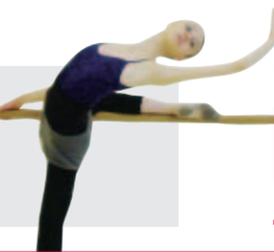


The art of business
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Tyler program crosses disciplines to create community art.
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'Hardball' host to receive Low Klein award.
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TEMPLE TIMES

www.temple.edu/temple_times

October 20, 2005

Vol. 36, No. 9

Planting the seeds of hope



Photo by Douglas Engle, www.douglasengle.com

Temple grad Elisa Ranck installs plants in a hydroponic grower near the Christ the Redeemer statue in the Santa Marta slum in Rio de Janeiro, Brazil, in August.

Josh Meyer is used to people saying no. • When he first traveled to Rio de Janeiro's shantytowns and envisioned hydroponic rooftop gardens as a fix for Brazilian malnutrition, many people rejected his ideas as too costly and his designs as too unwieldy. Still others told him that his quixotic plans would never fly in the *favelas*, slums overrun with drug trafficking gangs

and corrupt cops. Meyer even faced self-doubt about how much hope he, an outsider, could bring to the grim realities of Dona Marta, Rio's most-known — and most-guarded — *favela*.

Upon returning to Temple in August 2004 with his plans for Rio, however, Meyer started to hear lots of yeses.

Professors supported his theories and challenged him to make them stronger. An environmental studies major, Meyer recruited a group of classmates with a diversity of majors — engineering, landscape architecture, film — to pitch in with the project. The Provost's Office and the students' academic deans quickly embraced Meyer's plans, committing nearly \$10,000 to fund an initial student trip to Brazil in December 2004.

Soon after, the Provost's Office created an Undergraduate Research Incentive Fund, a yearly pool of \$20,000 that is distributed to worthy student projects, on the condition that each student's academic department pays half the cost. It was from this source that Meyer and five other Temple students were

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able to continue their experiments in Rio during the summer. (They also netted an additional \$7,500 from private donors.) Accompanying Meyer were film majors Matthew Rascone and Fernando Regencio; geography and Spanish major Lauren Bolinger; and recent graduates Joseph Lulis and Elisa Ranck.

Toward the end of their August trip, reporter Marion Lloyd joined them for a *Chronicle of Higher Education* story that appeared on Oct. 14 (see page 4).

A senior, Meyer hopes to continue the project, formally titled the Latin American Technology Transfer, in conjunction with Temple after he graduates. He has formed the Urban Center for Sustainability on campus, a student initiative to raise the ecological, economic and social standard of living for city dwellers through academic knowledge and ingenuity.

Having seen his vision of simple, low-cost hydroponic gardens take root in Dona Marta, Meyer is now confident that Latin American residents will say yes to his idea and the technology will spread throughout the region.

— Ted Boscia

Working green roof unveiled at Ambler

By Jim Duffy
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It's difficult to imagine a less natural setting than an urban center such as Philadelphia, where it can be rare to see any vestige of the natural environment amid the gray-shaded mosaic of steel, stone and glass.

And yet just a few miles outside the city, students and teachers at Temple University Ambler's landscape architecture and horticulture department are doing their part to speed up the urban greening process. Through research and demonstration of green roof technology at the Ambler Campus, they are developing the ability to restore cities like Philadelphia to William Penn's vision of a "green country town" — this time, from the top down.

A leader in the field

The use of green roof technology, already popular in Europe and parts of Asia, is slowly expanding in the United States.

Green roofs are a living biological community of plants and microorganisms growing in a lightweight medium that provide an environmentally sound alternative to a traditional roof system. The technology is believed to help reduce the "heat effect" that occurs in cities, and is becoming more common in the United States and around the world.

At the 2002 Philadelphia Flower Show, Temple landscape architecture and horticulture students provided the inspiration for the current green roof research taking place at the Ambler Campus, bringing home a Best in Show Award in the Academic Educational category for a comprehensive green roof technology exhibit. Three years later, Temple remains at the forefront of green roof technology research.

Green roof on page 5

Wachman looks back on life of education

By Betsy Winter
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Marvin Wachman has been in school a very long time. In a winding path determined by focus, connections and in some cases, luck, Wachman's experience ranges from professor at a small, comfortable college in upstate New York to director of an international scholars program in Austria to president of a large urban university in southeastern Pennsylvania.

"I'm closing on 90," Temple's sixth president said recently, "and even I look

Books

back and wonder: 'How did I do that much stuff?'"

In his memoir, *The Education of a University President*, recently published by Temple University Press, Wachman often connects his anecdotes with their lessons, which come to bear in later stories.

The son of Russian immigrants who had little formal education, Wachman grew up in Milwaukee. There, he explains, a job delivering newspapers had two major impacts on his life. First,

losing six years' savings at the age of 16 in the Great Depression taught him to be "very conservative in taking financial risks," a tendency that would serve him well later, particularly at Temple. Second, the paper route took him past a tennis club each day, where he began to play in exchange for helping maintain the courts.

Wachman quickly became an excellent player, and tennis opened many doors, including a scholarship to attend Northwestern University, where he earned bachelor's and master's degrees in histo-

Wachman on page 6



Temple's sixth president, Marvin Wachman, recently published his memoir, *The Education of a University President*, through Temple University Press. Though he retired in 1982, the president emeritus is still active at Temple, working from his office in Conwell Hall and regularly dining at the Diamond Club.

Bits&PCs

Colleges participate in course scheduling pilot program

At the request of the Office of Planning and Policy Analysis, Computer Services is developing a Web-based course scheduling application called the Section Information Management System. SIMS, which debuted in April, is currently being used in a pilot program to create the spring 2006 course schedules for the College of Liberal Arts and College of Science and Technology.

SIMS uses messaging technology to synchronize itself with ISIS — the official University repository for course schedule information — while providing a variety of additional features. For example, it provides a planning platform for schedule building that is not available in ISIS. Departmental staff members can propose a course schedule that then can be reviewed, adjusted and approved by their department chair before it is finalized by a dean's office administrator and approved for publication.

SIMS also offers enhanced record selection, sorting and display features that make it easier for the schedule builders to isolate and work with just the section information they need.

Computer Services is continuing to develop the SIMS application to provide additional features in the areas of day/time schedule matrix monitoring, room scheduling and cross-listed section processing. It is anticipated that SIMS will soon be made available for general release to the University's non-professional schools and colleges.

For more information about SIMS, e-mail sims@temple.edu.



Check your junk mail folder

TUmail has a junk mail filter that flags spam messages and places them in your junk mail folder. Messages remain in your junk mail folder for 30 days and are then deleted. Mail filtering is not perfect, however, since spam messages are sometimes overlooked, while legitimate messages are flagged as junk mail.

If you notice a spam message in your Inbox, open it and select "This is Spam." The sender will then be added to the Black List and the message will be moved to the junk mail folder. By being added to the Black List, all future messages from that person will be automatically flagged as spam and placed in the junk mail folder.

It is also a good idea to periodically check your junk mail folder in TUmail. If a legitimate message appears, open it, and then click on "This is Not Spam" followed by "OK." This will add the sender to the White List and move the message to the inbox. When a sender is added to the White List, messages from that that person will no longer be flagged as junk mail.

For more information on using TUmail features, go to www.temple.edu/cs/tumail.

Council aims to nurture entrepreneurship

By Rebecca Carroll
rcarroll@temple.edu

In today's economy, entrepreneurship is not just for business majors.

Recognizing this, The Fox School of Business and Management has been promoting one of its key tenets — entrepreneurship throughout Temple. Leading the way is the school's Innovation and Entrepreneurship Institute, which recently created the Temple University Council on Entrepreneurship to unite all 17 schools and colleges at Temple in helping students, staff, faculty and alumni strive toward entrepreneurial success.

According to Chris Pavlides, executive director of the IEI, the goal of TUCE is to "provide an alternative career for students and inspire them to think entrepreneurially. In addition to their own field, they can decide at some point to start a business of their own. We're trying to give them the tools and experience they need."

A \$50,000 grant from the Ewing Marion Kauffman Foundation made this cross-school collaboration possible. David Barsky, who is pursuing his doctorate in business, used part of the grant, under Pavlides' supervision, to survey and identify the large need for entrepreneurship education throughout the University. TUCE was created from this initiative.

"Enabling entrepreneurship is at the core of the Fox mission," said M. Moshe Porat, dean of the Fox School. "I'm happy that entrepreneurship at Temple is thriving. Students, faculty and staff from every Temple school are participating in both IEI and TUCE programs and are developing their own ideas."

