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TUESDAY, OCT. 8

-PARTY IN PINK ZUMBATHON, 8 P.M., TRABANT UNIVERSITY CENTER MPR
-RESUMES, COVER LETTERS AND LINKEDIN: BUILD YOUR PROFESSIONAL BRAND, 11-12 P.M., CAREER SERVICES CENTER 178
-HOMECOMING QUIZZO, 7-8 P.M., THE SCROUNGE
-COFFEEHOUSE COMEDY SERIES: ANDREW SLEIGHTER, 8:30-9:30 P.M., THE SCROUNGE

WEDNESDAY, OCT. 9

-LIBRARY OFFERS CITING USING APA STYLE AND REWORKS, 2-4 P.M., MORRIS 116A
-LAW SCHOOL CAREER FAIR, 2-4 P.M., TRABANT UNIVERSITY CENTER MPR
-LIBRARY OFFERS INTRO TO STUDIO RECORDING WORKSHOP, 2:30-4:30 P.M., MORRIS B
-BRILLIANT BLUNDERS: FROM DARWIN TO EINSTEIN, 4-5 P.M., GORE 104

THURSDAY, OCT. 10

-BENDER VIRTUAL CAREER FAIR, 9 A.M. - 11 P.M.
-COMEDIAN RENEE SANTOS, 7-9 P.M., TRABANT LOUNGE
-BIG O BINGO, 8:15-10 P.M., TRABANT UNIVERSITY CENTER MPR

FRIDAY, OCT. 11

-HOMECOMING PEP RALLY, 4:30-5:30 P.M., LAIRD CAMPUS TURF
-RICHARD "DICK" WILSON HOMECOMING STEP SHOW, 7 P.M., TRABANT UNIVERSITY CENTER MPR
-FIELD HOCKEY VS. TOWSON, 7 P.M., MINISTADIUM
-WOMEN'S SOCCER VS. HOFSTRA, DELAWARE MINI-STADIUM, 7 P.M.
-HTAC PRESENTS NEXT TO NORMAL, 8 P.M., PERKINS STUDENT CENTER BACCHUS THEATER

SATURDAY, OCT. 12

-BLACK ALUMNI ORGANIZATION PRAYER BREAKFAST, 9:30-11:30 A.M., PERKINS STUDENT CENTER GALLERY
-FOOTBALL HOMECOMING GAME VS. ALBANY, 12 P.M., DELAWARE STADIUM
-CPAB ANNUAL HOMECOMING COMEDY SHOW, 7-9 P.M., MITCHELL
-MULTICULTURAL GREEK CONGRESS HOMECOMING LATE NIGHT PARTY, 10 P.M.-2 A.M., TRABANT UNIVERSITY CENTER MPR

SUNDAY, OCT. 13

-MEN'S SOCCER VS. COLLEGE OF CHARLESTON, DELAWARE MINI-STADIUM, 11 A.M.
-FIELD HOCKEY VS. PRINCETON, RULLO STADIUM, 1 P.M.
-WOMEN'S SOCCER VS. NORTHEASTERN, DELAWARE MINI-STADIUM, 1:30 P.M.

MONDAY, OCT. 14

-LIBRARY OFFERS DIGITIZING OLD FORMATS WORKSHOPS, 2:30-4 P.M., MORRIS B
-WORKSHOP: TIME MANAGEMENT, 3:30-4:30 P.M., MITCHELL 001
-ATHLETE NETWORKING NIGHT, 6:30-8 P.M., BOB CARPENTER SPORTS CENTER

Government shutdown creates uncertainty for Delaware locals

BY KELLY FLYNN
Managing News Editor

Last Tuesday, approximately 500 government employees reported to work at Dover Air Force Base only to be handed a letter of furlough or temporary unpaid leave. The 500 men and women signed their letters and took a few hours to transfer their duties to their military counterparts before leaving the base not knowing when they might return.

While Congress continues to debate federal spending in Washington, individuals relying on government funding locally are feeling the effects of the standstill and wondering when the shutdown might end. First Lt. Tony Richardson, base spokesperson, said since Tuesday, a mood of uncertainty has permeated the base.

While airmen have not been affected, Dover Air Force Base employs 999 government civilians who serve various functions throughout the base such as working on flight lines and serving as nutrition experts, Richardson said.

"They represent the continuity of the base for people who move," Richardson said.

Five hundred are furloughed, but the remaining employees are being funded by a transportation working capital fund, which Richardson predicts could run out within a week. He said the base's mission is to move cargo, and whether the employed civilians work directly or indirectly with the cargo, the missing employees have a negative impact on the base's overall ability to complete its mission.

He said many of the furloughed

employees have years of experience and expertise that makes those individuals better equipped than their military counterparts who have had to fill in at unfamiliar positions.

"It'd be really nice to have our civilian teammates, but we understand," Richardson said. "It doesn't make it a pill that's easier to swallow."

Currently, the health and wellness center, commissary and library remain closed at the base as a result of the government shutdown. Richardson said self-sustaining facilities such as the flower shop and base theater remain open because they are able to generate their own revenue.

Bombay Hook National Wildlife Refuge located in Smyrna, Del. has also sent the majority of employees home, said Bruce Decker, acting chief at Bombay

Hook's Division of Communication.

"There are no staff available in the regional offices. This refuge is located due to the lapse in federal appropriations," Decker stated in an email message when asked for an individual to comment.

Similarly, research on campus is in jeopardy of coming to a halt should the shutdown continue, said Charles Riordan, vice provost for graduate and professional research. Approximately 80 percent of the university's research funding comes from the federal government, Riordan said, and while researchers on campus can continue working, in principle, the various agencies funding university research can order the work to stop. Riordan said the university does not anticipate this being an issue.

See WELCH page 6



THE REVIEW/SARA PFEFFER

For the first time, audience members could donate tips to drag show performers. Contributions were made to Big Brothers, Big Sisters.

HAVEN's annual Drag Show entertains, surprises attendees

BY RACHEL TAYLOR
Copy Desk Chief

The music thumped, lights flashed and audience members screamed as Carmen Carrera stepped onto the stage for this semester's Drag Show Friday night, covered only by minimal, carefully-placed body paint. The show, sponsored by HAVEN, drew hundreds of people into Trabant University Center's multipurpose rooms to cheer on the professional drag queens.

Junior Ashlynn Delhagen she went to the drag show for a fun thing to do on a Friday night. She said she had been to the student show in the spring and had never experienced a professional drag show before.

While Delhagen said she enjoyed the drag show, she was startled by the nudity Carrera displayed during the show.

"I definitely wasn't expecting it, that's for sure," Delhagen said. "It was definitely surprising when she walked out almost nude."

Despite the unexpected nudity, Delhagen said she thought the audience responded well to it. However, she said she was not sure if it was a good idea for the nudity to occur, as she said she believes the university does not support

shows that have that content. She said she was not sure if Carrera was informed of any policies or if she simply disregarded them.

HAVEN declined to comment on Carrera's instances of onstage nudity and if it went against university policies.

Junior Public Relations Director of HAVEN Jessica Snyder said the drag show occurs once in the fall and once in the spring. She said members of HAVEN have been planning and organizing the event since the summer.

"It's really the major program that we do for the year," Snyder said. "Essentially since we started school until now, it's been all about drag show."

Snyder said this year's drag show featured five performers; Carmen Carrera, Ivy Winters, Paige Turner, Chelsea Piers and university alumna Anita Mann.

This was the first year the show had an intermission to allow for a raffle drawing, Snyder said. All of the proceeds for this year's raffle will go to Big Brothers, Big Sisters, as they are heavily involved in helping the queer youth, and a former president became heavily involved in the programming, which prompted them to donate, Snyder said.

"Drag show is HAVEN's biggest event of the year," Snyder said. "It's important for us to have queer visibility on campus, and we do that through HAVEN. The drag show attracts all people, like LGBTQ, QIAA [questioning, intersex, asexual and ally], allies, people who identify in the queer community, so it's just a really good event that we enjoy putting on for the community because it's happy exposure to queer things that have everyone come together and enjoy a great show."

