

PROFILE

Stress warrior has fun, practical weapons to help students. **Page 2**



DISCOVERY

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Child study is name of the game



BRYAN MELTZ

The Emory Child Study Center wants to meet area families with children, from newborns to adolescence, who are interested in helping researchers explore how our minds develop.

By **CAROL CLARK**

Some of the most valuable minds in research are only a few months old. They belong to the infants who participate in groundbreaking work at the psychology department's Child Study Center.

How do children learn? What and how do they think and remember? How do children change as they grow older? Families from both within the Emory community and

throughout metro Atlanta are helping scientists at the Child Study Center explore these questions and many more.

"The faculty members doing research at the center are national leaders in their respective areas of child development," says Ayzit Doydum, a lab manager at the center, who assists psychologist Patricia Bauer in her memory development studies.

In one study, a child may don what looks like a stretchy show-

er cap studded with electrodes, then sit down to watch a puppet show while an electroencephalogram (EEG) allows researchers to peer into her brain. In an adjoining lab, researchers may be tracking the eye movements of an infant while he watches cartoons. Many of the studies are game-like, such as asking children to perform a sequence of actions with toys.

All of the studies are safe. "The biggest risk is that a child

might get bored," Doydum says, "but generally our studies are really fun for the children and their families."

The center seeks participants ranging in age from newborns through adolescence. The number of children needed for a single study can vary from 30 to 300, says psychologist Laura Namy, whose lab focuses on how children learn language.

Please see **CHILD** page 4

Travel policy changes on April 1

BY DAVID PAYNE

In an ongoing effort to improve the overall efficiency, safety and cost effectiveness of its business-related travel, Emory University is changing its policy for booking air travel.

Effective April 1, Emory will require that all bookings on or after that date be made through one of its online or agent-assisted air travel providers.

The following created the context for this change in policy:

- In FY09, Emory spent over \$10 million on airfare;
- Approximately 80 percent of Emory airline travel is on domestic trips;
- Approximately 70 percent of all Emory airline travel is booked on Delta flights;
- On average, approximately 65 percent of Emory travelers (over the past five years) already use Emory's air travel providers; and
- By using Emory's air travel providers, Emory saved \$126,000 in FY09 on Delta flights alone due to the discounts negotiated with its agencies.

The policy change will apply to all faculty and staff traveling on work-related business funded by Emory, including grant and sponsored programs. Faculty and staff seeking reimbursement or payment via Emory for their air travel must comply with this booking policy. The policy also applies to students on travel funded by Emory.

Emory is changing this policy for several reasons. First, the change will ensure that all Emory travelers' itineraries are registered with International SOS (ISOS), a travel service purchased by the University that will automatically upload the travel itineraries directly from the air travel providers into the ISOS system. For both international and domestic travel, ISOS provides emergency services to Emory travelers.

For Emory faculty, staff and students traveling abroad, ISOS provides critical travel and medical services that are designed to improve travelers' safety. ISOS will assist

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Summit emerges on the future of India

By **LESLIE KING**

Diplomats, academics, journalists and leaders in business and industry will come together at Emory to discuss the emerging economy of India on Friday, March 26.

Emerging India Summit 2010 (EIS), a student-initiated conference, will explore how the next decade will be crucial

for the south Asian nation as, some predict, it will move from an "outsourcing hub" to a truly "global business destination."

"Thanks to the entrepreneurial efforts of a strong team of Emory students, several schools and units are cosponsoring the EIS, including Emory College of Arts and Sciences, Goizueta Business School, Rollins School of Public

Health and The Halle Institute. Faculty across the University are involved and we expect many members of the Atlanta-area community will also attend the fascinating panel sessions," says Holli Semetko, vice provost for international affairs and director of The Halle Institute.

Sessions will look at India through the lens of business,

both as an enterprise destination and as a partner in establishing a relationship and conducting business.

Distinguished Visiting Professor Marion Creekmore will moderate a discussion with Arun Singh, deputy chief of mission to the United States, and Goizueta's Jagdish

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NEW ONLINE AT EMORY.EDU

nursing.emory.edu

Explore the newly redesigned Web site for the Nell Hodgson Woodruff School of Nursing and find easy access to news, events and information for students, faculty and staff, alumni and parents.

"We hope you'll visit our site often to learn about our efforts to educate nurse leaders and scholars, generate new knowledge through research, and improve health and health care, all in service to the global community," says Dean Linda McCauley.

www.emory.edu/president/ annual-report

The 2009 Emory University Annual Report is now available. The online report, "A Community on the Move," uses videos, images and narrative text to showcase financial information.

A review of the year by President Jim Wagner suggests that Emory has confronted and risen above challenges provoked by the economy, acting with responsiveness and demonstrating leadership to other institutions of higher education.

www.emory.edu/EMORY_ REPORT

Listen up! Emory Report Book I Report podcasts are all together online. Check out the collection of audio interviews with faculty authors discussing their latest books on Emory Report's Web page, or subscribe to the series on iTunes U.

EMORY PROFILE Dana Wyner

Wii-toting psychologist busts stress

By MARGIE FISHMAN

As the calm and collected overseer of Eagles at Ease Stress Management Services, Dana Wyner '04PhD encourages her clients to take a mental mini holiday, go limp like Jell-O and feel snug as a bug in a rug.

Those practical lessons for relaxation on the go are particularly helpful during exam time, when nerves are frayed and performance anxieties go into overdrive.

The Student Counseling Center Stress Clinic, funded by Emory's new mental health fee, sees more than 30 students each semester for issues such as test-taking anxiety, phobias, insomnia, difficulty concentrating, headaches and hypertension. Services include helping students develop a personalized toolbox of positive coping strategies, small group training in relaxation skills and biofeedback, and individualized therapy sessions.

Wyner and her staff of seven mental health providers teach participants deep controlled breathing, progressive muscle relaxation and self-directed kindness and compassion. Students can enroll in biofeedback training, where they are hooked up to a computer to evaluate their physiological responses to stress. The equipment measures sweat, heart rate, respiration rate, muscle tension and fingertip temperature — typical "fight or flight" signs of a body under extreme stress.

"Biofeedback gives students a sense of personal control," says Wyner, staff psychologist and stress management and biofeedback coordinator. "They learn that they have the tools to regulate anxiety."

Since Wyner joined Emory in 2008, the clinic has expanded from a short-term intervention program to a 10-week curriculum with measurable outcomes. Students identify specific goals, such as building self-confidence, initiating social interactions, and managing test-taking anxiety, and rate their progress along the way. To achieve maximum benefits, participants are asked to supplement their weekly in-class training with at-home practice.

Wyner became interested in stress management as an Emory doctoral student in clinical psychology, specializing in mood and performance enhancement issues among student athletes. She is also an enthusiastic athlete and sports fan, having played the position of goalkeeper as an undergraduate on the Tufts University women's soccer team. She now enjoys hiking, snowboarding and pilates.

"Athletes are such a tight-knit group," she says. "There is still a lot of shame and stigma associated with getting help."