Each Temple school and college is represented in the council



Photo by Marisa Doan

Rebecca Davis, a Fox School of Business alumna who majored in entrepreneurship and now heads the Rebecca Davis Dance Company, will be a panelist at the school's Conference for Entrepreneurship in the Arts on Oct. 28. The conference is part of an initiative to encourage entrepreneurship throughout Temple, across a range of disciplines.

through a senior administrator. In August, the council held its inaugural monthly meeting at The Fox School and adopted TUCE's charter. The September meeting was held at the School of Communications and Theater.

Betsy Leebron, professor of broadcasting, telecommunications and mass media at the School of Communications and co-chair of Temple's League for Entrepreneurial Women, said, "It's great to be in a room where everyone is interested in entrepreneurship. For students who don't come from a business background, this will be a good opportunity to have a first-hand experience of the business world."

TUCE's efforts to integrate entrepreneurship across Temple will become visible this month, with the Conference on Entrepreneurship in the Arts: "From Talent to Venture." According to Pavlides, the goal of the conference is to inform students who wish to pursue careers in the visual and performing arts that there are other options for them.

Co-sponsored by The Fox School, the School of Communications and Theater, the Tyler School of Art, the Esther Boyer College of Music and Dance and the School of Tourism and Hospitality Management, the Conference on Entrepreneurship in the Arts the first in a series of events focusing on entrepreneurship in different fields. The second, on funding biotech companies, will take place in November.

Panelists for Entrepreneurship in the Arts include Bill Johnson, managing director at WRTI, who is also an artist and an entrepreneur; and Fox School alumna Rebecca Davis ('04), artistic director of the Rebecca Davis Dance Company (www.rebeccadavisdance.com). The moderator is Tom Kaiden, COO of the Greater Philadelphia Cultural Alliance. (For a complete list of presenters and topics, visit <http://sbm.temple.edu/iei/ArtsConference.html>.)

Davis, who majored in entrepreneurship at Fox, won the school's business plan competition in 2004 and incubated her busi-

Upcoming TUCE events

"Entrepreneurship in the Arts: From Talent to Venture"

Oct. 28, 8:30–11 a.m. (includes breakfast)

Tuttleman Learning Center, room 105.

Free for Temple students and faculty with TUID.

<http://sbm.temple.edu/iei/ArtsConference.html>

"Entrepreneurial Engineers Are Not Robots"

Oct. 28, 12:40–1:30 p.m.

Engineering and Architecture Building, room 126.

Temple students, faculty and the public are welcome. Admission is free.

"The Real Deal: Funding Strategies for Early Stage Biotechnology Companies"

Nov. 15, 7:30–11:30 a.m. (includes breakfast)

Desmond Hotel, Malvern

Free for Temple students and faculty with TUID. All others: \$30 paid by Nov. 7; \$40 at the door.

<http://sbm.temple.edu/iei/biotech.html>

Conference on social entrepreneurship

March 23

Details to come.

ness at Temple's Small Business Development Center, is particularly interested in spreading the message of entrepreneurship throughout Temple.

"I want to encourage students to get involved with as many business courses as possible," Davis said. "I am able to cultivate all of my community support by using my business rationale, and not just my artistic ability." ◆

Intern-turned-exec encourages students



Photo by Stephane Jean-Baptiste

Warner Music Group executive vice president Kevin Liles visited Temple recently with a message of perseverance, determination and hope. Liles, former president and CEO of Def Jam Records, discussed how he rose from unpaid intern to a top executive at one of the largest music companies in the world. In addition to signing copies of his new book in the Great Court, Liles presented a \$2,500 check to the Main Campus Program Board for outstanding work in student programming, enhancing campus life and helping "Make It Happen" (the title of his book) for students throughout the year.

TEMPLE TIMES

www.temple.edu/temple_times

October 20, 2005

Vol. 36, No. 9

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Temple Times is published by the Division of University Communications each Thursday of the academic year.

I wish some of the kids lived in my neighborhood Both black and white kids bussed I remember feeling almost like a specimen

I haven't thought much about why I was bussed

One of two black girls in my grade

I grew up in Quakertown Pennsylvania

So what are you?

Like I'm some kind of animal

So what are you?

Almost like a specimen

Arts project reaches deep into community

By Betsy Winter
betsy.winter@temple.edu

When Billy Yalowitz first visited the Church of the Advocate in 2000, he knew this was the center he'd been seeking in order to establish a new community arts partnership.

Yalowitz had just joined Temple as an assistant professor in the art and art education department after several years as an adjunct in the University of Pennsylvania's theater department. Now, he was looking for stories in the North Philadelphia community, and artists and community organizations to partner with, for a new interdisciplinary program between the North Philadelphia community and Temple.

The church, which houses an organization supporting contemporary black art called Art Sanctuary, had been a focal point for the civil rights and Black Power movements of the '60s, and is a historic national landmark.

"It's really a national treasure in terms of its role in civil rights and the African-American [liberation struggle]," Yalowitz said.

Working with Art Sanctuary founding director and writer Lorene Cary, a three-year pilot program called the North Project was formed, combining after-school programs for area youth, University courses and intergenerational forums in the community. The collaboration would have many benefits for community members of all ages, as well as for the Temple students who worked with them. The culmination of the project is an annual spring performance in the Church of the Advocate, incorporating high-school students' performances, community artists' works and elders' stories, and Temple students' documentaries, art and multimedia presentations.

"Reciprocal interaction between the University and the community has been the hallmark of the project," Yalowitz said.

"This type of program challenges assumptions: the University's about what defines art knowledge, and the community's about its ability to access external cultural and intellectual assets on its own terms," Yalowitz explained.

"Each has needs from the other and assets to offer the other."

Now in its fifth year, the Cross-Disciplinary Arts in Community Program at the Tyler School of Art has turned stewardship of the North Project over to Art Sanctuary and is a consulting partner in creating the performances, which take six months and more to prepare. Planning meetings for the April 2006 performance began earlier this month and registration for Temple students to take part during the spring semester is under way now.

The 'brown paper bag' test

The productions, largely featuring local high school youth, are pure electricity.

Each year, the performance centers around a theme relevant to the neighborhood it's based in: In its first year, the theme was "North Called Home"; in 2004, the theme commemorated the anniversary of Brown v. Board of Education with "Reflections in Brown: Separate/Unequal/Still?" The most recent performance focused on young people's experiences in "Souls of Young Folk."

"Souls" played to a packed sanctuary in April 2005. In an evening that ranged in mood from passionate to somber to contemplative to celebratory,



In last spring's "The Souls of Young Folk," the Art Sanctuary youth ensemble performed African dance while video projections appeared on the screen behind them. The video was created and arranged by Temple students. Photo by Nate Clark

the youth acted out scenes about their neighborhood and its history, taught the audience about segregation, sang about their place in the world, and danced dressed in traditional African costume to live African drumming.

Behind them and to each side of the stage, projections on large screens created by Temple students supported their messages. During the neighborhood scene, film footage of Diamond, Norris and Susquehanna streets rolled behind a young girl talking with a community elder about pride and socialization through block parties.

While children called on audience members to take the "brown paper bag" test, explaining that the Cotton Club in the '20s and '30s had refused entry to anyone whose skin was darker than the bag, the screens displayed bags with written words: "Color me human"; "It's just skin"; until the final bag was crumpled in a fist and torn apart.

Between scene changes, documentary-style "public service announcements" showed young schoolchildren reading poetry. As part of the performance process, local artists had conducted poetry workshops on themes from "Souls" in two of Temple's partnership elementary schools, Duckrey and Dunbar. Temple students shot video of the children reading their

works, which were edited by Karen Malandra, a doctoral candidate in Temple's urban education program and coordinator of the Arts in Community Program.

In the short videos, small children clutched the papers with their poems and shuffled nervously as they read their feelings about their fathers and mothers, their neighborhoods and their self-images. Still shots of the classroom often followed the videos, showing previous young readers in relaxed poses, now smiling un-self-consciously.

Crossing disciplines while exploring lives

As a space, the Church of the Advocate is impressive. A gothic cathedral amid brick rowhomes, its stained glass and vivid indoor murals depicting scenes and figures from the civil rights movement add weight to the performances and messages.

"The church is a place where we can create per-

formances based on oral histories and the local knowledge of the community," Yalowitz said. "The elders there became our first local scholars."