Senior Bethany Fox said this was her first time coming to a drag show, something show front-runner Carmen Carrera quickly honed in on; she pulled Fox backstage so the pair could switch clothing and walk out in each other's clothes.

"Backstage was a lot of fun and pretty crazy, too," Fox said. "They're all running around trying to get ready, and Carmen's just standing there naked like, 'I'm proud of my body, I love what I look like.'"

Fox and Carrera came out together later in the show, Carrera sporting Fox's blouse and skirt and Fox wearing Carrera's sparkling salmon leotard and strappy heels.

See MATHIS page 5

Lani Guinier speaks on supporting, valuing diversity in all forms

BY ELIZABETH QUARTARARO
Executive Editor

During the annual Louis L. Redding lecture on Wednesday, speaker Lani Guinier, Bennett Boskey professor at Harvard Law School, compared the experience of African Americans, Latinos and Asian Americans to the experience of the canary.

"They are suffering, they may not have the same developed respiratory system because they haven't been given the opportunity to work and to be able to support themselves and their families," Guinier said. "They are blamed for the atmosphere in the mines rather than acknowledged for signaling the toxicity of the atmosphere in the mines."

The lecture, which took place at Gore Recital Hall at Roselle Center for the Arts, attracted an audience that included members of Redding's family. Redding was the first African American attorney admitted to the Delaware bar and was involved in the desegregation of the university.

Guinier's lecture was titled "Rethinking Race and Class," part of which she framed around the metaphor of the canary in the mine. She said miners used to take canaries—which have fragile immune systems—into coal mines to signal to the miners to evacuate the mines when the birds started choking for breath.

Guinier emphasized the need to pay attention to and listen to the experiences of the "canaries," and said their diverse outlooks and perspectives should be embraced.

Two days after the lecture was the dedication of the Louis L. Redding Residence Hall, a freshman hall on East Campus. Margaret Andersen, executive director of President's Diversity Initiative, said Guinier was originally slated to come to campus last spring, but, due to bad weather, she was rescheduled to come this fall.

"As it turned out, that was very coincidental but lovely because it was wonderful to have her here as the Redding Lecturer during the very same week when we're dedicating the Redding Hall," Andersen said. "So I love that it worked out that way."

Guinier said it is important universities have diversity in race, gender and economic standing so people with diverse experiences and perspectives can learn from each other. She also said institutions need to shift their attention away from who they are admitting to who they are graduating.

See ANDERSEN page 3

WORLDREVIEW



1 WOMAN LEADS CAPITOL POLICE ON CHASE

The U.S. Capitol was on lockdown Thursday after a Connecticut dental hygienist attempted to force her car through a security gate at the White House. Police and Secret Service officers fired at least 17 shots at the woman, who was killed after leading the police on a chase past the Capitol.

Injuries included one Secret Service officer who was hit by the woman's car and one Capitol Police officer who crashed his car into a barricade during the chase. The woman, 34-year-old Miriam Carey, was unarmed and had her 18-month-old daughter in the car with her. The daughter was not harmed during the chase, according to law enforcement officials on the scene.

Carey was reported as having a history of mental issues. Her sisters said Carey had been struggling with depression and psychotic episodes after the birth of her child. While investigators are unsure of Carey's motives, officials believe that her mental health may have contributed to the incident.

Her sisters have publicly questioned whether officers at the scene could have avoided using deadly force. Carey's child has been temporarily placed with a foster family while the family services department determines where to place the child.

-Kelly Flynn,
Managing News Editor

2 EGYPTIAN PROTESTS TURN VIOLENT, LEAVE 44 DEAD

Demonstrations in Egypt Sunday resulted in 44 dead and more than 200 wounded after the Egyptian military descended on the scene of the protests.

Members of the Muslim Brotherhood took to the streets around the country early in the day to protest the July overthrow and arrest of former President Mohamed Morsi, a member of the group. The demonstrations resulted in police and other security forces cracking down, utilizing tear gas and batons.

The Muslim Brotherhood played a role in the 2011 Arab Spring movement that saw the ousting of President Hosni Mubarak and the election of Morsi. After Morsi was deposed, the Egyptian government made efforts to keep the organization out of the country's political scene, and an Egyptian court's September ruling essentially made the Muslim Brotherhood illegal in the country.

According to Egyptian officials, 246 were wounded and 423 were arrested Sunday, Egypt's Armed Forces Day, a celebration in honor of the beginning of 1973's Yom Kippur War. After riots on Friday resulted in at least four people dead, the Egyptian government warned protesters against demonstrating on the holiday.

In a statement by the Muslim Brotherhood, the group said Sunday's violence was unnecessary and brutal.

-Matt Bittle,
Copy Desk Chief

3 U.S. SANCTIONS AGAINST FIVE NATIONS AGAINST USE OF CHILD SOLDIERS

Military assistance to Rwanda is being withdrawn as part of United States' sanctions targeting the use of child soldiers, the State Department announced Thursday.

The State Department cited the sanctions are derived from Rwandan rebel group M23's use of child soldiers in the Democratic Republic of the Congo. Other countries facing the brunt of sanctions include Syria, Myanmar and Sudan, though it is unclear whether those nations currently receive military aid. Other countries known to employ minors in their military forces were exempt from sanctions with the State Department claiming exemptions "would be in the national interest of the United States."

Rwanda was quick to voice its surprise over sanctions Friday while denying its use of child soldiers. Military spokesman Joseph Nzabamwita said Rwanda should not be held accountable for the actions of a rebel group, as the Rwandan military does not use children as soldiers and the decision to impose sanctions are not based on evidence or facts.

As a long-term partner of the Rwanda Defense Forces, the United States has ample evidence that our forces have never tolerated the use of children in combat," Nzabamwita said.

-Cady Zuvich,
Managing News Editor

4 U.S. MILITARY STRIKES RESULT IN CAPTURE OF AL-QAIDA LEADER

U.S. military forces went after two alleged terrorist targets this weekend in two operations nearly 3,000 miles apart. While one strike resulted in the successful capture of the target, the outcome of the other is still uncertain.

One of the operations took place in the Libyan capital of Tripoli Saturday. Forces captured Abu Anas al Libi, an al-Qaida leader wanted for participating in the 1998 bombings of two U.S. embassies in Africa.

Libi was allegedly captured when leaving his home for morning prayers. A group of 10 masked men surprised and detained him after he reached for a concealed weapon in his car.

The second raid occurred in southern Somalia by a team of U.S. Navy SEALs. The group targeted the top leader of Al-Shabaab, which was behind a mall attack in Kenya last month. Members of the team came under fire and withdrew before confirming if they hit their target.

Despite polls showing American citizens are hesitant about U.S. military involvement in overseas conflicts, U.S. Secretary of State John Kerry said to reporters that the U.S. "will never stop in its effort to hold those accountable who conduct acts of terror."

-Rachel Taylor,
Copy Desk Chief

5 SECTARIAN VIOLENCE ESCALATES IN MYANMAR

Five people were killed and hundreds of homes were destroyed Tuesday in a coastal town in Myanmar as religious-fueled violence targeting Muslims continues to escalate.

Buddhist mobs were seen torching any home without a Buddhist flag in the coastal town of Thandwe, resulting in families fleeing into forests to seek shelter. Sectarian tensions between Buddhists and Muslims have engulfed Myanmar since last year when members of ethnic group Rohingya, whose citizenship is often not recognized by the state, were targeted by Buddhist nationalists near the Bangladesh border. The violence has since spread, causing President Thein Sein to tour the country to ease tensions between the two groups.

"Action will be taken in accordance with the law, without discrimination on the grounds of race and religion," Sein said to several Myanmar newspapers following Tuesday's violence.

Sein, the first elected president in the country 49 years, has been praised by the international community for improving relations with the United States, granting more rights to citizens and releasing political prisoners. However, his ability to govern has been questioned by the International Crisis Group.