After taking a brief hiatus from psychology to explore life as a market research consultant in New York, Wyner returned to the field when she found what appeared to be a tailor-made job description posted at Emory, under her former graduate supervisor, Counseling Center Director Mark McLeod.

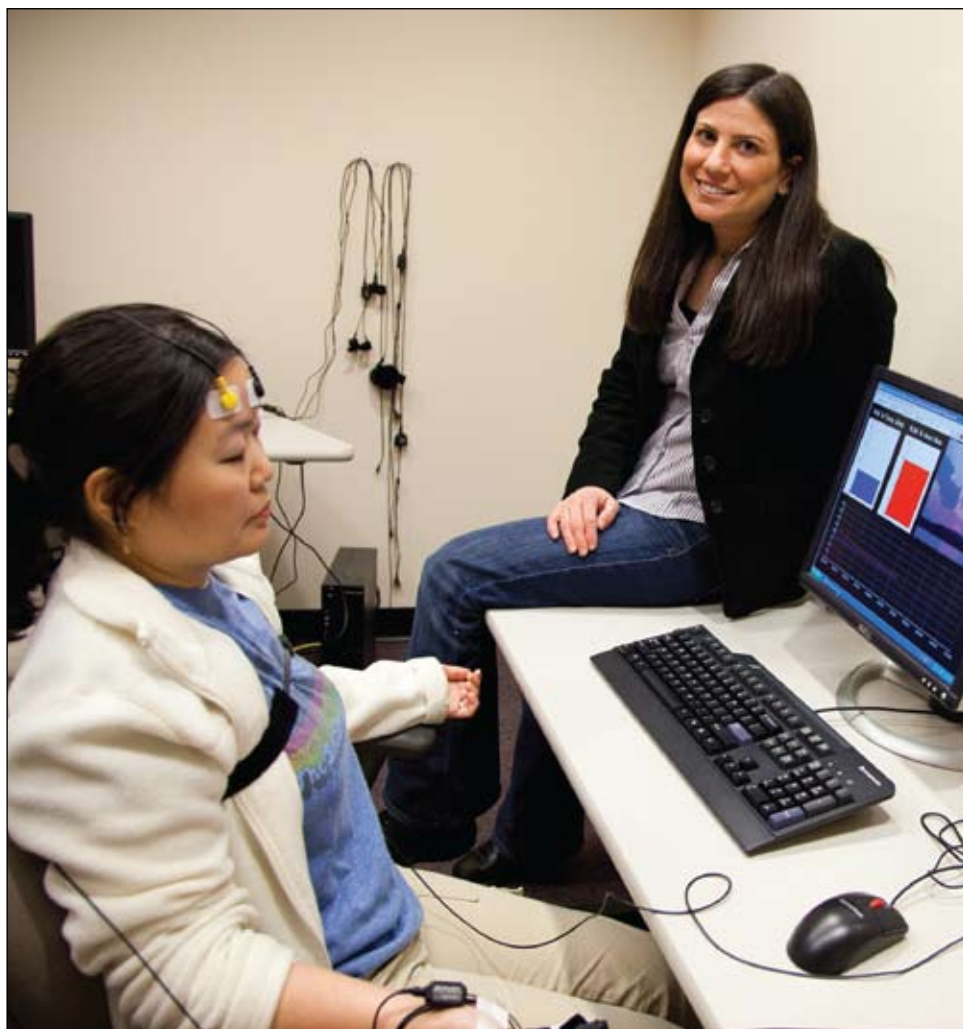
"It's as if I have come full circle," she says.

Wyner is working with Emory coaches, sports medicine staff and athletic directors to incorporate stress management as a means to helping the body realize its optimum potential. At outreach events across campus, she totes along her biofeedback system and Wii Fit to "illustrate the mind-body connection in a concrete way."

The clinic is in the process of surveying students to evaluate existing services and to determine effective future directions for the stress management program. Wyner and her team plan to publish the results so that Emory may serve as a model for other universities. Initial findings are promising, Wyner says.

"Students are using positive self-talk to face the challenges in their lives," Wyner says. "I have seen students with anxiety concerns go from being highly symptomatic to having virtually no symptoms at all. I'm just really happy with how the clinic is coming along. We have a team of really outstanding clinicians and that is an invaluable asset to the clinic's growth."

Do you know a student who is exhibiting signs of extreme stress? The Student Counseling Center offers a guide for faculty and staff to make referrals.



The Student Counseling Center's Dana Wyner (right) and Jane Yang demonstrate with a stress monitoring device.

BRYAN MELTZ

EMORY report

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People

Healthcare launches staff campaign

BY MARIA LAMEIRAS

MyEmory Healthcare, an employee and retiree giving program to support Emory Healthcare's greatest needs and priorities, offers a powerful way to make a difference by helping strengthen shared vision and meet shared goals.

Gifts to MyEmory Healthcare can support continuing education, patient care, clinical services, and countless other areas and will enable Emory Healthcare to continue to advance in innovation, technology and compassionate care.

MyEmory Healthcare volunteer leader Mickey Evans, an RN with the EHC employee health department, has been an Emory Healthcare employee since 2000, working in several departments, including the emergency department and radiology. He got involved with the program after learning how it will channel giving to areas employees are passionate about.

"I have seen firsthand how nurses impact the outcome of patients. Nurses need to have all of the education and training that is available to them. I want my funds to go to sending nurses to workshops and other training opportunities so they can be better prepared to take care of their patients," says Evans, who directs his MyEmory Healthcare gifts to nursing education.

MyEmory Healthcare's commitment to transparency is important to volunteer leader Therese Baker '03MN, unit director for the cardiovascular surgical intensive care unit at Emory University Hospital.

"Most people in the health care field are givers. They want to help, but it is important to know that the money you give is going where you want it to go," says Baker, who supports the Employee Hardship Fund. "People feel better knowing what is being done with their contributions and getting feedback on what

that money is being used for. Through MyEmory Healthcare, it is easy to give and to see the results of your giving."

Debra Bloom, director of employee fund development and community relations for Emory Healthcare, says leaders at Emory's four hospitals and The Emory Clinic are setting up committees to determine how employee gifts will be used based on the funds they support. In keeping with EHC's commitment to shared decision-making and employee engagement, committee participants will include representatives of benefitting service areas, physicians and even patient/family advisers. These groups will guide use of the contributions toward the greatest needs and priorities so use of funds meets donor intent and melds with the strategic plan of Emory Healthcare.

The MyEmory Healthcare intranet site will include FAQs, personal stories, a fund

list and description, and donor-recognition section that will include memorial and honor gift listings. Employees and EHC physicians will receive a quarterly update on each fund's progress.

MyEmory Healthcare has 14 volunteer leaders heading up program efforts for each of Emory Healthcare's entities, and nearly 30 volunteer champions who have volunteered to help leaders communicate the giving opportunities available to every employee.

For a list of employee volunteers and for more information, EHC employees can visit www.emoryhealthcare.org/employee or contact Bloom at 404-778-2799.

MyEmory Healthcare mirrors a similar employee giving campaign recently launched at the University. Emory University employees can view MyEmory Healthcare giving opportunities at www.emory.edu/myemory/giving-opportunities.