In a field where artists work with community members to create artworks that are based on and reflect them, North Philadelphia and the church are a rich resource.

"The community's stories become a sort of text for the Temple students, who in turn take their arts disciplines in new and unexpected directions," Yalowitz said.

In the Cross-Disciplinary Arts in Community Program, students from across Temple's schools and colleges take a sequence of three courses: theory, methodologies and specific communities, and a field internship.

The work they do is, by its nature, interdisciplinary, drawing from all of the arts and the liberal arts. "Dance, theater, communications, urban studies — all of these students are needed to make it work," Yalowitz said. "The program encourages undergraduates and graduate students to apply their resources and intellectual disciplines to create artworks that are highly interactive and rigorous."

For master's students and faculty, the work they do generates scholarly activities, including publishing and presentations in local and national conferences.

In the growing field of community-based art, Temple is gaining recognition for the work of people such as Yalowitz and Malandra, who were joined last year by installation artist and new art and art education faculty member Pepón Osorio at the Tyler School of Art, as well as Eli Goldblatt in the College of Liberal Arts. Temple's Cross-Disciplinary Arts in Community Program is the first of its kind on the East Coast, and in spring 2006, the University will co-host a conference on community arts with Art Sanctuary and another local community arts organization, the Asian Arts Initiative.

Senior geography and urban studies major Elena Botkin-Levy, who participated in the "Reflections in Brown" program in 2004. "Basing our learning in the real world, with real people, in actual projects has made me better able to internalize and really learn information and concepts, as well as more aware of myself and how I want to effectively work for change in the world."

For more information about the Cross-Disciplinary Arts in Community Program at Tyler, call 215-204-9147. Students who would like to become involved in community arts projects can register for Art Education 251, "Interdisciplinary Seminar in Community Arts," for spring 2006.

Art Sanctuary: www.artsanctuary.org

For more on the growing field of community-based art, visit the Community Arts Network Web site: www.communityarts.net.

In the 2004 performance "Reflections in Brown: Separate/Equal/Still," Temple M.F.A. in dance student Shavonn Norris danced in a live performance incorporating community parent Linda Tate, while a screen played scenes from Temple students' personal educational biographies. Over it all,

a poetic compilation of their stories (wrapped around this page) was read aloud. The audio collage and text were arranged by geography and urban studies student Elena Botkin-Levy and American studies student Erik Moe. The scene was titled "Essays between hope and fear."

Students plant gardens of hope on the

By Marion Lloyd

For The Chronicle of Higher Education

RIO DE JANEIRO, Brazil — High above the stunning beaches and luxury apartment complexes of this city, hundreds of terra-cotta-block structures cling precariously to a steep cliff. Raw sewage flows freely down the hillsides. Rotting garbage fills the rocky ravines. Teenage drug traffickers patrol the alleyways, AK-47's slung across their chests.

Welcome to Santa Marta, one of the city's more than 800 shantytowns, known here as *favelas*. The *favelas* are home to an estimated 1.5 million people who, apart from enduring desperate poverty, are caught in the crossfire of a drug war that claims thousands of lives in the city's slums every year.

A graffitied message at the entrance to Santa Marta says it all: "The rich want peace to continue being rich. We want peace to continue living."

But atop a crumbling, two-story tenement here, an unusual experiment is under way that seeks to alleviate one of the slum's many problems: malnutrition. It's a hydroponic vegetable garden, hanging incongruously from a bare, concrete wall. Baby lettuce, watercress, and chives peek out of a futuristic network of silver pipes and blue plastic tubes. Pink and yellow flox spring from another pipe, a splash of color against this otherwise desolate landscape.

Santa Marta seems an unlikely testing ground for organic "green roof" technology. But for Josh Meyer, a senior environmental-studies major at Temple University, that's just the point.

"The idea of someone with little education using this technology is almost unheard of," he says as he places seedlings in one of five experimental gardens that he and fellow Temple students are building inside the slum. "Everyone told us this wouldn't work."

But Mr. Meyer, who is a double major in chemistry and speaks four languages in addition to Portuguese, is not easily discouraged. He has set out to dispel the myth that hydroponics — the method of growing plants in nutrient-enriched water instead of soil — is a luxury of the rich. "There's this idea that it's very hard to do and very expensive," he says.

In fact, he argues, the technology is ideally suited to the needs of



Photo by Douglas Engle, www.douglasengle.com

Brazilian agronomist Luiz Dias da Mota (background) helps install plants in a hydroponic grower in the Santa Marta slum in Rio de Janeiro in August.

favela life. "One problem is space and the other is money," he says. "But it's a cheap project that doesn't take up space."

He and the other students have developed a system using inexpensive plastic tubes and pipes that costs about \$25 per garden. The idea is to give residents the means to grow their own produce. Although hydroponics does not work for root vegetables and trees, which require soil and space, the system is ideal for growing a wide variety of plants like tomatoes and beans.

"No one knows about the importance of eating vegetables in the *favela*," says Inês de Rezende, a 54-year-old nurse who offered her

rooftop patio as a test site for one of the gardens. She notes that most of her neighbors cannot afford to buy produce on their average monthly salaries of \$200. Others are too old or sick to make the journey to the nearest market, a 45-minute trip that involves climbing down the dizzyingly steep concrete staircase that connects the slum to the city below, and then taking a bus. (The few stores inside the slum sell mostly canned goods, beans, and rice.)

The students are working with a local nongovernmental organization, Viva Rio, which directs dozens of development programs in the *favelas*. Eventually they hope to expand the hydroponics project throughout the city's slums, and possibly even reproduce it in poor neighborhoods around Temple, in Philadelphia.

Mr. Meyer began thinking of ways to use environmental technology to solve problems in the *favelas* while on a trip to Brazil a year ago. He surfed the Internet, and stumbled upon a program using hydroponics in the slums outside Bogota, Colombia.

The Colombian project is backed by the United Nations, but the Temple students have been left to their own ingenuity. The team includes six students with majors as varied as film and geography, and a recent graduate in sociology, as well as a Brazilian agronomist and a nurse, who helps explain to residents of the *favela* the importance of vegetables in a balanced diet.



Photo by Lauren Bolinger

The *favelas* of Rio de Janeiro, Brazil, fight for space on the sides of the hills above the city.

After months of experimenting with models — including an on-site test in another *favela* during an earlier trip to Rio in December — the team developed a system that is surprisingly simple. Plant seedlings are placed into inch-wide holes in plastic pipes, which are covered with tinfoil to keep the sun from reaching the roots. Used five-gallon water jugs serve as tanks for the chemical-nutrient solution, which is circulated to the roots through plastic tubes using inexpensive electric pumps.

The system is extremely lightweight and portable — a must for slum residents, who are constantly in the process of building new floors onto their houses as they can afford to. It can also be hung from balconies, and requires less water than conventional soil gardens. And the produce not only grows more quickly — a head of lettuce takes a month to mature, instead of the usual six weeks — but also doesn't require pesticides.

The students are also experimenting with using bamboo, which grows like a weed in the jungle above the *favela*, instead of the PVC pipes, which cost money and contain chlorine residue that can be harmful.

"The idea is to use only locally available materials and to be as environmentally friendly as possible," says Mr. Meyer. He is struggling to keep water from overflowing from a hanging garden by adjusting the distance between the pump and the pipes.

Matthew Rascone, a senior film major, is capturing the scene for a documentary that he and another student are producing on the project. Their job has not been easy. Days before, the students accidentally filmed several drug traffickers who were hanging out on a nearby rooftop. "They told us, 'Don't film. We have guns!'" says Mr. Rascone, shuddering at the memory.

flee the slum after gun battles broke out between the traffickers and the city's SWAT team.

Lauren Bolinger, a senior geography and Spanish major, describes her shock when a group of traffickers came racing down the steps carrying automatic weapons, grenades strapped to their waists. But, she says, "you get used to it after a while."

The garden project is rare in being entirely a student initiative. In fact, the Temple provost's office was so impressed with the idea that it contributed \$20,000 to the project. The students raised an additional \$7,500 from private donors in the United States.

Using environmental technology to tackle problems in poor communities is a longtime passion of Mr. Meyer's. He and Ms. Bolinger are members of Students for Environmental Action, a campus group that is negotiating with the Temple administration to invest in alternative energy.

In 2004, Mr. Meyer was awarded a \$5,000 Morris K. Udall scholarship — a prestigious environmental award from the U.S. government — for his work planting trees in poor neighborhoods around Philadelphia. And before arriving in Brazil in late July, he led a student project in the Dominican Republic building a prototype of a household windmill to generate electricity. The impoverished Caribbean country suffers from a severe energy shortage, resulting in daily blackouts.