-Cady Zuvich,
Managing News Editor

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More fish killed at Delaware City Refinery than at fisheries

BY MARTIN DRAKE
Staff Reporter

Along the white rails that line the docks of the Delaware City pier, fishermen relax and enjoy the weather on the first of October. Occasionally, one reels in a weakfish or striped bass, but, more often than not, those fish are thrown back.

Fishing is regulated—there are size limits and catch limits—and no fisherman wants to be slapped with a fine for disregarding them.

A few miles north in Trenton, N.J., along the banks of the same river, members of the environmental group the Delaware Riverkeeper Network gather for a press event last Monday where they filed a writ of mandamus. This was to order Delaware Department of Natural Resources and Environmental Control to issue a water intake permit for the Delaware City Refinery—something that has not been done since its current permit expired in 2002.

Amy Roe, conservation chair of the Delaware Sierra Club, said fishing limits and the Delaware City Refinery's water intake permit are not as unrelated as they might seem.

"The refinery has, essentially, an unrestricted fishing license," Roe said. "It is a major predator in the Delaware River."

What she is referring to is the over 45 million fish, larvae and eggs that are killed each year when the refinery's water intake system either slams the bigger fish against its intake screen or takes in juveniles, larvae and eggs into the refinery's cooling structures.

Forty-five million fish is more than Delaware's commercial and recreational harvest combined, Dave Carter, conservation chair of the Delaware Audubon Society, said. A report by Normandeau Associates, an independent firm, estimates around 25 million striped bass juveniles—the most valuable fish produced by the Delaware River—were killed by the refinery between 1998 and 1999.

The estimated loss to Delaware fisheries in 1998 was 12,872 adult striped bass, amounting to over 60 percent of the average Delaware bass harvest of around 20,000 fish, according to the report by Normandeau Associates. Roe said if any fisherman takes "in one fish over the limit he gets fined, but the refinery is currently allowed to take in fish without restriction."

The refinery kills all of these fish through a cooling system which has not been significantly updated since its opening in 1957, Roe said. The refinery extracts up to 303 million gallons of water each day for its cooling system and in the process, fish get caught in the water intake channel and killed either against the intake screens or in the cooling system itself.

According to DNREC, there is a less environmentally disruptive way the cooling system could be structured. A closed-loop cooling system using cooling towers wouldn't require the extraction of such vast quantities of water. The system would be costly to install, but would reduce fish mortalities by 90 percent, according to the DNREC Best Technology Available Determination.

Additionally, the installation of a closed loop system or equivalent technology is required by federal legislation. According to section 316(b) of the federal Clean Water Act, the primary law governing water pollution in the United States, requires that the location, design, construction and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact.

DNREC officials have determined the best technology available would be a closed-loop cooling system, therefore complying with the Clean Water Act, the refinery must install the system or otherwise reduce its environmental impacts to the levels the closed-loop system would create.

However, the refinery is still in operation and has not yet been required to change its cooling system.

The situation with the refinery's current cooling system's permit is what makes this possible. The Delaware City Refinery's National Pollutant Discharge and Elimination System permit, which governs these water intake structures, expired in 2002, Roe said.

Before the permit expired, the owners of the Delaware City Refinery applied for a renewal of its permit, which has been pending since 2002. During this time the Delaware City Refinery's cooling structures have been operating under what is called an administrative extension, which means that rather than have the refinery halt its operation until it gets a new permit, it is allowed to continue functioning under the terms of the old permit until the new one is written, according to the writ of mandamus filed Oct. 1.

When the new permit is issued, it will include new requirements for the refinery's cooling system, which the old one did not have, and the refinery would have to update its technology within five years of the new permit's issuance.

According to the DNREC departments involved in drafting the new permit, this sort of process is common practice.

"The administrative extension is standard procedure," said John DeFriece, permits program manager of DNREC.

But Roe has a different view of the administrative extension.

"It's what I call a sweetheart deal," Roe said.

Roe said the refinery is essentially allowed to operate until the new permit is issued. In the eleven years that it has taken so far to draft the new permit, the refinery continues to use its old technology and disrupt the environment of the Delaware River. To put this time in perspective, she said, these permits last five years.

Roe said the lack of timeline for a permit issuance also prevents the community from having any input on the environmental disruption. Once the public is given notice a permit will be issued, the public is allowed to request a hearing about the permit. At the hearing, the public is able submit testimony, which DNREC has to address, Roe said.

The burden of drafting the permit falls onto DNREC and the agency has been in the process of drafting it since the original request in 2002. DeFriece said there has been a large general backlog of permits in the organization and changing circumstances around the refinery has led to the delay in issuance of the permit. EPA regulations changed, along with the owners and economic situation in the refinery.

Many times these changes have meant that DNREC has had to significantly edit or even rewrite their in-progress versions of the new NPDES permit. Currently, DNREC staff are waiting for a final EPA ruling having to do with water intake structures before doing more work on the permit draft.

Once the long-awaited permit is issued, it is not clear whether the oil refinery will install the new cooling system without resistance. Though representatives of the Delaware City Refinery declined to comment further on this issue, the refinery did release a letter commenting on DNREC's Best Technology Available Determination. The letter disputed some of DNREC's methods of choosing a closed-loop system as the best technology available to the refinery.

In the refinery's comments, DNREC was criticized for gauging the closed-loop system's economic viability by looking at its affordability to the company, rather than using a cost-benefit perspective.

The worry here is a company that could afford it might be forced to use the most expensive technology available even if it "will save only one additional fish compared to a less-expensive option," according to the letter issued by the refinery.

DNREC did, however, determine that installation of the new cooling system should reduce fish killings by 90 percent.

The refinery also disputed the idea that the costs of putting in a new cooling system could be offset through higher prices, because "gasoline prices are effectively set by the commodities markets in a highly competitive context."



THE REVIEW/MELISSA ELLOWITZ
Lani Guinier delivered the annual Louis L. Redding lecture Wednesday at the Roselle Center for the Arts. After speaking, she signed copies of her book "The Miner's Canary."

ANDERSEN: 'SHE GAVE US A GREAT DEAL TO THINK ABOUT AS WE CONTINUE TO MAKE OUR CAMPUS MORE DIVERSE.'

Continued from page 1

Guinier also touched on matters specific to institutions of higher learning, such as the use of standardized testing as a means of predicting college success. She said tests such as the SAT, LSAT and GRE do not predict performance except on the test. She said these tests do predict something else—the kind of car your parents drive.

Andersen said she thought Guinier touched on an important question about how standardized testing is considered in admissions.

"Diversity is tied to excellence," Andersen said. "So what she talked about in terms of not just always picking those with the top scores but really looking at what knowledge, experience and perspective different groups bring to problem solving."

Guinier's remarks on helping students succeed once in college were relevant to Dean of the College of Engineering Babatunde Ogunnaike. He said

engineering is a tough major, and he knows there are students who are truly brilliant, but because they do not have the background nor support system, they may face difficulty with the program.

"How do we provide for these students the background that will make them succeed?" Ogunnaike said. "How do we get to a point where we stop being bound or become almost slaves to these SAT scores and these rankings?"

Guinier called on the university community to think about support systems for student success among all groups, Andersen said.

"I thought she gave us a great deal to really think about as we continue to make our campus more diverse, make important decisions about how to support students," Andersen said. "I thought the way she concluded was particularly good in saying that, of course we need to pay attention to who we admit, but we need to really ensure that all of the students that we bring to campus do succeed."

University alum presents Holocaust documentary

BY MATT BUTLER
Student Affairs Desk Editor

A Women in the Holocaust class taught by Prof. Diane Isaacs held a private viewing of a documentary Thursday on Holocaust survivors, titled "No Denying: Delawareans Bear Witness to the Holocaust." The documentary is composed of interviews with Jewish Holocaust survivors who chose to talk about their experiences in Nazi concentration camps during World War II.

The interviews were conducted by Steve Gonzer, a university alumnus and educational specialist who worked in the Red Clay, Christiana and New Castle County Vocational Technical School District who estimated that he lost somewhere between 75 to 100 relatives during the Holocaust. Gonzer officially began working on the documentary in 2003; however, he said he had been conducting interviews of Holocaust survivors since 1989. The documentary premiered in 2008 and is 8 hours and 15 minutes long over five separate discs, Gonzer said.