ACCLAIM

The following Department of Music faculty played key roles at the Georgia Music Educators Association State In-Conference held in February in Savannah.

Eric Nelson, associate professor and director of choral studies, served as the guest conductor/clinician for the Georgia All-State Reading Chorus.

Scott Stewart, director of wind studies, conducted a concert by the Atlanta Youth Wind Symphony. Several of Stewart's students were selected for 2010 All-College Band.

Bernard Flythe, Emory artist affiliate, was recognized for his performance as tuba soloist with the Hopewell Middle School Band.

Kay Fairchild, Emory artist affiliate, and percussion instructor **Paula Williams** were also recognized for their work on the conference.

Julie Shaffer was the recipient of the 2010 Georgia Organics

Barbara Petit Pollinator Award, which honors an individual or organization for outstanding community leadership in Georgia's sustainable farming and food movement

Shaffer is Emory's sustainable food education coordinator. She received the award in Athens as part of the Georgia Organics 13th Annual Conference and Expo.

The award acknowledges exceptional success in advancing Georgia Organics' mission by spreading—pollinating—the movement throughout community life, such as the food industry, faith communities, public agencies, schools, and institutions.

Nanette Wenger was recognized by the Georgia State Senate for her many contributions to the field of medicine, according to the senate resolution.

Wenger is chief of cardiology at Grady Memorial Hospital. Her numerous awards from medical societies and her service on scientific and advisory boards, related to cardiology, were also noted.

Jack Zupko received an National Endowment for the Humanities Collaborative Research Award.

Zupko is associate professor of philosophy. Zupko will be part of an international team preparing the Latin edition and English translation of the Questions on Aristotle's "De Anima" of John Buridan (c. 1300-61). The two-year, \$195,000 grant funds the American portion of the project, to be carried out at Emory, Fordham University and the University of Wisconsin.



SPOTLIGHT

Name: Alex Christian

Position: Program coordinator, Office of Community and Diversity

At Emory: 4 years

Where he gives: Emory Alumni Association Alumni Programs Fund

Why he gives: Emory's commitment to a variety of community and social justice programs demonstrates the level of care for the Atlanta community and the world. We all have a passion that gives us the energy to navigate through life and to realize that even the smallest contribution can make a world of difference.

For more information on MyEmory or to make a gift, visit www.emory.edu/myemory.

SOUND SCIENCE



A new look at old age

Are the difficulties commonly associated with aging inevitable? Incontinence, accidental falls, muscle weakness and depression — can these and other health problems be moderated or even eliminated as we grow older?

It depends on the individual, says Emory geriatrician Ted Johnson.

"There is a difference between what is a normal part of aging and what is a common experience of aging," says Johnson, whose research is aimed at improving quality of life as we age.

Tune in to the latest Sound Science podcast at whsc.emory.edu/sound-science to hear Johnson talk about aging and health.

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TAKE NOTE

EmoryCards must be recoded by April

This month, Emory is updating the software used to manage the EmoryCard system. As part of that process, all faculty and staff are asked to recode their EmoryCard prior to Friday, April 2 in order to continue to access campus libraries, gyms and other Emory facilities.

Recoding an EmoryCard is easy — just swipe it twice through one of the service encoding stations on campus. Encoding stations are at:

- Woodruff Library security desk
- Human Resources Department lobby (1599 Clifton Road)
- Student Financial Services Office (Room 101, B. Jones Building)
- Oxford Student Financial Services Office, Seney Hall.

EmoryCards that are not recoded by April 2 will not function at locations on campus. The Student Financial Services desk in the B. Jones building is the only place to recode cards after April 2.

For more information, contact Student Financial Services at 404-727-6095.

Energy conservation to benefit Haiti

Emory's Office of Sustainability Initiatives is challenging faculty, students and staff once more to reduce their energy consumption in a campus-wide campaign from March 1-31. Campus Services will measure energy use in campus buildings, including academic, administration and residence halls.

Cost savings from reduced electricity use for the month, when compared to the same period last year, will be reallocated to a fund managed by Emory's Global Health Institute to support two student research projects in Haiti that will improve access to chlorinated water and assess mental health needs.

An estimated 3 million people have been affected by Haiti's massive earthquake Jan. 12.

For more information visit www.emory.edu/sustainability.

Idling policy to protect air quality

Emory has partnered with The Clean Air Campaign on a new policy to improve air quality in the workplace.

The Idling Reduction Policy provides operating guidelines for Emory vehicles and all service and delivery vehicles and freight carriers operating on University property. The policy, designed to reduce unnecessary vehicle idling, is being implemented as part of Emory's sustainability initiatives.

This policy will be included in the University's parking rules and incorporated into departmental driving policies.

For more information, contact Ciannat Howett in the Office of Sustainability Initiatives at ciannat.howett@emory.edu or 404-727-5020.

'Losing' exhibit shows grief's faces

"...The sound of men scraping and scraping what I can't quite see, spreading the cool concrete over you by hand. And it takes long, so long, like death — like we once thought life..."

—From "Burial [No Woman No Cry]" by Kevin Young

By MARGIE FISHMAN

The elegy, a poet's lament for the dead, can take many forms. Some drip with despair. Others offer consolation by directly confronting loss. Still others cheer life, even in its darkest hour.

The multiple faces of the elegy will be on display at "The Art of Losing" exhibition opening today at the Manuscript, Archives, and Rare Book Library (MARBL) on the 10th floor of Woodruff Library. The exhibition consists of 46 pieces — first-edition books, journal entries and artwork that serve to illuminate grief's private journey.

"Poetry is able to confront loss in such a direct, powerful, lyrical, instantaneous way that few other forms can," says Kevin Young, co-curator of the exhibition and Atticus Haygood Professor of English and Creative Writing at Emory.

The exhibition coincides with the March 16 release of Young's anthology of the same name, which includes poems by Young, Elizabeth Alexander, e.e. cummings, Seamus Heaney, Emily Dickinson, Anne Sexton and Emory Pulitzer-winner Natasha Trethewey. Trethewey, professor of English and Phillis Wheatley Distinguished Chair in Poetry, will be joining Young to read selections from the anthology at the Decatur Library March 18.

The exhibition features several works reprinted in "The Art of Losing" anthology and mirrors its six-part structure, beginning with "Reckoning" and concluding with "Redemption."