The prototype cost about \$500 to build, compared with the \$4,000 that windmills can cost in the Dominican Republic. However, the project needs more work; although the windmill's blades turned, it did not produce any electricity.

The students have had an easier time exploiting the potential of hydroponics. "It took two days for the workers here to figure it out," says Mr. Meyer. "If 100 learn and 20 go out and do it, that's great!"

Ensuring that the project becomes self-perpetuating remains a challenge, however. One possibility is for Viva Rio to set up a distribution center to supply chemicals to residents. The organization could also grow the plant seedlings in a nursery it operates on the outskirts of the city, and then sell them cheaply to poor residents.

"I imagine that it will be complicated at first," says Mr. Meyer, as he scrambles up the *favela's* steep staircase on his way to another garden site. "But I'm sure we'll find a solution." ♦

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Photo by Lauren Bolinger

Hydroponic gardens built by Temple students in Rio can be attached to roofs or walls and are easily moved. The vegetables grow in enriched water, which is circulated through the tubes and hoses by an inexpensive electric pump.

rooftops of Rio

Josh Meyer

Senior, environmental studies

"The rich want peace to continue being rich ... we want peace to continue living."

Seeing those words spray-painted on the entrance to Dona Marta makes you wonder, "Why am I wandering into this neighborhood known for violence in the first place when I could stay comfortably outside?"

The first thing that surprised me, and what stays to me to this day, was that amid the poverty and crime, I felt a strange sense of civility. Here we were, a group of foreigners in the midst of such extreme poverty, yet no one tried to take advantage of us or harm us. Throughout the project, we would leave objects of value lying around, and no one stole anything. When we bought food, no one tried to rip us off. When we walked by the traffickers'

checkpoints, they would often recognize us and put their weapons out of sight, out of courtesy. I quickly realized that this was not the most dangerous place to be, no matter what I had thought after watching *City of God*.

For me, the friendships that formed over the short time outweighed everything. I had worked



Photo by Douglas Engle

in Europe for a couple of years and still never felt as welcome there as I did in Dona Marta. The people there were just happy to get to know us. They never complained about the U.S. or harassed us for being Americans. Instead, they were interested in learning from us, and in teaching us about their world.

This experience offered me so much more than any classroom lecture ever could. But this project gave me the chance to see what I actually would do, and also how the people whom I was trying to help would

react to what I did. I was glad to see that my knowledge was welcomed. I was also glad that I got to experience a sense of com-

munity that I had never felt before. It made me realize that we are not all that different. The wealthy people of Ipanema don't want to live in fear of being assaulted any more than the people of Dona Marta want to worry about a war breaking out in their community. I guess, deep down inside, we all want peace to continue living. ♦

"This experience offered me so much more than any classroom lecture ever could."

Lauren Bolinger

Senior, geography and Spanish

place like Santa Marta. There were days we had to leave because of tension between the police and the drug traffickers. One day, brief gunfire broke out. There were days when members of our group were frisked and searched by police. After a while we got used to seeing these things, but we always had to remind ourselves to never feel too comfortable.

We met many fantastic people, who opened their homes and their lives to us, and who made the whole experience, absolutely amazing. From the time our friend Gabriel (whose relatives owned one of the houses we were working at) took us on an afternoon-long hike to the Corcovado through the steep, bamboo forests of the

Mata Atlantica, to the first time I saw a trafficker holding an AK-47; from the evening we spent at the community's June Festival, watching all the children perform upbeat dances and the residents come together as one, to the times we were forced to leave work early because of problems with the police. It was inspiring to see that perfection does exist even in the most imperfect of settings.

And in a place where so much is bad, it made me happy to think that we were a part of something good. ♦

"It was inspiring to see that perfection does exist even in the most imperfect of settings."



Photo by Douglas Engle

When we entered Santa Marta, the *favela* where we worked in Rio de Janeiro, I felt as if I was entering into a place I shouldn't be. That first day, I was more aware of the fact that I am a middle-class, English-speaking American than I have ever been in my life. But as our time in Santa Marta and our project (as well as my Portuguese proficiency) progressed, that feeling went away. The more time we spent in the community, the more people we got to know, the more they accepted us and allowed us to be a part of their lives. That in itself was probably one of the most rewarding aspects of our trip.

Getting to work with the local children was also great. They were so quick to befriend us the first day we met them at the cultural center, situated high atop Pico Dona Marta. After being there only an hour, they had grabbed each of us by the hand and were pulling us all over the building, so proud to show us the view of Christ the Redeemer, all the books in their library and the costumes for their upcoming play.

It wasn't always fun and games though, of course. It never is in a

Green roof unveiled at Ambler

Green roof from page 1

On Oct. 11, Temple Ambler unveiled a demonstration rooftop garden on the campus' new Intercollegiate Athletics Field House, built with the assistance of a \$50,000 grant from PECO.

The new green roof will tie directly into the mission of the Landscape Arboretum of Temple University Ambler in promoting an understanding of the relationship between people and the environment and "awareness of both the need for and the means to achieve greater environmental responsibility," according to arboretum director Jenny Carey.

"We believe that roof gardens can have a beneficial effect on the environment, but we're not going to reap that benefit until there are more people who understand and are willing to embrace the technology," she said. "A physical demonstration that people can see and experience will help answer many of the questions they might have and, hopefully, alleviate some of the resistance there might be for this concept."

A living laboratory

The green roof garden will provide substantial educational and research opportunities for students and faculty. Horticulture senior lecturer Sinclair Adam, landscape architecture assistant professor Skip Graffam and horticulture assistant professor Jun Yang are researching the types of plants that would be most viable for green roof plantings in the region.

The plants that make up Ambler's PECO Green Roof Garden are made up of several species, most notably many types of sedums — a drought- and humidity-tolerant succulent plant, typical-

- Green roofs are alive; a living biological community of plants and microorganisms growing in a lightweight medium that provide an opportunity to revitalize urban landscapes ecologically, economically and socially.

- Modern green roof technology was pioneered in Germany more than 30 years ago and has become a staple of design in many European countries — 12 percent of all flat roofs in Germany are green roofs. In the past few years, interest into green roof technology has begun to take root in the United States.

- Nearly 50 percent of the world's population and more than 220 million Americans live in densely developed urban environments.

- This transformation of the Earth's surface and termination of its biological processes has resulted in a deteriorating air quality, degraded water, and devastating urban "heat islands" — traditional roofs generate intense reflective heat. In warm climates, when air temperatures can reach 95°F or higher during the summer, roof surface temperatures can reach 175°F. An increase in the outside air temperature over roof surfaces contributes to and accelerates the chemical reaction that creates low atmospheric ozone, a primary component of smog.

- By their nature, green roofs mimic the natural processes that buildings



Photo courtesy Temple University Ambler

Horticulture staff supervisor Karen Watts and student Chris Zeek work on the green roof garden on Temple University Ambler's new Field House. The rings are provided as something for students and staff working on the roof to grab for balance.

ly with thick, waxy leaves — and della spermum, another succulent that often goes by the name "free-way daisies" or "ice plants" for their hardiness and need for little maintenance.

"We are doing research in our greenhouse to determine plants that can endure the elements, such as greater extremes of heat and cold. Currently, we're checking sedums and experimenting with growth rates," Adam said. "It's an opportunity for our students to observe how this technology is moving forward and will essentially act as a 'lab' building for us to conduct actual measurements."

According to Adam, the next step in developing the already growing green roof "is to acquire a number of native plants to continue to develop the roof system for our research."

Proposed research involving the new green roof garden includes the acquisition, study and cultivation of new plant material; continued study of the green roof's impact on

A green roof primer

replace. The plant system has a positive impact on air, noise and water pollution — atmospheric pollutants carried in rainwater are filtered through the plants and microorganisms, effectively serving as a bio-filter for improving water quality.

- Green roofs provide extra insulation, helping to conserve energy in the winter and in the summer when the green roof substantially decreases roof temperatures, making it easier to cool the structure — temperature differentials between green roofs and non-greened roofs can be more than 20 degrees on the roof surface.

- Green roofs contribute to better stormwater management by trapping more water on the roof during a storm and decreasing the speed with which stormwater makes its way into the ground systems — an important aspect of the technology, considering the attention focused on flood mitigation in the wake of an intense hurricane season.