Gonzer said his inspiration for making the film was a desire to learn more about Holocaust victims, including his family members. He said he was given the opportunity to hear the testimonies while on a Holocaust Education Committee, and he wanted to preserve others.

"I have several family members who were murdered in the Holocaust that my family would never talk about," Gonzer said. "I really didn't know much of anything about them. I thought it would great to be a documentary about it that would be available

to the general public, schools, teachers and the main idea was to provide future generations with first-person eyewitness testimonies from people who were in the Holocaust."

In all, 20 people, most of whom are residents of Delaware, agreed to be interviewed for the documentary. Gonzer said at times, it was difficult to find Holocaust survivors who were willing to relive the terror, as several of them said they have kept the things they had seen or felt during that time bottled up.

Gonzer said he tried to get different perspectives by speaking to several different groups of people with different experiences during that time. The interview subjects are organized into three different categories — survivors, liberators and righteous gentiles.

Survivors consist of Jewish individuals who lived through the Nazi camps such as Auschwitz and Birkenau. Liberators helped free the Jewish captives from concentration camps at the end of the war and were primarily American foot soldiers.

Righteous gentiles were people who were not necessarily directly involved in a concentration camp or the other facets of the Holocaust but were responsible for helping Jewish people survive throughout World War II by risking their lives to bring food or water to Jews who were hiding from Nazi capture.

One of the survivors was Susan Spitzer, a woman who lived in Hungary when the Nazis invaded and began collecting the Jews. She told the story of how her family was taken away in a cattle car with several other Jewish families. She said their only source of happiness was that they were

going through the ordeal together.

"It was June 14, a very hot day," Spitzer said in the documentary. "There was no air. When people had to go to the bathroom, they were using a bucket. Day and night we went with the cattle car, not knowing what was going on."

Spitzer said the only thing they had to eat during their travel were loaves of bread, but due to the high temperatures and lack of space in the cattle cars, the bread spoiled very quickly. Spitzer was eventually separated from her family when she got to the Nazi camp. She said she was spurred to speak about the Holocaust after hearing allegations regarding the validity of the Holocaust story. One of the loudest voices in calling the Holocaust a hoax has been Mahmoud Ahmadinejad, the former president of Iran, Gonzer said.

Sophomore Jenelle Buckle said she was in the Jewish Studies class that watched the documentary. She said the interviews left her with a different outlook on the Holocaust as a whole. When you apply the things that happened to the victims to yourself, they take on a whole new relevance, Buckle said.

"It definitely made me more thankful for what I have," Buckle said. "Seeing everyone talk about what they lost so quickly and how emotional they got made me sad too. It was very powerful."

Buckle said she hopes to see expanded educational courses in high schools on not only the Holocaust, but other instances of genocide as well. She said it is important for us to learn from them, otherwise history may repeat itself.

"I definitely think a genocide/



COURTESY OF STEVE GONZER
University alum Steve Gonzer's two cousins, pictured above, were gassed to death at Auschwitz. Gonzer estimated 75 to 100 of his relatives were killed during the Holocaust.

holocaust class should be required at least in all high schools," Buckle said. "It's a huge part of history, and it should never be forgotten."

The stories of Holocaust victims will never be forgotten if people like Gonzer keep the event alive and in the minds of people for generations to come, Buckle said. Even though the stories are hard to hear sometimes, Buckle said they need to be heard so the same mistakes will never be made again.

Gonzer said through the process of making the film, he learned to look at the human race

as a human family, and when something is wrong, people need to speak up, unlike world leaders during Hitler's reign. Gonzer said he thinks if the Holocaust is forgotten, the chances for another one happening become exponentially higher.

"There is an incredible importance of preserving accurate records for history," Gonzer said. "In 10 or 20 or 30 years, when I'm dead and all of these other people are dead, if nobody knows about this, then the likelihood of it happening again is probably a lot greater."

Bike path considered between Newark and Wilmington

BY MATT BUTLER
Student Affairs Editor

The Delaware Department of Transportation held a workshop last Tuesday in order to discuss a proposed bike trail that would run from the Wilmington area to Newark. DelDOT is currently conducting a study in order to

identify the best areas to utilize as bike paths, and the workshop was used to communicate with the public while the trail study goes on, DelDOT project coordinator Marco Boyce stated in an email message.

Boyce said the aim of the study is to find convenient pathways that can facilitate both

bicycle and pedestrian routes. A second connection, called the Glasgow Pathway, which will link Newark to the Chesapeake and Delaware Canal is also being examined, Boyce said. That connection would also pass through Glasgow Park and Lums Pond State Park on the way to the canal, he said.

Pat Correale, sophomore at the university and the chairman of the board for the Newark Bike Project, said he thinks the proposed bike paths would be useful for many people, and the path is a definite step in the right direction. Correale said the path would be a good addition to the area, not only because of the new convenience for bike riders but also as a way to provide more practical alternatives to automobile transportation.

Correale said he thinks the cost of the trail—which is still undetermined according to Boyce—will only be worth it if the trail that is picked for actual construction is a direct path from Newark to Wilmington. He said he knows a lot of people stopped at the workshop, and he thinks the path would be very popular among bike riders in the area.

"I think it would open up a lot of opportunities for people who commute," Correale said. "I, for one, have biked from Wilmington to Newark just for random occasions, and I would certainly consider doing it more often if there was an actual viable pathway to use."

Correale said the Newark Bike Project would consider using the paths for organized bike rides, though that would ultimately depend on what type of path the developers choose to

build. He said the Bike Project has never officially asked for an improved route from Wilmington to Newark, but when the group heard about the proposal, they were excited and supported it.

Boyce said DelDOT has been looking into building bike routes for many years, but this renewed effort was a result of the First State Trails and Pathways Initiative, which was created at the request of Governor Jack Markell in 2012. He said the initiative is a change in how bike routes are analyzed, as the focus has shifted to "shared-use pathways."

These pathways are considered trails where the bulk of the population is most comfortable walking or bicycling. Boyce said Boulder, Colo. and Davis, Calif. are both cities that are criss-crossed by dozens of the paths. Boyce said there has been substantial support for the path proposal so far, due in part to changes in everyday life.

"With the total cost to own and operate a motor vehicle rising, in concert with the automobile-dominated system of land use implemented post-WWII, the time is ripe to offer the public expanded alternative means of transportation," Boyce said. "Shared-use pathways can fill the niche of a relatively inexpensive alternative."

James Wilson, the executive director of BikeDE, a statewide bicycle advocacy group, said the pathway is sorely needed, and BikeDE had been calling for an expanded bike trail system for a long time. He said the state has under-invested in