Highlights include a letter written by John Berryman to fellow poet Vernon Watkins after witnessing the death of their friend, celebrated Welsh poet and writer Dylan Thomas. The exhibition marks the first public appearance of the letter, written in 1953 and recently acquired by Young in his role as curator of literary collections and the Raymond Danowski



Kevin Young

SPECIAL

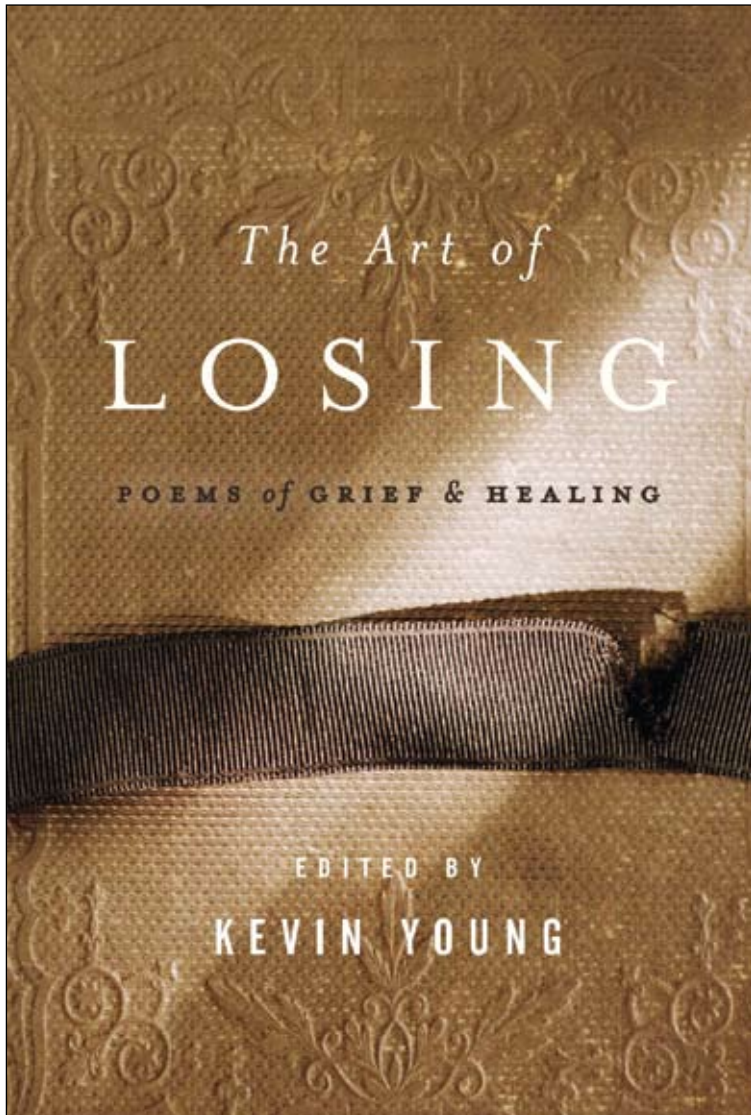
Poetry Library at MARBL.

Also on display is a limited edition printing of Pulitzer-Prize winner Paul Muldoon's poem, "Incantata," written for his ex-lover, Mary Farl Powers. The poem is accompanied by one in a series of Muldoon's abstract potato-print paintings. A first-edition copy of Langston Hughes' rarest book, "Dear Lovely Death," is included with a journal entry from publisher and philanthropist Amy Spingarn, reflecting on Hughes' life.

"While these elegies are very personal, they convey a shared sense of the experience of grief and loss," says exhibition co-curator Elizabeth Chase, MARBL's coordinator for research services and a doctoral student in English. "They chart the ebb and flow of the experience. It's not an absolutely linear progression."

Adds Young: "This is a very reflective and contemplative exhibition, but joyous in the end. Elegies are written for the living, in a way. I hope these poems offer some sustenance."

The "Art of Losing" exhibition runs until Dec. 28 and is free and open to the public from 9 a.m. to 5:30 p.m., Monday-Saturday. MARBL is located on the 10th floor of the Woodruff Library. For more information, visit marbl.library.emory.edu.



SPECIAL

Young is USA James Baldwin Fellow

Kevin Young, award-winning poet, editor and Atticus Haygood Professor of English and Creative Writing at Emory, has been named USA James Baldwin Fellow in Literature by a national grant-making and artist advocacy organization.

Young was among 55 artists nationwide selected by United States Artists to receive a \$50,000 unrestricted grant. Other recipients include poet and novelist Sapphire, whose novel "Push" was adapted for the recent Oscar-winning film, "Precious"; playwright Anna Deavere Smith; and filmmaker Charles Burnett. Winners were announced in December.

Young, who said he was "delighted and honored" to receive the grant, plans to use the funds to complete his latest project, a book that takes a critical look at African American music in prose. Young has published seven collections of his works and four poetry anthologies, including two Paterson Poetry Prize winners.

United States Artists received nearly 350 nominations from arts leaders, critics and scholars. Awards were given to artists at different stages in their careers, who demonstrated an extraordinary commitment to their craft.

CHILD: Understanding development

Continued from the cover

Parents are not given feedback on the results for their child, since the data is being studied from a collective perspective.

"This is a volunteer activity, and it's impressive to me the number of families that are willing to come in and give their time for the greater good of science," says Child Study Coordinator Kelly Yates.

"I strongly believe in promoting research and the understanding of human development," says Jill Woodard, a

manager of research projects at the Rollins School of Public Health, who recently brought in her 9-month-old son, Bennie, to participate in a study. "I think it helped me understand my son better and how he interacts with the world," she adds.

Emory's psychology department has been a leader in child studies since the 1960s, when an early luminary in the field, Boyd McCandless, was on the faculty. He later founded Developmental Psychology, the premier child development research journal. The Child Study Center officially opened

in 1998, and was spread among several locations. Last May, the center moved into its current home on the ground floor of the new psychology building. Friendly staff welcome families to a bright, comfortable space filled with toys.

"Every parent wonders what's going on in their child's brain. Sometimes it can seem like a mystery," Doydum says. "All the information in parenting books and textbooks wouldn't be known without research. So we're really appreciative of the families that come in with their children. We couldn't do our work without them."

Support the cause of child research

The Child Study Center seeks families with newborn through school-age and adolescent children for its child development studies.

Families interested in participating or learning more can call the Child Study Center at 404-727-7432, or fill out an online form available at www.psychology.emory.edu/childstudycenter.

Campus

5

REPORT FROM: The Office of University-Community Partnerships Connecting classroom to community

Freshmen helping hardworking low-income families complete their federal tax returns and apply for Earned Income Tax Credit. Anthropology majors creating media to expose the challenges new Americans face in a state hostile to “foreigners.” Business students developing social enterprise strategies for nonprofits hard-hit by the economic downturn. Environmental studies students investigating the keys to successful community gardens.

These are just a few of the ways the Office of University-Community Partnerships, a unit of the Provost’s Office of Diversity and Community, is helping Emory realize the promise articulated in the 10-year strategic plan to “produce socially-conscious leaders with a portfolio of skills developed and values tested in community engagement.”

As the lead entity for the Engaged Scholars strategic initiative, the OUCP, along with Campus Life, is connecting classroom to community, creating and sustaining a continuum of community-engaged learning, scholarship and

service for students and faculty in all of Emory’s nine academic units.

The continuum begins with traditional volunteerism from a student’s first days on campus. Students then apply and advance their academic learning with community-benefiting activities as part of their coursework in everything from freshman seminars to graduate-level courses. Especially skilled and ambitious students then deepen their involvement in community problem solving through an expanding array of academic internship and fellowship programs. Engaged Scholars cap their studies with original research for a thesis or dissertation seeking to address persistent problems like poverty, discrimination and environmental degradation.

For as much as we are Emory, we also are an important part of metro Atlanta.