- Green roofs potentially increase the local biodiversity by providing habitat areas previously unavailable for animal life, particularly for nesting birds.

- There are a few significant examples of green roof technology in use in the United States, including Atlanta City Hall; the Seattle Justice Center; Ford Motor Co.'s Rouge

energy efficiency, water quality, water retention and roof temperature; development of a green roof course and additional independent study programs; and increased educational outreach programs to promote green roof technology.

Evaluation of the green roof runoff will include measurements of nitrates, phosphates, pollutants and other water quality measurements. The potential impact of green roof technology on storm water management will be evaluated by measuring the volume of water held by the green roof system during storms.

All of the research is also providing students in the landscape architecture and horticulture programs with real-world, hands-on experience, a cornerstone of both programs. The green roof garden is a living laboratory — one of the many teaching gardens of the Landscape Arboretum of Temple University Ambler — for students and the public to learn and take inspiration from. ♦

River plant in Dearborn, Mich.; Chicago City Hall; Rockefeller Center in New York; the Fencing Academy of Philadelphia, and now the PECO Green Roof Garden at Temple University Ambler.

- A typical green roof may consist of several layers, from top to bottom: sedum plants, which trap dust, absorb carbon dioxide, release oxygen and create habitat; vegetation blanket, a semi-organic material containing shale, sand, peat, compost and dolomite; fleece, a felt-like absorbent mat of mineral wool that holds water; a drainage layer; and a root-resistant membrane, which protects the underlying roof from water and root damage.

- There are two types of green roof systems currently being created in European and American cities. Intensive green roof systems utilize planting media depths greater than one foot that can support small trees and shrubs. Extensive green roof systems generally have planting media depths of less than one foot that support low-growing plants with a shallow root base. The PECO Green Roof is of the extensive variety, supporting colonies of carefully selected plants, all native to the region, in approximately 6 inches of a lightweight medium (shale mix). Extensive green roofs have much broader potential for replication on buildings in the United States.

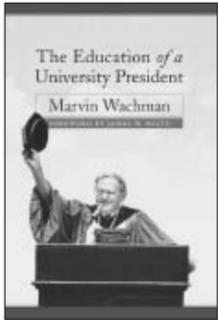
Wachman memoir shows history in one man's eyes

Wachman from page 1

ry. Because of connections he had made playing tennis, he was invited to help coach the team at the University of Illinois, where he earned his doctorate and met his wife of now more than 60 years, Adeline (Addie).

Only days after defending his doctoral thesis (on Milwaukee's socialist history) at Illinois, Wachman was inducted into the Army. He was 25.

Wachman's life maintained that intense pace for many years: four years in the Army, 13 years teaching at Colgate University, and two years directing the Salzburg Seminar, until he became president of Lincoln



University. At Lincoln, Wachman, a white Jewish president, led the historically black university through the most contentious years of the civil rights movement, drawing on his instinct to talk through differences and his strong ability to build consensus.

"It's all part of my education," Wachman said.

As Temple president from 1973 until 1982, Wachman succeeded in improving facilities, community relations and finances in his administration of the large university, a task he likens to "running a small city." He also opened the Temple University Center City and Temple University Japan campuses.

The Education of a University President is more than a personal timeline, however; it is a guide to United States history in the second part of the 20th century, seen through a historian's eyes. Wachman provides context for each part of his personal story, which emerges from World War II to plunge into the Cold War, then the civil rights movement and Vietnam War. Wachman, who was an advocate of interdisciplinary American studies and general education early in his career, actively sought to engage students and colleagues in current issues through open dialogue and debate. To explain the climate of particular eras in the book, he provides reading lists of influential books of the times.

"I'm not a political junkie," Wachman said, "but I do keep up with the news by reading newspapers and magazines such as *Newsweek*, *The New Yorker* and *Atlantic Monthly*. I particularly like nonfiction books with historic value, and social/economic/political significance."

In popular author Malcolm Gladwell's terms, Wachman is a Connector: someone who knows lots of people, often influential people, and can change or instigate events by getting them together. The names of the many friends and acquaintances Wachman gathered over the years read like a who's who in intellectual and political thought in the last century: John Kenneth Galbraith, Gun-

Short facts about Marvin Wachman

Wachman has played tennis matches with Wimbledon champion Bobby Riggs, '30s tennis star Alice Marble, and even film star Errol Flynn.

To earn his doctorate at the University of Illinois, Wachman was required to know two languages in addition to English. He learned to speak French and German.

While serving as director of the Salzburg Seminar in Austria, Wachman and his family lived in Schloss Leopoldskron, the castle featured in the film *The Sound of Music*.

In the early 1950s, Wachman was offered a position with the CIA as a "France watcher" during the rise of the French Communist Party. He declined, as he had become accustomed to the freedom of speech academic life afforded.

When Wachman expressed reservations at becoming a white president of a historically black university in 1960, Thurgood Marshall, a Lincoln alumnus and trustee, was part of a group that met to personally persuade him.

nar Myrdal, Ralph Bunche, Deng Xiaoping, Langston Hughes and David Riesman; the list is long and diverse.

"You meet interesting people, so you call them," Wachman said with a slight shrug and a smile. "You don't have to have anything selfish in mind."

Wachman's memoir is the result of several years' work, and many drafts sent to friends for help in making cuts.

"The [Temple University] Press goes through a vigorous process, and pushed me to edit and edit," he said. Editor-in-chief and assistant director Janet M. Francendese and, later, director Alex Holzman encouraged him to cut the manuscript by about two-fifths: "That was painful to cut back — it's hard to be objective about your own life."

In his foreword to the book, history professor James Hilty — whose arrival at Temple in 1970 coincided with Wachman's — wrote, "The organizing theme of Wachman's memoir is his continual effort to learn in an ever changing world, to become educated to its nuances and shifting boundaries, transforming social trends and political reverberations, all with respect to the challenges posed to American higher education and, therefore, also to him personally."

"Wachman has demonstrated through his own example that all of us, university president included, must never stop learning."

The Education of a University President is available from major bookstores. For more information about the book, visit www.temple.edu/tempress or call 1-800-621-2736.

MSNBC's Chris Matthews to receive Lew Klein award

By Harriet Goodheart
harriet.goodheart@temple.edu

Television news anchor Chris Matthews, host of MSNBC's nightly hour of political analysis "Hardball," will receive the Lew Klein Excellence in the Media Award for 2005 and six media professionals who are alumni of the School of Communications and Theater will be inducted into the school's Hall of Fame at the annual Lew Klein Alumni in the Media Awards ceremony on Tuesday, Oct. 25.

The Excellence in the Media Award is presented to a distinguished member of the media outside of the Temple alumni community whose outstanding achievements and commitment to service bring honor to the profession.

The awards event will take place in the Great Court of Mitten Hall at 11:45 a.m.

It is named in honor of Lew Klein, a renowned industry professional who has served as president of Gateway Communications and executive producer of programs such as "American Bandstand." Founder and president of the National Association of Television Program Executives (NATPE) Educational Foundation, he has been named Broadcaster of the Year by the Broadcast Pioneers' Philadelphia Chapter, is a recipient of NATPE's President's Award and the Pennsylvania Association of Broadcasters' Gold Medal. He has been an adjunct professor at Temple for more than five decades and is chair of the School of Communications and Theater's Board of Visitors.

"This year's Lew Klein Alumni in the Media Awards honoring the impressive career accomplishments of these distinguished graduates underscore the outstanding education and professional training our



Matthews

programs afford," said Concetta Stewart, dean of the School of Communications and Theater. "The breadth of their chosen fields is an inspiration to our current and future students."

Hosting the Oct. 25 awards luncheon ceremony is NBC 10 sports anchor John Clark, a Temple alumnus who joined the local NBC affiliate in 2001.

Matthews, this year's winner of the Excellence in the Media Award, also hosts "The Chris Matthews Show," a syndicated weekly news program produced by NBC News, and is a frequent commentator on the NBC's "Today" show.

He worked as a print journalist for 15 years, 13 of them as Washington bureau chief for *The San Francisco Examiner* and two years as a syndicated national columnist for *The San Francisco Chronicle*.

Before that, Matthews spent 15 years in politics and government, working as a presidential speechwriter for Jimmy Carter, in the U.S. Senate on the staffs of Sen. Frank Moss (D-Utah) and Sen. Edmund Muskie (D-Maine) and as the top aide to former Speaker of the House Thomas P. "Tip" O'Neill (D-Mass.).