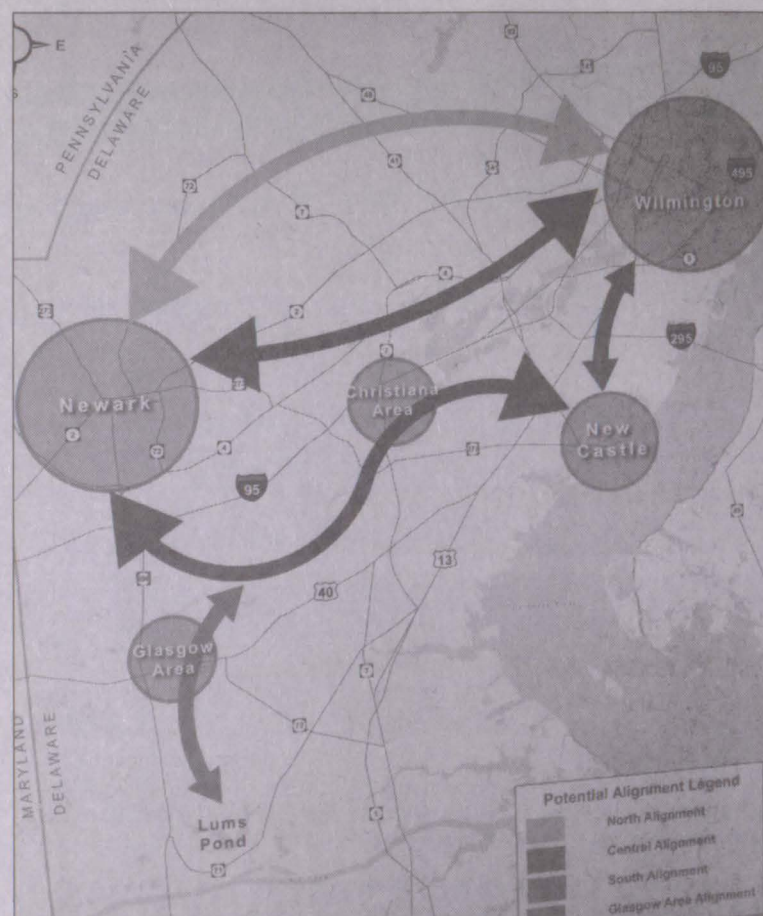
municipalities, as well as multi-modal transportation that has been very successful in other cities, and it has resulted in high numbers of traffic fatalities.

Wilson said although bikers and pedestrians make up around one percent of the total vehicle traffic in Delaware, they make up almost one-third of the total traffic deaths in the state. Last year, according to the Delaware Office of Highway Safety, of the 82 total traffic deaths, 23 were bicyclists or pedestrians.

Wilson said DelDOT spends \$400 million per year on improving the transportation system, and he thinks the amount of that budget that is spent on bicycle related proposals should be increased to 2 to 3 percent, or \$8 million to \$12 million. Wilson said he thinks this is the best way to respond to the high amount of pedestrian traffic deaths.

Wilson said he was encouraged by the public support for the bike route at the workshop. In the past, he said, DelDOT has held public forums about trail proposals and when faced with some public opposition, the projects have been shut down. Wilson said 150 people attended the event, and he heard no negative comments.

"This is a tremendous opportunity for the state," Wilson said. "But it's not going to happen by itself. If people at the university or people who live in Newark want this to happen, they need to stay engaged, because if decision-makers in the state stop hearing us, it will be very easy for them to push this to the side."



DelDOT hosted a meeting Tuesday to discuss the proposed bike route between Newark and Wilmington.

UD alumna named National History Teacher of the Year

BY KATE JENKINS
Staff Reporter

Jill Szymanski, a fourth and fifth grade teacher at Brandywine Springs School and an alumna of the university, has been chosen as National History Teacher of the Year for 2013 by the Gilder Lehrman Institute of American History.

Szymanski, who was up against more than 50 other teachers, said she was honored to have been chosen for the award.

The Gilder Lehrman Institute of American History, which gives the Teacher of the Year Award, is "a nonprofit organization devoted to the improvement of history education." GLIAH has a database of over 60,000 historical documents, called the Gilder Lehrman Collection, and offers support and programs for students and teachers in all 50 states, spokeswoman Joanna Byrne said.

Every year, teachers from every U.S. state and territory are nominated for Teacher of the Year by students, colleagues or principals, Byrne said. A committee selects a winner from each state, and these winners then compete for the national award, Byrne said. The first award was given in 2004, Byrne said.

Szymanski is the first-ever winner from Delaware, Byrne said. With the award comes \$10,000, and Szymanski will attend an awards ceremony in New York.

Szymanski said she believes she was born to teach. She said she had wanted to be a teacher for as long as she could remember.

"I would come home from school each day, line up my stuffed animals in front of my chalkboard and play school," Szymanski said. "As I got older, I did a lot of volunteer work with kids and worked at summer camps. I always knew I wanted to be a teacher, and I never considered any other profession."

Szymanski said she received both her bachelor's and master's degrees from the university. She said she has been teaching for 16 years, starting at Forest Oak Elementary School in Newark and then moving to Brandywine Springs School.

Szymanski said she received the award for a project she did with her fourth graders. Her students used primary sources to research a topic related to the Civil War and then created entries for the

class's "Civil War Museum." Students made exhibits, paintings and movies, with some students dressing up as Civil War-era figures to reenact an event those figures were involved in, Szymanski said.

Byrne said the national selection committee was impressed with the class's Civil War Museum.

"The committee determined that Ms. Szymanski showed the best use of primary sources in the classroom with her fourth and fifth grade students, allowing them to act as historians and work through complicated historical issues," Byrne said.

"I think the most rewarding part of being a teacher is seeing students excited about learning and knowing that we make a difference in their lives."

-JILL SZYMANSKI,
UD ALUMNA AND
NATIONAL HISTORY
TEACHER OF THE YEAR
FOR 2013

Szymanski said she credits her success to her professors at the university, who helped her understand the importance of active learning. While history has often been taught as a set of names and dates that students have to memorize, Szymanski said she has her students do hands-on activities to engage them in the learning process.

Education professor Melva Ware said she supports Szymanski's teaching philosophy. She said it is easiest for students to understand history when it is presented as a "story" in which they can place themselves. Ware said students from fourth grade and up should be



Jill Szymanski

exposed to original documents and taught to think critically about information they read in the media.

"His story' or 'her story' is really the narrative that helps us understand events that have shaped our lives within our families, communities, states, nations, the world," Ware said. "This plants the seed for critical thinking and questioning that are vital to the survival of a democracy."

Szymanski said she tries to use primary sources to help her students better understand the time period they are studying. By regularly attending classes and workshops, Szymanski said she is able to improve her own knowledge of history.

"No two years in my classroom are ever the same because I am always trying to find new ways to engage my students," Szymanski said.

A Teaching American History grant allowed Szymanski to participate in the Freedom Project, which she said helped give her ideas about lesson plans and sources. The project provided an opportunity for teachers to collaborate and share ideas for lessons, she said.

Ware describes education in America as a work-in-progress. She said she believes less emphasis should be put on testing and more on "demonstrations of mastery."

"We are moving along," Ware said. "America provides universal access, and we are working on ways to provide high quality opportunities for all. We have to engage students in their learning."

A teacher's passion for the subject is essential to student success, Szymanski said. The joy of teaching comes from seeing students' feelings of triumph when they master knowledge or skills they didn't realize they were capable of learning, she said.

"I think in order for students to become excited about any subject, including history, the teacher needs to be enthusiastic about the subject matter," Szymanski said. "I think the most rewarding part of being a teacher is seeing students excited about learning and knowing that we make a difference in their lives."

University switches to VoIP phone system

BY KEVIN CELLA
Staff Reporter

After weeks of preparation, the University of Delaware switched its telephone system to a Voice over Internet Protocol service Sept. 30.

VoIP is a service that delivers telephone and multimedia services over internet protocol networks, such as the internet or an intranet, rather than over traditional public switch telephone networks, which change switches in phones, allowing a circuit to connect the phones for as long as the call lasts, according to the VoIP website.

The transition period to the new system, also known as the "cut over," took place Monday and involved releasing all University of Delaware phone numbers from their Verizon Communications Inc. contracts.

This was followed by the new telephone provider, Windstream Communications, claiming the numbers with new contracts, according to Chief Technology Officer Daniel Grim.

More than 5,500 phone numbers were transferred to Windstream in two hours, with the entire system becoming operational by 11:30 a.m., Grim said. The switch was initiated largely because the university did not want to continue to maintain the phone system's large underground infrastructure, he said.

The infrastructure that supported phone communications is made up of thousands of wires, some of which are made of a pulp insulation, which is made from paper. If these wires are damaged or get wet, they will stop working, so making sure these cables remain undamaged is an expensive process, Grim said.

During the 1980s, the university began adding fiber optic cables to the system which not only deliver high quality services, but are also substantially more durable than the old insulation cables, Grim said. "A large part of our motivation for the new system was to not have to maintain the cables, make the system more reliable and also to not have the liability that the cables will fail and need to be replaced at an exorbitant cost," Grim said.