The OUCP’s professional staff works with faculty and students across the University to ensure that Emory’s work in the community is coherent, connected, effective and sustainable.

Notable programs include:

Faculty Development Programs: Faculty may apply now for the fall 2010 class of Faculty Fellows, which provides course release funding so faculty can focus on developing courses featuring engaged learning pedagogy.

Mini Grant Funding: Faculty may apply for funding for a specific engaged learning course (up to \$3,000) or community-based participatory research project (up to \$5,000).

CELI Funding: Faculty or administrators aiming to create or expand multi-disciplinary community-engaged learning opportunities for significant numbers of students may apply for Community-Engaged Learning Initiative grants. Grants support planning, capacity-strengthening and implementation activities.

Student Funding: The OUCP is partnering with the Center for Ethics and several academic departments to provide more paid summer internship and fellowship opportunities for

both undergraduate and graduate students. The OUCP also funds teaching, research, and project-specific fellowships for Emory students enrolled in doctoral and professional graduate degree programs. Funds also support community-based student research projects informing theses or dissertations.

Transportation: The OUCP provides transportation support, in some cases for a modest fee, for students involved in community-benefiting service as part of an academic course or program.

Technical Assistance and Match-making: OUCP team members manage relationships with dozens of community partners and can help match faculty interests with community needs.

For more information about the OUCP and its resources, please visit www.oucp.emory.edu.

Sam Marie Engle is OUCP senior associate director.

TRAVEL: Policy changes are on the horizon

Continued from the cover

in providing pre-trip health and safety assistance; finding a local doctor while abroad; monitoring a traveler’s medical condition in the case of a medical ‘event’; and when necessary, evacuation to a location providing medical care if local care is inadequate. It will also provide assistance with lost documents, legal issues and evacuation in the event of a security or terrorism incident.

All Emory international travelers on work-related business or Emory-sponsored programs are also able to create and maintain a profile on the ISOS site prior to travel. In the event of an emergency while overseas, ISOS will access, at the traveler’s request, the medical history, emergency contacts, passport information, and other information within the travelers profile. Visit Emory ISOS at www.international.emory.edu to learn more about these services and to upload travel profile information.

In the first 11 months of Emory’s engagement with ISOS through December 2009, ISOS provided service in numerous emergency situations to 28 Emory travelers in countries across the globe. From an institutional risk management standpoint, the most effective way to ensure that all Emory travel

itineraries are uploaded into ISOS is to take advantage of the automated interface between Emory’s travel partners and ISOS.

Second, by consolidating air travel bookings, Emory will be able to maximize its purchasing power and negotiate additional airline discounts in the future. This should yield institutional savings for the thousands of Emory faculty and staff who travel at Emory’s expense each year.

Third, booking through Emory’s air travel providers will allow travelers to bill their airfare to the University directly via SmartKey and avoid paying with personal funds and waiting for reimbursement. Also, the agent-assisted travel providers will help travelers to remain compliant with air travel restrictions for federally-funded sponsored programs and to ensure Emory travel policies for reimbursement are followed. This approach is pertinent in a time when it is more important than ever to thoughtfully attend to Emory’s collective fiduciary responsibility.

“There will be occasions where individual travelers find exceptions to this new policy that seem more economical, but our travelers must be mindful of the fact that the University is managing an annual \$10 million institution-wide airfare program,” says Mike Mandl, execu-

tive vice president, finance and administration. “While I understand that people have personal preferences for specific travel tools, given the thousands of airline trips and millions of dollars spent on air travel each year at Emory, it would be counter to our collective fiduciary responsibility to not move toward this enterprise approach.”

“Ultimately, Emory’s goal is to work through a select group of travel partners that provide the most effective cost

and service overall for Emory travel,” Mandl notes.

For more information on the air travel providers, this policy change and other travel policies, visit www.travel.emory.edu or contact Jennifer Hulsey with Emory Marketplace at 404-727-8096 or Jennifer.Hulsey@emory.edu.

The next issue of Emory Report will include several frequently asked questions on this new requirement.

International SOS helps out in Haiti

International SOS (ISOS) provides medical care and evacuation services for Emory travelers who are traveling abroad. Nicole Dionne, a student at the Rollins School of Public Health, was in Port-au-Prince, Haiti, during the recent massive earthquake. Dionne realized the benefit of ISOS when she was evacuated from the devastation, flown to neighboring Santo Domingo, and later returned to her home in Atlanta.

Dionne was in Haiti working on her thesis as part of the school’s Global Health Program. She was uninjured in the quake, and avoided the constraints others endured in evacuating from the country. Her parents unsuccessfully attempted to communicate with the State Department about her evacuation. In a note of thanks to the University one week after the quake, Russell and Joanne Dionne stated that ISOS was “highly professional and organized” during a potentially dangerous evacuation. They added that their daughter would “undoubtedly still be stranded in Haiti” were it not for ISOS.

Emory travelers are strongly encouraged to create a traveler profile with ISOS at www.travel.emory.edu. Travel itineraries are automatically uploaded when booked through Emory’s air travel providers.

Intestinal bacteria may be culprit in obesity

By QUINN EASTMAN

Increased appetite and insulin resistance can be transferred from one mouse to another via intestinal bacteria, according to research published online March 4 by Science magazine.

The results, from a team led by Emory pathologist Andrew Gewirtz, strengthens the case that intestinal bacteria can contribute to human obesity and metabolic disease.

“It has been assumed that the obesity epidemic in the developed world is mainly driven by an increasingly sedentary lifestyle and the abundance of low-cost high-calorie foods,” Gewirtz says. “Previous

research has suggested that intestinal bacteria can influence how well energy is absorbed from food, but these findings demonstrate that they can actually influence appetite and metabolism.”

Gewirtz, Matam Vijay-Kumar and colleagues have been studying a mouse strain with an altered immune system. The mice were engineered to lack a gene, Toll-like receptor 5 (TLR5), which helps cells sense the presence of bacteria.

TLR5-deficient mice are about 20 percent heavier than regular mice and have elevated triglycerides, cholesterol and blood pressure. They tend to consume about 10 percent more food than their regular relatives, and have elevated blood

sugar and increased production of insulin. In short, TLR5-deficient mice have “metabolic syndrome,” a cluster of disorders that in humans can lead to heart disease and diabetes.

In collaboration with Ruth Ley at Cornell University, Gewirtz’s team found that TLR5-deficient mice had an altered set of the bacterial species in their intestines. Ley’s research has previously shown that intestinal bacterial populations differ between obese and lean humans.

Under certain conditions, many TLR5-deficient mice develop inflammatory bowel disease, while the majority of the mice have chronic low-level inflammation, which may dampen their bodies’

response to insulin.

Treating TLR5-deficient mice with strong antibiotics, enough to kill most of the bacteria in the intestine, reduces their metabolic abnormalities. In addition, transfer of intestinal bacteria from TLR5-deficient mice to regular mice, after they were first treated with antibiotics, conferred many of the characteristics of metabolic syndrome including increased appetite, obesity, elevated blood sugar and insulin resistance.

Gewirtz’s team plans additional research on humans’ intestinal bacterial populations, which are thought to be relatively stable after acquisition at birth from family members.