He is the author of four best-selling books, including *American: Beyond Our Grandest Notions* (2002), a *New York Times* best sell-

Hall of Fame inductees

The 2005 Lew Klein Alumni in the Media awardees who will be inducted into the School of Communication and Theater Hall of Fame are:

• **Tom Cardella (1960):** columnist, *South Philadelphia Review*, and radio host of the Philadelphia Eagles pre- and postgame shows, 1985-2003

• **John Connolly (1979):** actor and president of the American Federation of Television and Radio Artists

• **Victoria Lim (1991):** senior consumer investigative reporter, WFLA-TV, *The Tampa (Fla.) Tribune* and *TBO.com*

• **Shirley Powell (1988):** senior vice president for corporate communications, Turner Broadcasting System Inc.

• **Larry Rosen (1984):** senior director of broadcasting and video production, Baltimore Ravens

• **Gene Shay (1956):** folk music producer/host at WXPB-FM and co-founder of the Philadelphia Folk Festival

er; *Now, Let Me Tell You What I Really Think* (2001); *Kennedy & Nixon* (1996); and *Hardball* (1988).

Established through the generosity of H.F. "Gerry" Lenfest and his wife, Marguerite, and the late Walter and Leonore Annenberg through the Annenberg Foundation, the Lew Klein Excellence Award is the highest honor bestowed by the School of Communications and Theater. Klein was the first recipient of the award in 2001.

Other recipients include Roy Shapiro, general manager of KYW Newsradio (2002); film and television actor David Morse (2003); and Joanne Harmelin, founder and chief executive officer of Harmelin Media (2004).

Research

Steroids reduce heart damage risk in children with Kawasaki's disease

By Eryn Jelesiewicz
eryn.dobeck@temple.edu

When added to standard treatment, steroids significantly reduce the odds of developing heart damage in children with Kawasaki's disease, according to a study in the October issue of *Pediatrics*.

These findings address a gap in knowledge. Current guidelines from the American Academy of Pediatrics state that the evidence for steroid treatment is lacking and recommend the standard treatment for Kawasaki's, which is aspirin and intravenous immunoglobulin (IVIG).

"This gap in knowledge led us to examine the benefits of steroids more closely," said Stephen Aronoff, a professor in the School

of Medicine and chair of pediatrics, who is the lead author of the meta-analysis. "We looked at research worldwide and were surprised to find eight solid clinical trials showing the value of steroids in significantly reducing heart damage in children with Kawasaki's disease. Steroids, when combined with aspirin and IVIG, reduced the odds of developing inflammation of the heart blood vessels by half."

Aronoff hopes that a multi-center study, currently under way, will provide further evidence of the benefits of steroid treatment for Kawasaki's disease. Also needed is more evidence about the most effective types and doses of steroids.

Kawasaki's disease, one of the leading causes of acquired heart disease in children, inflames the

blood vessels leading to the heart. The cause of Kawasaki's is unknown. Signs of the disease include fever lasting longer than five days; skin rash; red eyes, palms and foot soles; and swollen lymph nodes. If not treated within five to 10 days, it can lead to serious, sometimes life-threatening, complications. Fortunately, Kawasaki's is treatable, and most children recover fully.

This study was spearheaded by former Temple medical student Angela Wooditch, who collaborated with Aronoff on the analysis. Wooditch is currently performing her residency with a preliminary year at Abington Memorial Hospital and then her anesthesia residency next year at the University of Pittsburgh.

CALENDAR

Continued from page 8

Football at Clemson

12:30 p.m. Broadcast: CN8, 1210 AM WPHT.

Women's volleyball vs. Dayton

4 p.m. McGonigle Hall.

Ambler Campus: Annual fall open house

9:30 a.m.–noon. Ambler Campus, Bright Hall Circle. Temple Ambler faculty, administrators and students will be on hand to discuss admissions, adult student counseling, day undergraduate degree programs, evening degree programs, financial aid and other important topics. To register or for more information, call 215-283-1252 or visit www.ambler.temple.edu/students/p_student/openhouse.htm.

"For the Love of Salsa"

7 p.m. Liacouras Center. \$50–100. Part of Latino Heritage Month; sponsored by WT Productions. For ticket information, visit www.ticketmaster.com.

"Saturday Night Live at the Underground"

10 p.m.–2 a.m. Student Center annex, the Underground. Featuring: Arlene McCann and Among the Hidden. Free for Temple students with TUID; \$5 all others. Sponsored by Student Activities.

SUNDAY, Oct. 23

AAAI sports nutrition certification

9 a.m.–5 p.m. IBC Student Recreation Center, martial arts room. \$99. Sponsored by Recreation Services. To register, call 609-397-2139. For more information, call 215-204-1267 or visit www.temple.edu/recsvcs.

Field hockey vs. Massachusetts

Noon. Geasey Field.

Women's soccer vs. Wagner

1 p.m. Ambler Sports Complex.

MONDAY, Oct. 24

Group fitness fall II schedule begins

IBC Student Recreation Center. Recre-

This Week's Scores

Football

Oct. 15: Miami 34, Temple 3

Men's Soccer

Oct. 16: Temple 1, George Washington 0

Women's Soccer

Oct. 12: Penn 2, Temple 0

Oct. 14: La Salle 2, Temple 1

Oct. 16: Temple 3, George Washington 2 (2 OT)

Men's Tennis

Oct. 14: No team scoring

Women's Tennis

Oct. 14: Cancelled

Men's Cross Country

Oct. 15: 6th of 8

Women's Cross Country

Oct. 15: No team scoring

Field Hockey

Oct. 14: Temple 1, Saint Louis 0

Oct. 16: Richmond 4, Temple 0

Women's Crew

Oct. 15: 2nd and 7th of 8

ation Services access required. Sponsored by Recreation Services. For more information, call 215-204-1267 or visit www.temple.edu/recsvcs.

Ambler Campus: Student Government Association meeting

12:30 p.m. Ambler Campus, Bright Hall, room 106. For more information, call 215-283-1283.

Tyler Campus: Exit interview session: "What Do You Mean My Student Loan is Due Now?"

1:30 p.m. and 3 p.m. Tyler Campus, conference room 106. Students who drop below six credits, withdraw, transfer or expect to graduate this semester should attend an exit interview session, which is conducted to advise student loan borrowers of their rights and obligations. Sessions start promptly and last approximately 30 minutes. All exit interviews must be completed online by Tuesday, Nov. 1, at www.temple.edu/bursar/credit.htm. For more information, call Nikki Taylor at 215-204-6170.

This Week in Temple History

Oct. 21, 1993

The *Temple Times* announced the dedication of the newly finished dining facility in the Johnson/Hardwick complex and a new residence hall on Broad Street, between Diamond Street and Susquehanna Avenue. The goal of the combined construction was to improve the quality of on-campus housing.

The residence facility, which houses 560 students in four-person suites, was memorialized in 1999 as James S. White Hall after the respected trustee. The dining facility was later named the Louis J. Esposito Dining Court in tribute of Louis J. Esposito, who was named an honorary life trustee in 2002.

"Taking Excellent Class Notes"

2:30 p.m. 1700 N. Broad, room 203. Strategies on how to take and maintain useful lecture notes. Facilitator: Debora Bergen, student services counselor. One of the daily workshops sponsored by the Russell Conwell Center. For more information, or for additional group and individual tutorial services, contact the Russell Conwell Center at 215-204-1251, or visit www.temple.edu/rcc.

Natalie L. Hinderas piano master class: Leon Bates, piano

2:40 p.m. Rock Hall auditorium.

"Studying with the Cussies"

7:45–9 p.m. Tuttleman Learning Center, room 305A. Part of Latino Heritage Month; sponsored by Chi Upsilon Sigma.

"Battle of the Dorms"

7:50–11 p.m. Student Center, room 217. Part of Latino Heritage Month; sponsored by the Lambda Theta Alpha Latin Sorority Inc. and Lambda Theta Phi Latin Fraternity Inc.

TUESDAY, Oct. 25

Deadline to register: "The Role and Responsibility of the IRB and the Investigator in Research Involving Human Beings"

Workshop: Oct. 26, 5:30–7:30 p.m. Tuttleman Learning Center, room 105. Zeb Kendrick, chair of the IRB Committee, will speak on research involving human subjects. In addition, Richard Throm will speak about "HIPPA: Health Insurance Portability and Accountability Act of 1996 — The Rule." Sponsored by the Office of the Vice President for Research. To register, contact Maureen McIlhinney at reene@temple.edu.