The new system not only operates on more durable cables, but also will save the university money over time. The initial investment for the new system was close to \$3 million, Grim said.

"What we did was take that expense and advertise it over five years, so without considering what

the interest is on the loan, we're talking \$600,000 plus per year," Grim said. "Our internal charge for use of telephones is \$15 a month doesn't really bring in a whole lot more revenue than that, so after this five years we probably won't do a whole lot better than break even. But, after that five years is up and all of the license cost and hardware cost have been paid off, our cost structure will go down significantly."

Along with the new VoIP system, the university will be receiving new phones models. Seven different models have been introduced, each with unique capabilities. Grim said the more advanced models were given to those who use the phones more often or requested these models, while the basic models were given to those without the need for those features.

Advanced features include transferring voicemail to emails and forwarding calls to user's cell phones when they are not at their desk, Grim said. The university will not be enabling these features all at once, though; new features will be introduced over the next several months to allow people to get used to their new phone model, he said.

For some, such as one administrative assistant at the university, the service switch was sudden and came with a degradation of quality.

"We were never notified when the switch over was going to take place," the assistant said. "We found out when our land line phones had no dial tone. The voice of the caller is muffled and drops out occasionally. Also, I can hear an echo at times while I am talking."

Undergraduate Administrative Assistant II Barbara Ford said the learning process is still ongoing.

"We were sent a link to find the user manual, but I have not had them long enough to form an opinion," Ford said.

Along with information sent to university employees about the new phones, the Information Technologies department also set up a webpage that has user guides for each of the new phone models. As the university begins to settle into the new system, Grim said, he is preparing to introduce the first new advanced feature.

"The capability that a lot of people have been asking for is called 'single number reach,' which connects the number at your desk phone to your smartphone so you can get calls when you're away from your desk," Grim said. "We're going to roll that out fairly quickly."



THE REVIEW/ALEXIS MILLER

95-year-old Tao Porchon-Lynch hosted a yoga class for a group of 200 on Sunday. Porchon-Lynch has been teaching yoga since 1962.

Guinness World Record holder for oldest yoga instructor brings positive energy to campus

BY ELENA BOFFETTA
Copy Editor

Sitting in the lotus position, Tao Porchon-Lynch, 95, faced a crowd of almost 200 people gathered in the Trabant University Center's Multipurpose Room at her yoga workshop.

She started her practice by offering the students a life lesson.

"Don't say can or can't," Porchon-Lynch said. "There is no such thing as that verb. It only means to be able to, and you are able to do anything."

The university's Yoga Club hosted the event Sunday and invited Porchon-Lynch, the Guinness World Record Holder for oldest yoga teacher, to conduct a two-hour long workshop. University students and Newark residents could participate by purchasing tickets for \$10 and \$25, respectively. Porchon-Lynch brought the 180 participants together in a series of yoga positions and breathing exercises.

Porchon-Lynch was born in India during World War I, and while there, she discovered yoga. At the age of eight, she saw some young men doing yoga on the beach, and she was curious as to what they were doing. When she asked her aunt if she could do it as well, she was told that yoga was not "lady-like." She said her response was, "If boys can do it, so can I."

She left India at the age of 19 to go to France, where she helped her aunt rescue and hide Jews from the Nazis in occupied France. Together, they helped them cross the border to Spain and Portugal when she lived near the coast in Biarritz, France.

Then, she became a model, working for famous fashions designers, including Gabrielle "Coco" Chanel and Jean Patou. Before becoming a yoga instructor, she was also an actress in Hollywood where she landed a contract with film production giant Metro-Goldwyn Mayer.

"Never be scared of

anything," Porchon-Lynch said. "If you want to do something, do it. Nothing is impossible."

Porchon-Lynch said she started teaching yoga in the United States in 1962 after taking a class with her stepdaughter when the instructor realized her potential and recommended that she should become an instructor as well. She founded the New York Westchester Institute of Yoga in 1982, where she continues to teach yoga workshops. Her lessons are also taught around the world today while showing people that there is nothing they cannot do.

"To have somebody of her level of experience and passion and compassion and to be spreading it so effortlessly and having everyone be so receptive to it—that's yoga."

—DEBBIE ZANDI,
YOGA CLUB PRESIDENT

Debbie Zandi, president of the Yoga Club, said the participants present at the event were connected to Porchon-Lynch's teachings, and some students came up to an hour in advance to speak with her. Porchon-Lynch gave everyone her full, undivided attention and hugged every person she talked to, Zandi said.

"To have somebody of her level of experience and passion and compassion and to be spreading it so effortlessly and having everyone being so receptive to it—that's yoga," Zandi said. "She was thanking me as if I had done something. She's beyond humble. She was happy that we were there to receive what she had to give."

Junior Lizzie DeLacy said she started yoga as a freshman by taking Zandi's classes and became a member of the Yoga Club at the end of her freshman year. She is now a board member and an instructor. DeLacy said she came away from Sunday's event feeling inspired by Tao Porchon-Lynch and would love to have the opportunity to see her again and follow another one of her workshops.

"She inspired me to keep spreading love to others because she does it to so many people around the world," DeLacy said. "She also inspired me to never give up because nothing is impossible."

Senior Chelsea Young said she is taking a one-credit yoga class, and this discipline helps her relieve stress and relax while putting things into perspective. She attended the Yoga Club gathering because she received an email about it from her instructor, and she said she came away from the event feeling encouraged.

"I am very inspired by her age and the fact that she is still doing all these things," Young said. "She finds the good in everything, and she is very positive. It is nice to see that especially when you are in college, and it is easy to be negative."

Porchon-Lynch concluded her day at the university by defining how she feels when she does yoga and when she teaches that art around the world.

"The joy of yoga, of being with people and showing them they can do something that they think is impossible, I think that is a jewel in life," she said.

Jagoda Dul contributed reporting to this article.

POLITICS STRAIGHT NO CHASER:

BOTH PARTIES FOES OF SMALL BUSINESS



ELIZABETH CATT

Both Democrats and Republicans advertise themselves as being advocates of small businesses. Democrats like to hop around in front of "green" businesses and tout their support of such ventures. Republicans prefer photo ops in front of construction companies and diners, just so voters can be sure they understand the plight of blue-collar workers. Politicians from both parties know "supporting" small businesses is pretty good public relations.

Americans have always had a thing for underdog success stories. The events of this past week prove the support of small businesses from our federal politicians in nothing more than a self-serving facade. The Affordable Care Act is bound to be a nightmare for small businesses, but House Republicans' refusal to pass a budget poses equal threat.

Let's start with Democrats. The Affordable Care Act demands that employers with the equivalent of 50 or more full-time employees offer health coverage to their employees. If they do not follow this regulation, these businesses will be fined \$2,000 per employee that does not receive coverage. New health care regulations have certainly given businesses a disincentive to expand. It looks like there are going to be a lot of businesses with 49 employees next year. The federal health care wizards also deemed a full-time employee one who works 30 hours or more per week. Perhaps a 29-hour work week will become the

new norm.

These are only a sampling of the rules and regulations small businesses must trudge through in order to remain within the law. Without the kind of dedicated human resource staff found in large corporations, this burden falls hard on business owners. The Affordable Care Act isn't the friend to small business Democrats claim it to be.

Republicans have also shown themselves to be an obstacle to the success of small business this week. The refusal of the House to pass a budget or work toward a debt ceiling resolution has cast a cloud of uncertainty across the entire nation.

Like it or not, a good portion of our nation's economy depends upon the government's ability to pay its bills. When "non-essential" employees are put on furlough, which many already have been, they stop spending as much money. When consumers spend less money, business suffers. There are also businesses like defense contractors that directly service the government.

The breakdown of civility in Washington certainly affects its ability to pay its employees. Furthermore, if our government can't work together well enough to pay the bills we have already racked up, why should anyone invest in our economy? I guess no one learned from our last go around with the debt ceiling. In order for businesses to be successful, they must exist in a stable political environment. House Republicans have managed to make the future of our economy foggy for ever.