Water oxidation boosts solar fuel hopes

By CAROL CLARK

Emory chemists have developed the most potent homogeneous catalyst known for water oxidation, considered a crucial component for generating clean hydrogen fuel using only water and sunlight. The breakthrough, published March 11 in the journal *Science*, was made in collaboration with the Paris Institute of Molecular Chemistry.

The fastest, carbon-free molecular water oxidation catalyst (WOC) to date “has really upped the standard from the other known homogeneous WOCs,” says Emory inorganic chemist Craig Hill, whose lab led the effort. “It’s like a home run compared to a base hit.”

In order to be viable, a WOC needs selectivity, stability and speed. Homogeneity is also a desired trait, since it boosts efficiency and makes the WOC easier to study and optimize. The new WOC has all of these qualities, and it is based on the cheap and abundant element cobalt, adding to its potential to help solar energy go mainstream.

Benjamin Yin, an undergraduate student in Hill’s lab, is the lead author on the *Science* paper. Emory chemists who are co-authors include Hill, Yurii Gueletii, Jamal Musaei, Zhen Luo and Ken Hardcastle. The U.S. Department of Energy funded the work.

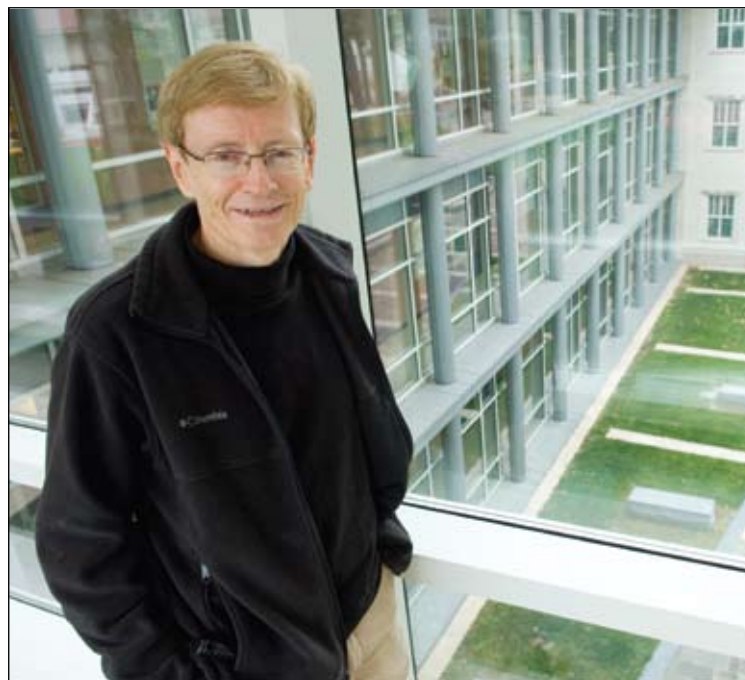
The WOC research is a component of the Emory Bio-inspired Renewable Energy Center, which aims to mimic natural processes such as photosynthesis to generate clean fuel. The next involves incorporating the WOC into a solar-driven, water-splitting system.

The long-term goal is to use sunlight to split water into oxygen and hydrogen. Hydrogen becomes the fuel. Its combustion produces the by-product of water — which flows back into a clean, green, renewable cycle.

Three main technical challenges are involved: developing a light collector, a catalyst to oxidize water to oxygen and a catalyst to reduce water to hydrogen. All three components need improvement, but a viable WOC may be the most difficult scientific challenge. “We are aiming for a WOC that is free of organic structure, because organic components will combine with oxygen and self-destruct,” Hill says. “You’ll wind up with a lot of gunk.”

Enzymes are nature’s catalysts. The enzyme in the oxygen-evolving center of green plants “is about the least stable catalyst in nature, and one of the shortest lived, because it’s doing one of the hardest jobs,” Hill says.

“We’ve duplicated this complex natural process by taking some of the essential features from photosynthesis and using them in a synthetic, carbon-



The lab of Craig Hill, above, led the project. At right, bubbles of oxygen form from water oxidation, catalyzed by the new tetra-cobalt WOC.



BRYAN MELTZ (left) AND BENJAMIN YIN (right)

free, homogeneous system. The result is a water oxidation catalyst that is far more stable than the one found in nature.”

For decades, scientists have been trying to imitate Mother Nature and create a WOC for artificial photosynthesis. Nearly all of the more than 40 homogeneous WOCs developed by labs have had significant limitations, such as containing organic components that burn up quickly during the water oxidation process.

Two years ago, Hill’s lab and

collaborators developed the first prototype of a stable, homogeneous, carbon-free WOC, which also worked faster than others known at the time. The prototype, however, was based on ruthenium, a relatively rare and expensive element.

Building on that work, the researchers began experimenting with the cheaper and more abundant element cobalt. The cobalt-based WOC has proved even faster than the ruthenium version for light-driven water oxidation.

More online

Visit www.emory.edu/EMORY_REPORT to:

- Watch a video about the Emory Bio-inspired Renewable Energy Center, and see how a water oxidation catalyst works.
- Learn how Emory is carving out a unique niche in a Q&A with the center’s director, Brian Dyer.

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Forum

FIRST PERSON

Why I ride my bike to work

Tonio Andrade is associate professor of history

By **TONIO ANDRADE**

Here's a secret about bicycle commuting: It's great. I don't just mean it's good for the environment, although it is. I mean it feels great. I arrive at work with my metabolism active, my blood moving, ready to think and write and plan. I'm fitter than I've been for years.

I realized how much I loved it recently when it rained and I had to drive to work two days in a row. Sitting at lights behind rows of cars I fiddled with the radio dial. I gripped the stick shift. I tapped the steering wheel. My body wished it was moving. The whole day I felt listless.

I started riding to work abruptly one day two years ago. I had stepped out of my car to close the gate behind me to begin my five-mile commute to work and through the open door I heard the announcer say, "Did you know that every mile you drive to work puts a pound of CO₂ into the air?"

A pound per mile. That means 10 pounds a day and 50 pounds a week and 2,500 pounds a year, give or take.

So the next week I enrolled in Emory's Cliff Permit Program. It gives you a free parking pass

good for 12 days of parking each year, with the option of buying more days if necessary (20 days cost \$75).

That means I'm saving around \$50 a month in parking fees, to say nothing about gas and car repairs. Since I started cycling I fill my tank less than once a month, and there's almost no wear on my car. Cycling to work probably saves me \$80 or a \$100 month. That's more than a thousand dollars a year.

But the best thing is how I feel. I've lost 15 pounds. Cycling burns around 25 calories per mile while you're doing it, but just getting your metabolism going in the morning provides all-day benefits. I see all these frustrated drivers stuck at a light tapping their steering wheels. Not me. I'm moving my legs and breathing the morning air and feeling great.

Get in gear

Emory supports a bicycling culture. Learn more about the bicycle commuter program at transportation.emory.edu.

Get started with Bike Emory, which offers safety classes and a free campus Bike Share. Learn more at bike.emory.edu.



"I arrive at work with my metabolism active," says commuter cyclist Tonio Andrade.

