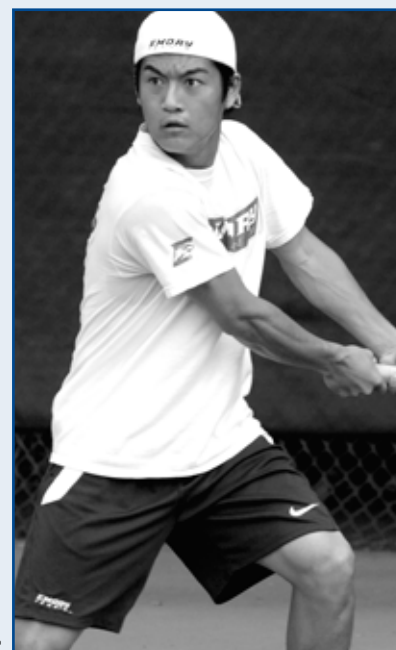
Bryan Meltz

Men's Tennis



Special

Women's Tennis Richelle Marasigan



Bryan Meltz

Men's Tennis Yoji Masuoka



Special

Women's Tennis Huddle



Special

Women's Tennis Jamie Chan

First time ever! NJCAA CHAMPS



Bryan Meltz

Men's Tennis Patrick Redmond



Special

Men's Tennis and NJCAA Coach of the Year Brandon Feldman