Ambler Campus: Campus coffee

8:30 a.m. Ambler Campus, Bright Hall. Enjoy a complimentary cup of coffee and a morning snack. Presented by the administrative departments of Temple Ambler and the Office of Student Life. For more information, contact 215-283-1424/25.

Ambler Campus: Exit interview session: "What Do You Mean My Student Loan is Due Now?"

10:30 a.m. and 1:30 p.m. Ambler Campus, Bright Hall, room 110. Students who drop below six credits, withdraw, transfer or expect to graduate this semester should attend an exit interview session, which is conducted to advise student loan borrowers of their rights and obligations. Sessions start promptly and last approximately 30 minutes. All exit interviews also must be completed online by Tuesday, Nov. 1, at www.temple.edu/bursar/credit.htm. For more information, call Nikki Taylor at 215-204-6170.

"The Benefits of Effective Communication"

Noon. 1700 N. Broad, room 203. Discuss techniques to communicate effectively in groups and with individuals. Facilitator: Delores Randolph, counseling coordinator. One of the daily workshops sponsored by the Russell Conwell Center. For more information, or for additional group and individual tutorial services, contact the Russell Conwell Center at 215-204-1251 or visit www.temple.edu/rcc.

Ambler Campus: Externship information session

2:30–3 p.m. Ambler Campus, Bright Hall, room 106. Learn about this great résumé builder and networking opportunity. Presented by the Office of Academic and Career Development. For more information, call 215-283-1275.

"You're Latino if ..."

7–9 p.m. Student Center, room 223. Part of Latino Heritage Month; sponsored by the Asociacion de Estudiantes Latinos.

Volunteers show that Temple cares



Photo courtesy the Office of Community Service

As part of last weekend's Homecoming festivities, the Office of Community Service hosted its annual Temple Cares Day on Sunday, Oct. 16. More than 50 students, administrators and staff fanned out into communities neighboring Temple to sweep the streets and pick up trash. Clad in red Temple gear, the group worked between Broad and 17th streets and Norris and Susquehanna streets. This Saturday, Oct. 22, nearly 300 students are set to participate in Philly Cares Day, a citywide effort to repair and beautify Philadelphia's public schools. For more information, visit www.temple.edu/community_service.

— Ted Boscia

WEDNESDAY, Oct. 26

Registration deadline: "The Future of State Responsibility in the Area of Personal Liability"

Presentation: Oct. 28, noon. Shusterman Hall. Professor Tom Franck, distinguished scholar-in-residence at the Beasley School of Law's Institute for International Law and Public Policy, and the Murry and Ida Becker professor of law at New York University, will deliver this presentation as part of the institute's "Transnational Lunch" series. Sponsored by the Institute for International Law and Public Policy, Beasley School of Law. For more information, contact Amy Boss at amelia.boss@temple.edu or Jeffrey Dunoff at jeffrey.dunoff@temple.edu, or visit www.iilpp.org.

Annual fall career fair

10 a.m.–2:30 p.m. Student Pavilion. Meet representatives from the fields of education, business, communications and more. Sponsored by Career Development Services. For more information, call 215-204-7981, or visit www.temple.edu/careerdev.

2005 Latino Heritage Month closing celebration

11:30 a.m.–2 p.m. Liacouras Walk. Part of Latino Heritage Month; sponsored by the Latino Heritage Month Committee.

Ambler Campus: Externship information session

12:30–1 p.m. Ambler Campus, Widener Hall, room 211. Learn about this great résumé builder and networking opportunity. Presented by the Office of Academic and Career Development. For more information, call 215-283-1275.

"Woman to Woman"

4 p.m. Ritter Hall annex, room 600. An open discussion about issues concerning women. Facilitator: Donesha Locklear, counseling coordinator. One of the daily workshops sponsored by the Russell Conwell Center. For more information, or for additional group and individual tutorial services, contact the Russell Conwell Center at 215-204-1251 or visit www.temple.edu/rcc.

Ambler Campus: Undergraduate information session for adult students

6:30–8:30 p.m. Ambler Campus, Bright Hall. Academic Advising and Career Counseling representatives will be available to speak about day and evening degree programs, the enrollment process and the personalized student services that Temple Ambler provides. Prospective

students will also be able to apply for admission or schedule an appointment with an academic advisor. To register for this or any admissions event, call 215-283-1252 or e-mail ambler@temple.edu.

Temple University Singers and Women's Chorus

7:30 p.m. Jeffrey Cornelius and Tram Sparks, conductors. Rock Hall Auditorium.

Second life: Organ donation

7:50–10 p.m. Student Center, room 217. Part of Latino Heritage Month; sponsored by the Lambda Theta Alpha Latin Sorority Inc. and Lambda Theta Phi Latin Fraternity Inc.

Cove cafe: Open mic night

8 p.m. Mitten Hall, Owl Cove. Sponsored by Student Activities.

ON SALE AT THE LIACOURAS CENTER

Tickets available at the Liacouras Center box office (cash only), online at <http://ticketmaster.com> or by calling 215-336-2000.

"For the Love of Salsa" concert

Oct. 22: 7 p.m. \$50–100.

Kanye West "Touch the Sky" tour

Nov. 6: 8 p.m. \$37–47.

MAIN CAMPUS CINEMA SERIES

Student Center Cinema (the Reel). \$2 with TUID; \$4 all others (Diamond Dollars accepted).

Show times:

Mon.–Wed.: noon, 2:30, 5 and 8 p.m.
Thu. & Fri.: noon, 2:30, 5, 8 and 10:30 p.m.
Sat.: 2:30, 5, 8 and 10:30 p.m. Sun.: 2:30, 5 and 8 p.m.
Visit www.temple.edu/sac/movies.htm for more information.

"Batman Begins"

Oct. 20.

"Wedding Crashers"

Oct. 21–28.

List your events

If you would like your University-sponsored event included in the calendar, fill out the online events submission form at www.temple.edu/temple_times/events_form.html.

All submissions must be received at least two weeks prior to the event.

CALENDAR

Events Oct. 20 to Oct. 26

All events free unless otherwise noted. For the most up-to-date listings, visit calendar.temple.edu.

ONGOING

Ambler Campus: Hurricane Katrina disaster relief

Through Oct. 28. Ambler Campus, Bright Hall and East Hall. Ambler students are collecting canned goods, clothes and monetary donations to aid the victims of Hurricane Katrina. Collection boxes for canned goods and clothing will remain in both locations throughout the semester. For more information, call 215-283-1290 or contact crisbelm@temple.edu.

“Placing Dance in New Communities”

Through Oct. 31. “Preserving the Talley Beauty/Philadanco Legacy”: Selected programs, posters and costume designs from Philadanco’s history, especially highlighting their productions of work by choreographer Talley Beatty.

Exhibit: “First Year Out”

Through Nov. 5. Reception Friday, Oct. 14, 6–9 p.m. Tyler School of Art, Penrose Gallery. Produce, the student-run gallery at Tyler School of Art, announces this new exhibit, which aims to explore the transition from student to emerging artist. Seven artists from all over the United States, all recipients of undergraduate or graduate degrees within the last year, were chosen by a panel of Tyler students. Features painting, sculpture, embroidery, video and photography. Sponsored by Tyler School of Art. For more information, contact Kevin Curran at 315-292-8720 or producegallery@yahoo.com, or visit www.temple.edu/tyler.

Exhibit: “assume freedom”

Through Nov. 5. Temple Gallery, 45 N. 2nd St. Recent photography and video work by British artist Phil Collins. Sponsored by the department of exhibitions & public programs, Tyler School of Art. For more information, call 215-782-2776 or visit www.temple.edu/tyler.

“Picturing Faith” photo exhibit

Through Nov. 25. Gladfelter Hall, 10th floor. Images from a photographic survey of American life from 1935 to 1943, sponsored by the New Deal-era Farm Security Administration. University of Utah religious studies professor Colleen McDannell, who earned her doctorate at Temple, has collected 45 of these photographs for “Picturing Faith.” For more information, call 215-225-0149.

Stepping out in style

On Friday, Oct. 14, the Temple University Green Association held the Greek Showcase and Step Exhibition in front of a full crowd in McGonigle Hall. Eleven fraternities and sororities took part in the high-energy exhibition, which was held as part of Temple’s weeklong Homecoming events, Oct. 8–16.



Photo by Betsy Manning

THURSDAY, Oct. 20

Flu shots for Temple employees

6 a.m.–6 p.m. Health Sciences Center, Rock Pavilion, basement. Occupational and Employee Health is offering free flu shots for Temple employees on Oct. 20 and 27. For more information, call Denise Mujahid at 215-707-7024.