BRYAN MELTZ

SOUNDBITES

Cardinal Kasper on speaking of God

"It is time to speak of God, to testify and to think about God." That was the essence of Cardinal Walter Kasper's March 2 lecture.

"Theology means rational responsibility for speaking of God," he said. "Christian theology therefore has to speak of the God who appeared to Moses in the burning bush, of the 'God of Abraham, Isaac and Jacob' and of the 'God of Jesus Christ'."

Noting that "the main Christian churches today no longer have difficulty in reconciling creation and evolution," Kasper said the question of political freedom has become much more controversial than the freedom of science.

"The Church," he said, "does not find her identity by anxiously closing her doors and windows, but by opening them and entering into dialogue with other faiths, never abandoning her own faith but making it inviting, convincing, lively and fruitful."

—Leslie King

'Now is the time for women to roar'

The economic crisis offers "a rare and unique opportunity," according to Women for Women International co-founder Zainab Salbi, "to roar as a single voice."

The author, activist and social entrepreneur gave the Jessica Glasser Memorial Lecture and the Ali P. Crown Lecture to kick off Women's History Month March 1.

Salbi urges women to "roar together" with a single message: "That women must be fully contributing to the macro economic strategies" with "full inclusion of women at the decision-making table."

Salbi says "putting the economic argument first for a partnership between men and women for more stability in the world" is the way to go.

"One woman can change many things, but many women can change everything. This is a time for us to change everything — not fighting about which cause is more important."

—Leslie King

SUMMIT: India through a bilateral lens

Continued from the cover

Sheth, Charles H. Kellstadt Professor of Marketing, titled "India Rising: The Destination Decade." Creekmore is former deputy chief of mission in New Delhi.

A panel on the future of the news media, a growing industry in India, will feature journalists from the Times of India, New Delhi Television, the Wall Street Journal and the Washington Post, cosponsored by Emory's Knowledge Futures

Initiative, which focuses on the transformation of the media and information by technologies.

Another session will bring together U.S. and Indian business executives to discuss conducting commerce between the two nations. Rudy Karsan, CEO, Kenexa; George Post and Matt McGee of UPS; and C.N. Madhusudan, president, The IndUS Entrepreneurs-Atlanta, will participate. Rollins' Usha Ramakrishnan and the School of Medicine's Lucky Jain will explore the status of health access and a panel will discuss education.

The summit will conclude with a session on fostering bilateral relationships, with Creekmore; Gordon Streeb, deputy chief of mission to New Delhi; Anupam Srivastava, director at the Center for International Trade and Security; and Harvard Law's Vivek Wadhwa, founder of Relativity Technologies.

Karan Kothari, a Goizueta senior who helped initiate the EIS, noted, "We plan to make the Emerging India Summit an annual event that will take place every spring."

"It is interesting to listen to perspectives and even more

important to gravitate students of non-Indian origin toward understanding India from an economic, cultural, social and even a civil perspective," he adds.

Gautam Agarwal, founder and president of the Emerging India Summit '10 and a Goizueta senior, said part of the purpose of the EIS is to "successfully create some brand awareness in India" for Emory.

For more information and the full program, see www.international.emory.edu/eis.

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ADVANCE NOTICE

Employee Town Hall looks ahead

Join the Employee Council for the 2010 Town Hall. "Going Forward: A Strong Institution Adapting to a Challenging Environment" is the topic of the annual event, to be held at Tull Auditorium on Thursday, March 18 from noon-2 p.m.

The meeting will focus on the future issues and opportunities facing Emory as it adapts to financial conditions in a new global economy. Speakers include President Jim Wagner, Provost Earl Lewis, Mike Mandl, vice president, finance and administration and Fred Sanfilippo, executive vice president for health affairs. Employees are encouraged to bring questions.

Can't leave your desk? A live web feed begins at 11:45 a.m. at www.emory.edu/town-hall10 and the video will later be posted on www.employee-council.emory.edu.

Observing war's 7th anniversary

Members of the Emory community will observe the 7th anniversary of the war in Iraq on Tuesday, March 16. The event, set for the Dobbs University Center outdoor terrace from noon to 1 p.m., will feature a reading of the names of U.S. service people who have died in the wars in Iraq and in Afghanistan during recent months.

"Once again we plan a commemoration for our service people and their families who have sacrificed immensely during the past seven years in Iraq," organizers STAND with ME (Members of Emory) said in a statement. "Our intent is to offer a neutral, non-partisan observance that unites a larger Emory community in a visible appreciation of the soldiers, civilians and families who have been deeply involved. We also seek to increase the diversity of organizers and participants in this annual event."

For more information, contact Thee Smith at 404-727-0636.

Foster leads talk on marriage book

Frances Smith Foster, Charles Howard Candler Professor of English and Women's Studies, will discuss her new book, "till Death or Distance Do Us Part: Love and Marriage in African America," on Monday, March 22 at 6 p.m. in the Center for Ethics, room 102.

Through letters, poems, sermons, essays, court cases and articles written by slaves and free antebellum African Americans, Foster challenges deeply ingrained theories about slave marriages and the impact they have had on modern African American marital stability.

The Office of Multicultural Programs and Services, Center for Ethics, and Caucus of Emory Black Alumni sponsor this free reading and book signing. For more information call 404-727-6754.

THIS WEEK'S HIGHLIGHTS

MONDAY, March 15

Joe Philpott, Clarinet Recital. 8 p.m. Williams Hall (Oxford). Free. 770-784-8331.

TUESDAY, March 16

"Scratched in Stone: The Isis Temple Graffiti Project." Jitse Dijkstra, University of Ottawa, presenting. 7 p.m. Tate Room, Carlos Museum. Free. 404-727-4282.

WEDNESDAY, March 17

Thangka Painting Demonstration. 10 a.m.-4 p.m. Tate Room, Carlos Museum. Free. 404-727-4282. Also: March 19.

THURSDAY, March 18

"Communications, Canoes and Communities: Towards a Better Understanding of Cancer Health Disparities." Cathy Meade, Moffitt Cancer Center, presenting. 4 p.m. Alumni Auditorium, School of Nursing. Free. 404-727-0722.

FRIDAY, March 19

David Deveau, piano. Noon. Reception Hall, Carlos Museum. Free. 404-727-5050.

SATURDAY, March 20

"The Future of Arts Criticism and the Role of the Academy Symposium." Panelists: Mark Bauerlein, Blake Beckham, Susan Booth, Cinqué Hicks, and Pierre Ruhe. 9 a.m. Reception Hall, Carlos Museum. \$15 advance; \$20 at door. 404-727-5050.

SUNDAY, March 21

"Wonderlands." Salman Rushdie, Distinguished Writer in Residence, presenting. 5 p.m. Glenn Memorial Auditorium. \$10; \$5. 404-727-6022.

To see all campus events, visit the online Emory Events Calendar at www.emory.edu/home/events.

Spring into fiction with readings

The 2009-2010 Creative Writing Program Reading Series concludes with visits by fiction writers Susan Choi and Antonya Nelson.