In the United States, we have two political parties that see themselves as advocates for small business. Yet, neither seems to be doing a very good job actually delivering that promise. I say the next time a Republican or Democrat makes a campaign trail stop at a diner or high-tech startup they learn a thing or two from the people who actually know how to get a job done. Unlike politicians, business owners personally suffer or succeed based on their ability to provide what they've promised.

—Elizabeth Catt
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MATHIS: 'THEY HAVE AN LBGTQ MENTORSHIP PROGRAM THAT WE LOVE AND ADORE AND WANT TO GIVE AS MUCH HELP TO AS POSSIBLE.'

Continued from page 1

Carrera then had Fox walk amongst the audience in the outfit to show off and get "tips" for the Big Brother, Big Sister fundraising efforts.

Despite the unexpected stage performance, Fox said she had a great time on the catwalk.

"You can't keep me away from drag shows now!" Fox said.

Junior HAVEN President Jeremy Mathis said this year's drag show had the most sponsors since its creation, including the Cultural Program Advisory board, SCPAB and SGA. He said all of Greek life came together to sponsor the event, a first for the HAVEN drag show.

Mathis said an additional first for the event is the allowing of tipping, where audience members could put money in a basket to

"tip" each performer. He said all of the proceeds would go to the Big Brother, Big Sister program.

"They have an LBGTQ mentorship program that we love and adore and want to give as much help to as possible," Mathis said.

Senior Danielle Levredge said she is a huge proponent for the LBGTQ community and enjoys coming to events that support the community. She said she went to the spring 2013 drag show, which features all students, and she enjoyed both of her experiences. She said she thinks it's important to come out and cheer on the students and professionals alike.

"I think it's important to acknowledge gay culture on campus," Leverage said. "There's virtually no other clubs. You've got to make sure these people feel supported and come out to their stuff."



MARCIN CENCEK

Saving can be a pain. This is even more true when you think about the fact that the inflation rate is roughly 1.5 percent. In other words, money sitting idly in a bank account is technically losing that much value per year. While this may seem like a good reason to justify letting that

FINANCIAL LITERACY: UNDERSTANDING THE BENEFITS OF ONLINE BANK ACCOUNTS

money burn a hole in your pocket, it is an even better idea to hold on to that money, and let it grow while limiting the effects of inflation.

To that end, I am a big fan of online banks. These institutions are able to offer higher growth interest rates partially due to not needing to maintain traditional brick-and-mortar bank buildings. For example, let us take a look at the bank that has the current partnership with the university—PNC Bank. The Pittsburgh-based bank has over 3,000 branches and is the sixth-largest bank in the United States, based on the total deposits. However, its popular virtual wallet service offers a miniscule 0.01 percent growth rate per year by default. If you are a spender with more than five debit card purchases per month, you get your growth rate bumped up to 0.2 percent for the following month.

When you compare this number to inflation, you realize it is seven and a half times smaller. The "growth" account is not actually growing your money — it is only very slightly lessening the rate at which you lose it. This is where online savings accounts can help out in two ways. First is the obvious higher growth rate. Today, several high-rated banks offer a growth rate of over 0.8 percent, with several options also approaching the 1 percent mark. Furthermore, this money is also somewhat less liquid than what is stored in traditional savings accounts.

This can be a pro or a con, but I certainly view it as a benefit. The money is still accessible and easily transferred to a checking account in roughly three days. However, that lack of immediate movement from one account to another is enough of a deterrent to stop you from moving

it on a whim and making a purchase you do not need. Most online banks allow bill payments and other large purchases to be made directly, up to a certain number of transactions per month (typically six). This further eliminates the fear of running into a money emergency and not having the money available for those three days.

There are other options for reducing the effects of inflation and preventing you from spending frivolously. Certificates of deposit are a popular choice and offer a simple way of letting your money grow, at the expense of you not being able to touch it for a set amount of years. If you find yourself with a significant sum of cash and wish to make that investment, online banks likewise give you excellent rates with no fees and generally a smaller minimum amount. If you decide to commit to five years, for example, you can find

several banks with growth interest rates on certificates of deposit that approach 2 percent. The more flexible two-year options currently give roughly 1.2 percent, but the extra 0.2 percent increase might not be worth the flexibility tradeoff from a savings account.

Regardless of your situation, my advice is always to research. I will not list any specific suggestions because there are so many online banks, each with their own perks, rate and conditions. Finding a suitable one is not challenging, but it can be somewhat time consuming. Look for some current critic favorites by Googling "top online savings accounts" and do some light reading. It will certainly benefit you in the long run.

—Marcin W. Cencek
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WELCH: 'IF THE GOVERNMENT HAS TO SHUT DOWN, SOMETHING IS OBVIOUSLY NOT GOING SMOOTHLY'

Continued from page 1

When the research office learned about the possibility of the government shutdown, Riordan said they tried to prepare the university's research community for the impact on its work by sending out a memo on Sept. 26 that outlined the potential effects of a government shutdown.

The majority of research grants have already been awarded, and for most of the researchers at the university, the shutdown's main impact is an inability to reach funding agencies over the phone, Riordan said. However, all research awards granted after Oct. 1 are currently on hold, and any new proposals cannot be funded until the shutdown ends, he said.

Work at the U.S. Department of Agriculture research lab located on South Campus has stopped, said junior Jacqueline Hoban, who does undergraduate research at the lab. The quarantine facility studies invasive species, but all of their research has temporarily been put on hold, she said.

Only four researchers are allowed in the facility because they are considered "essential government employees," Hoban said.

Those researchers had to be trained very quickly to maintain the insect colonies, she said, and the remaining colonies were essentially put in freezers.

The students who work at the USDA lab are not currently being paid, but more importantly, Hoban said, they are not receiving the research hours they need. She said she worries the more time that passes, the more time the lab will need to recover their research because the insect colonies will die.

However, the shutdown is not the only setback the research community has had to face. In March, the university's research funding was slowed down as a result of the sequestration. Riordan said students currently have access to the most advanced tools and knowledge, but he is concerned about the potential long-term effects of the shutdown and sequestration on research.

"The biggest thing I worry about for the country is what this is going to mean, is it's going to slow the rate of discovery and innovation and job creation," Riordan said. "It can hinder the best and brightest from going into these fields at a really critical time."

Similarly, members of Registered Student Organizations such as the Outing Club have also felt the effects of the government's current inability to fund federal land. Senior Isabella Welch, an officer of Outing Club, said the organization had planned a trip to Assateague Island National Seashore this past weekend, but because Assateague is currently shut down, the group had to go to a state park instead.

Unless they have a parent or a friend who works for the government, Welch said she thinks most students have yet to feel the repercussions of Congress's standstill. She said some may understand what is going on, but those students may not realize the far-reaching implications if Congress fails to come up with a budget sometime soon. She said a continued shutdown will affect the economy and the debt crisis, and frustration will continue to mount.

In Delaware, government officials have joined the list of more than 130 lawmakers across the nation refusing pay until the shutdown ends.

Spokespeople for Rep. John Carney (D-Del.) and Sen. Tom Carper (D-Del.) announced both men's salaries will be donated to charity for the duration of the shutdown. A spokesman for Sen. Chris Coons (D-Del.) said the senator planned on sending a check to the Treasury for the salary he is being paid.

Welch said she personally feels angered by Congress's inability to reach a resolution.

The shutdown underscores the lack of communication going on between the Democratic and Republican parties, Welch said.

"If the government has to shut down, something is obviously not going smoothly," Welch said.

She said the current situation exemplifies why there is currently a need for more respect and willingness to compromise between the two parties.

Likewise, Hoban said she feels causing a government shutdown is a poor way for Congress to go about making changes to the federal spending bill.

"The way they're going about it is an act of terrorism holding everyone else hostage," Welch said. "It's kind of petty and childish."

While she is unsure how long it might take Congress to come to some sort of consensus, Welch said she is hopeful for a resolution because she does not want another recession.