Information session: Study abroad for science majors

Noon. Tuttleman Learning Center, room 200. For more information, contact International Programs at study.abroad@temple.edu or 215-204-0720, or visit www.temple.edu/studyabroad.

“Talk to Your Professor After Midterms”

1:30 p.m. 1700 N. Broad, room 203. Meet with your professor and plan a successful second half of the semester. Facilitator: Evelyn Vazquez, student services counselor. One of the daily workshops sponsored by the Russell Conwell Center. For more information, or for additional group and individual tutorial services, contact the Russell Conwell Center at 215-204-1251 or visit www.temple.edu/rcc.

Ambler Campus: Creating a cover letter

3–4 p.m. Ambler Campus, Bright Hall, room 106. Learn the format, as well as what to include in a cover letter, which should always accompany your résumé. Presented by the Office of Academic and Career Development. For more information, call 215-283-1275.

“Using Data Mining to Detect Fraud: An Application to Environmental Monitoring”

3–5:30 p.m. Tuttleman Learning Center, room 301 AB. Richard Berk, distinguished professor of statistics and sociology at the University of California at Los Angeles, presents research that applies ensemble statistical procedures to the monitoring of regulatory compliance in the Pacific fishing industry. Co-sponsored by the Institute for Public Affairs and the criminal justice department. For more information, call 215-204-9211.

Chemistry department seminar: “Organic spintronics: The next evolution of molecular electronics?”

3:30 p.m.: refreshments; 4 p.m.: lecture. Beury Hall, room 162. Presenter: Greg Szulczewski of the University of Alabama chemistry department. Sponsored by the department of chemistry. For more information, contact Frank Spano at spano@temple.edu or 215-204-5203.

Ambler Campus: “Beat the Staff at Volleyball”

4:30 p.m. Ambler Campus, Red Barn

gym. Come out to the game; the rivalry continues when Ambler students, faculty and staff join in some friendly competition. Sponsored by the Temple Ambler Office of Student Life. For more information, call 215-283-1424/25.

“Memorable moments in the community”: Mexico

5:30 p.m.: Meet at the Student Center. 6–10 p.m.: Las Cazuelas restaurant, 426 Girard Ave. Sign up in Student Center, room 219M. Part of Latino Heritage Month; sponsored by Student Activities and the Latino Heritage Month Committee.

Dominoes grand tournament

7–9 p.m. Student Center, room 217AB. Test your skills and compete for a chance to win \$100. Part of Latino Heritage Month; hosted by Gamma Phi Sigma “Hermanos Unidos” Fraternity Inc. Alpha chapter.

Ambler Campus:

Arboretum lecture series

7:30 p.m. Ambler Campus, Bright Hall lounge. A detailed discussion of Italian gardens from the Roman era through the Renaissance to today. Jenny Carey, director of the Landscape Arboretum, presents “Stone, Water and Evergreens: Italian Gardens Through the Ages”. Tickets: \$10; \$30 for five Arboretum lectures. Free for Temple Ambler students and donors to the Arboretum of \$100 or more. Sponsored by the Temple Ambler Landscape Arboretum. For more information, call 215-283-1306 or 215-283-1534.

Exploring Leadership Series: “Inspiring a Shared Vision”

7:30 p.m. Student Center, room 217 CD. Presented by Chet Rispoli, senior director of student services. An interactive workshop that offers students an opportunity to examine each of the five leadership principles. Students will earn five diamond points each time they attend a presentation. Part of the TU Student Leadership Challenge. For more information, visit www.temple.edu/studentleadershipchallenge.

FRIDAY, Oct. 21

Scholarship deadline: Freeman Scholarship (spring)

For more information, contact the International Programs Office, 200 Tuttleman Learning Center, at study.abroad@temple.edu or 215-204-0720, or visit www.temple.edu/studyabroad.

Ambler Campus: Computer Services training seminar

9:30–11:30 a.m. Ambler Campus, Library, room 2. “Access 2003: Database Overview.” For Temple Ambler faculty and staff. Presented by Computer Services. To sign up online, visit <http://seminars.temple.edu>. For more information, call 215-283-1453.

TUCC: TARP Friday Forum

10:30 a.m. Temple University Center City. Presenters: Elaine Ellison and Elaine Jaffe, authors, Remembering Marshall Street. Sponsored by the Temple Association for Retired Persons. For more information, call 215-204-1505, or visit www.temple.edu/tucc.

“Putting off Procrastination for Good”

Noon. 1700 N. Broad, room 203. A look at why students procrastinate and practical methods to eliminate this bad habit. Facilitator: Kathleen Quinn, program director. One of the daily workshops sponsored by the Russell Conwell Center. For more information, or for additional group and individual tutorial services, contact the Russell Conwell Center at 215-204-1251 or visit www.temple.edu/rcc.

Leonard Abrams Distinguished Speaker Series

1–4 p.m. School of Dentistry. Gerald M. Bowers presents “Advances in Bone Grafting and the HENA Studies.” 3 CE credits. Sponsored by the Tuttleman Family Foundation. Space is limited; register

Volleyball team flying high



Senior business and management student-athlete Zhen Jia Liu (above) and the volleyball team claimed a 3-2 victory over the Fordham Rams on Oct. 15, bringing them to 13-8 (6-1 Atlantic 10) this season. Beginning Friday, Oct. 21, the Owls’ next five matches will be fought on their home court in McGonigle Hall. The games take place on Friday and Saturday evenings and Wednesday, Nov. 2.

with Jon B. Suzuki at 215-707-7667 or ckapps@dental.temple.edu.

Master class: Windscape Woodwind Quintet

1:30 p.m. Rock Hall Auditorium.

“The Crystal Palace Exhibit of 1851 and the Social Construction of the Anglo-American ‘Special Relationship’”

2 p.m. Gladfelter Hall, room 914 (Russell F. Weigley Room). Professor Ursula Lehmkuhl has served as director of the John F. Kennedy Institute and is currently visiting professor at Columbia University and coordinator of the “History and Culture of Metropolises” consortium of Columbia and several German universities. Sponsored by the Society of Fellows in the Humanities. For more information, e-mail society@temple.edu.

Women’s soccer vs. St. Joseph’s

3 p.m. Ambler Sports Complex. Atlantic 10 Conference match.

Field hockey vs. Rhode Island

3 p.m. Geasey Field.

“Dissent in America” Teach-In

3:40–5 p.m. Anderson Hall, 12th floor, CLA lounge. For more information, contact Ralph Young at ralph.young@temple.edu.

Exploring Leadership Series: “Challenging the Process”

4 p.m. Student Center, room 217 CD. Presented by President David Adamany. An interactive workshop that offers students an opportunity to examine each of the five leadership principles. Students will earn five diamond points each time they attend a presentation. Part of the TU Student Leadership Challenge. For more information, visit www.temple.edu/studentleadershipchallenge.

Film Friday

4:30 p.m. Annenberg Hall, room 3. A weekly film screening, mostly by M.F.A. students in the film and media arts department, followed by a discussion session and snacks. For more information, contact Dan Kremer at thustlebird@yahoo.com or daniel.kremer@temple.edu.

“Free Food and Fun Fridays”

10 p.m.–2 a.m. Student Center atrium. Madden Tournament. Sponsored by Student Activities.

SATURDAY, Oct. 22

Deadline to register: Tyler fall open house

Open house: Oct. 29, noon–4 p.m. Registration: Tyler School of Art, Elkins Park, Penrose Hall lobby. See Tyler students’ work, meet the faculty and attend studio demonstrations. Representatives from Student Financial Services, University Housing, International Programs and Admissions will be available from 12:30–2 p.m. For more information, call 215-782-2875.

“Drumstruck”

9 a.m.: Meet at the Student Center. 10 a.m.: Buses depart for New York City. Off-Broadway show. Buses leave New York at 8 p.m. Tickets on sale in Student Center, room 219M. \$20 with TUID; \$25 all others. Sponsored by the Main Campus Program Board.

Ambler Campus: Annual fall open house

9:30–noon. Ambler Campus, Bright Hall Circle. Temple Ambler faculty, administrators and students will be on hand to discuss admissions, adult student counseling, day undergraduate degree programs, evening degree programs, financial aid and other important topics. To register or for more information, call 215-283-1252 or visit www.ambler.temple.edu/students/p_student/openhouse.htm.

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