Choi will give the Feminist Founder's Reading for Women's History Month on March 17, at 6:30 p.m. in the Jones Room, followed by a book signing. The novelist will hold a colloquium at 2:30 p.m., March 18, in N301 Callaway Center.

Nelson will be the reader at Awards Night on April 14, the Creative Writing Program and English Department's annual celebration of student writing, and hold a colloquium April 15.

For more information: www.creativewriting.emory.edu.

EXHIBIT OPENING

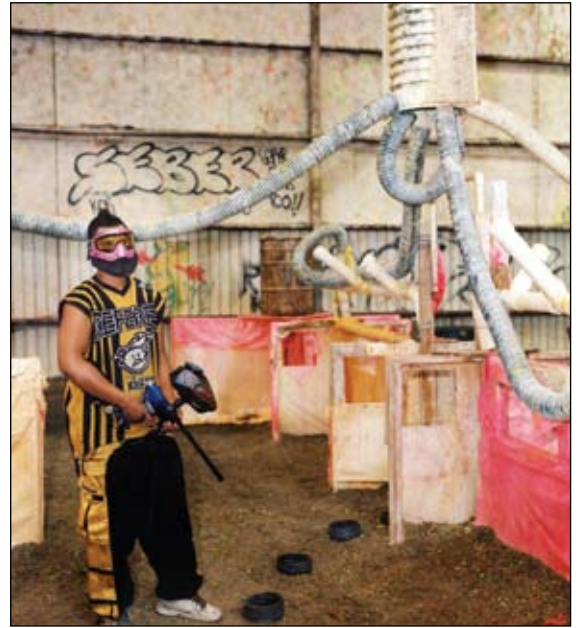
Paintball colors view of war

By JASON FRANCISCO

The final exhibition of "The Lucid Eye: A Year of Photography at Emory, 2009-2010" is "Play War," Ruth Dusseault's ongoing series of pictures about the subculture of paintball in suburbia, and the form of mock-war it represents.

Dusseault, an acclaimed artist who teaches photography at Georgia Tech's College of Architecture, explores paintball's unusual architectural environments, which range from makeshift props in semi-forested locations to elaborate commercial venues with professionally designed sets. With use, these environments become beguiling sculptural installations whose intense and entropic colors form a peculiar sort of fauvist camouflage.

Her portraits of the paintball players — mostly young men donning protective face gear and sometimes elaborate costumes, carrying weapons resembling machine guns that are designed to expel pellets of paint with great force, engaged in strategic games that mimic hunting and military warfare — leave the viewer to decide whether we are looking at harmless play in artfully-designed environments, or a sinister fascination with war expressed through a not-quite-comic form of aesthetic excess.



RUTH DUSSEAULT

"Play War" opens at the Visual Arts Gallery on Thursday, March 18 with a reception at 5 p.m. and an artist's talk at 7 p.m. and runs through April 23. Information: www.visualarts.emory.edu, 404-712-4397.

The Emory-Tibet Partnership Celebrates Emory's 10th Annual

TIBET WEEK

March 22-27, 2010

www.tibet.emory.edu • www.drepung.org

Monday, March 22

Noon **Opening Ceremony.** Sangsol smoke offering with Geshe Lobsang Tenzin Negi and monks from Drepung Loseling Monastery, Inc. (Emory Quadrangle)*

1:00 - 5:00 pm **Mandala Sand Painting and Thangka Painting Live Exhibitions:** Avalokiteshvara, the Buddha of Compassion. Sand painting by the Drepung Loseling monks; Thangka painting by Tenzin Norbu of the Norbulingka Institute

5:00 - 6:00 pm **Meditation** with Brendan Ozawa-de Silva

7:00 - 9:00 pm **Talk: "A Visual History of the Dalai Lamas."** Rebecca Bloom, Assistant Curator of the Rubin Museum of Art

Tuesday, March 23

10:00 - 5:00 pm **Mandala Sand Painting and Thangka Painting Live Exhibitions**

5:00 - 6:00 pm **Meditation** with John Dunne

6:00 - 7:00 pm **Tibetan Study Abroad Programs in Dharamsala, Spring & Summer** Information session led by CIPA Advisors and former student participants

7:00 - 9:00 pm **Film: "Unwinking Gaze: The Inside Story of the Dalai Lama's Struggle for Tibet."** Introduction by Tsondu Samphel. Sponsored by Students for a Free Tibet.

7:30 - 9:30 pm **Talk: "Surviving the Dragon: A Tibetan Lama's Account of 40 Years of Chinese Rule."** Arjia Rinpoche followed by book signing (Drepung Loseling Monastery)*

Wednesday, March 24

10:00 - 5:00 pm **Mandala Sand Painting and Thangka Painting Live Exhibitions**

2:00 - 3:00 pm **Talk: "Surviving the Dragon: A Tibetan Lama's Account of 40 Years of Chinese Rule."** Arjia Rinpoche, followed by book signing

5:00 - 6:00 pm **Meditation** with Susan Bauer-Wu

7:00 - 9:00 pm **Panel: "Science meets Dharma: Transforming Education at Home and Abroad."** Highlighting Emory's educational initiatives, including the Paideia compassion project and the Emory-Tibet Science Initiative. Featuring Geshe Lhakdor, Director of the Library of Tibetan Works and Archives.

Thursday, March 25

10:00 - 5:00 pm **Mandala Sand Painting and Thangka Painting Live Exhibitions**

5:00 - 6:00 pm **Meditation** with Bobbi Patterson

7:00 - 9:00 pm **Talk: "Why the Dalai Lama Matters."** Robert Thurman, Jey Tsong Khapa Professor of Indo-Tibetan Buddhist Studies, Columbia University (Canon Chapel)*

Friday, March 26

10:00 - 5:00 pm **Mandala Sand Painting and Thangka Painting Live Exhibitions**

5:00 - 6:00 pm **Meditation** with Brooke Dodson-Lavelle

6:30 - 8:30 pm **Kids @ the Carlos:** Mandala Workshop with Drepung Loseling monks

7:00 - 8:30 pm **Gallery Talk:** Marguerite Ingram discusses Tibetan works in the Museum's permanent collection (Level One Galleries, Carlos Museum)*

Saturday, March 27

1:00 - 2:30 pm **Talk: "Symbolism of the Mandala"** with Geshe Lobsang Tenzin Negi and **Closing Ceremony** with Drepung Loseling Monks

8:00 - 10:00 pm **Performance: Sacred Music & Sacred Dance** with the Tibetan monks and the **Dharma Bums.** Tickets: \$20/advance in the Carlos Reception Hall during Tibet Week or by phone: 404.982.0051. \$25/door. \$10 w/Emory ID (Glenn Memorial Auditorium)*

* All events held in the Carlos Museum Reception Hall, except as noted

These events are made possible through the generosity of the Shelley and Donald Rubin Foundation, the Emory-Tibet Partnership, the Michael C. Carlos Museum, the Claus M. Halle Institute for Global Learning, the Department of Religion, the Office of International Affairs, the Norbulingka Institute, the Nat C. Robertson Professorship in Science & Society, Drepung Loseling Monastery, the Center for International Programs Abroad, Students for a Free Tibet, and the Hightower Fund.