"In the grand scheme of things, coming to an agreement about the debt ceiling has a larger effect globally than the national government shutdown, so I'm hoping that Congress will look at the bigger picture and realize that there are more important issues at hand than the potential revision of the Affordable Care Act," Welch said.

Faculty Senate approves Speech Pathology M.A. program, discusses budget transparency

BY JAGODA DUL

Administrative News Desk Editor

President Patrick Harker praised the university's successes over the past year during a Faculty Senate meeting yesterday by highlighting this year's third largest applicant pool in history, a record number of honors applicants and an enhanced financial aid package for in-state students.

The university continues to face challenges in designing a classical core curriculum, he said at the meeting in Gore Hall.

"A curriculum that is well-designed is easier to deliver, better for students and can also reduce overall cost so creating more intellectual flexibility in general curriculum is where the secret sauce of a college education is," Harker said.

Harker also addressed the Sept. 9 "I'm Shmacked" incident by posing a question and a "plea for help."

"Since a group of primarily first-year students did this on a Monday night, we must ask what they were doing on that Tuesday morning and challenge our students enough that they would not do that on a Monday night," Harker said.

Following an update on the budget model and STAR Campus, Harker turned the podium over to

Senate President Deni Galileo to begin the Faculty Senate meeting and introduce two speakers.

The featured speakers this month were Director of Admissions José Aviles, as well as Jim Morrison and Prasad Dhurjati, members of the Ad Hoc Responsibility Based Budget committee.

Aviles said the university continues to face challenges in admissions due to the decline of high school graduates after 2011. He showed College Board and ACT statistics, which demonstrated the decrease of student scores on these standardized tests nationwide.

"The College Board report on SAT scores gives us a sense of the thinness of population that we're working with," Aviles said.

John Morgan, a Physics professor, said he questioned the measurement of true student potential based off of SAT scores and stressed the importance of a focus on attitude instead of aptitude.

"If a student really hits the books, they will definitely be successful at the university," Morgan said.

Morrison and Dhurjati both presented the findings of the Ad Hoc RBB Committee, which explored the impact of RBB on academic mission and faculty governance.

See MORRISON page 7

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Campus frats team up with HungerU

BY ALISON WILSON
Senior News Reporter

This past week the Farm Journal Foundation, an organization dedicated to ending world hunger, brought the HungerU initiative to campus to spread awareness about hunger and agriculture. The group set up a mobile interactive exhibit between Drake Hall and Colburn Hall Sept. 30 through Oct. 1 to spread awareness of the global hunger crisis to the university's students.

"Our goal is to engage in conversation," said HungerU crewmember Malorie Bankhead. "We want to bring hunger to the forefront of students' minds because we know that without awareness we can't begin to fight an issue, and the global hunger crisis is something that needs to be addressed now."

One in seven people worldwide are hungry, and although the United States is the most food secure, according to the Food Security Index, one in six Americans still go hungry every day.

"Hunger is something you see everywhere," said Mallory Weber, another crewmember. "Every country you go to, every state, it's there."

The Food Security Index measures the affordability, availability, quality and safety of food in 107 countries worldwide, ranking the Congo as the least food secure.

Interactive screens presenting information from the Food Security Index were on display at the HungerU exhibit last Monday and Tuesday. Students and anyone who happened to walk by could learn about the food security of any one

of the 107 countries included in the research by exploring the index's website and clicking on the screens. Bankhead, Weber and another crewmember, Camren Gerner, were stationed there to answer questions about agriculture and the global hunger crisis in order to generate an interest in this issue the world is facing in the hopes that it would lead to action.

"We are the foundation—awareness, talking about it," Gerner said.

Introducing students on college campuses to the hunger crisis, discussing it with them, getting them to talk about it with each other and spreading awareness are the initial steps to inciting people to get involved in eliminating the hunger crisis, the three crewmembers said.

All three crewmembers focused specifically on creating a "ripple effect." They said this is what the HungerU exhibit is all about. The efforts of a single person, once noticed by other people, can cause a "ripple effect" as more and more people get involved, Bankhead said.

Stop Hunger Now, the partner program that works with HungerU, hosted a meal-packaging event last Tuesday evening at the Trabant University Center. Participating in this event is one way for people to engage in progressive causative action, Bankhead said, as approximately 20,000 meals to be sent to hungry children worldwide can be packaged in about two hours.

Stop Hunger Now representatives and approximately 100 university volunteers labeled cardboard boxes for shipment before they were separated into three teams working the funnel station, the

sealing station and running between stations restocking supplies and transporting packaged bags, Angela Carcione, president of agricultural fraternity Alpha Zeta, stated in an email message.

Workers at the funnel station scooped six servings worth of rice, vegetables, nutrients and soy meal into a bag to be sealed by workers at the sealing station. By around 9:30 p.m., the truck was loaded and the clean-up process began. Sabrina Sterlacci, Alpha Zeta's CAP/risk management chair, said the event was a huge success.

"We packaged 21,600 meals in about an hour and a half," Sterlacci stated in an email message.

Alpha Zeta, Alpha Gamma Rho and Sigma Alpha, special-interest agricultural fraternities at the university, co-sponsored HungerU and Stop Hunger Now on campus this year. Bankhead said the fraternities are very passionate about innovative change for agriculture, and they felt that the exhibit would be a great way to start a movement on campus.

"We agreed to cosponsor the event to not only do something together that would be fun and a great cause, but also because all of our 'special interests' relate to agriculture," Carcione said. "A major aspect of that interest is food security."

Sterlacci organized the Stop Hunger Now meal-packaging event with Alpha Gamma Rho and Sigma Alpha. Sterlacci said she felt that planning an event with Stop Hunger Now would make HungerU's presence on campus well worth it, as students would be able to put what they learned at the interactive exhibit

to use.

Benjamin Somers, Alpha Gamma Rho's social chair, stated in an email message that once the fraternity members had heard what Sterlacci was planning, they immediately wanted to get involved and help out, as the issue is linked to the core of the fraternity.

"This was an experience that we were not going to miss," Somers said.

After all, he said he hopes that students who experienced the event will become more concerned with the global hunger crisis and seek action.

"Although we might not be able to have packaging events weekly, having an understanding of the issue will lead people to ask, 'What can I do to help?'" Somers said.

This is the main question that HungerU tries to get students to ask themselves before Stop Hunger Now answers that question by showing them specifically how they can get involved and participate in the global hunger battle, the crewmembers said.

HungerU is currently on its third tour, Bankhead said. The initiative launched last fall in the upper midwest and continued into the spring as the mobile interactive exhibit made stops on college campuses along the west coast, Bankhead said.

"We're hitting 18 college campuses and the National FFA [Future Farmers of America] Convention between New York and Florida this fall," Bankhead said. "So this is our largest tour yet, and we're really excited to engage with students to make a positive impact for the future of the hunger crisis."

MORRISON: IT SEEMS THAT MONEY IS DRIVING MOST OF THE PRIORITIES RATHER THAN ACADEMIC QUALITY

Continued from page 6

The committee reached the conclusion RBB is truly not decentralized and very little decision-making related to allocation resources carries through to department level.

"We would like the senate to get behind a strategy for greater decentralization and make the budget more transparent," Morrison said. "It seems that money is driving most of the priorities rather than academic quality."

After both speaker presentations, the Faculty Senate discussed and passed three resolutions. The M.A. Speech Language Pathology program was approved, though was controversial among senators.

"What we are creating with this program fits very strategically in what we are creating in this university, and it will be how we really move forward as a university," said Kathleen S. Matt, dean of College of Health Sciences.

The motion to postpone a request to establish a standing university Faculty Senate Budget Committee until after an open meeting of the RBB committee passed, as did the motion to grant permanent approval of a doctoral program in preservation studies.

EDITORIAL



"The government shutdown is no walk in the park."

THE REVIEW/EMILY DIMAIO

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Real life consequences of government shutdown unrecognized by politicians

The government shutdown is not only affecting government employees forced to go without pay, but also the individuals who rely on federal funding. As the military struggles to operate and sustain itself with a sudden lack of civilian employees, at the university, researchers are also finding their work in danger of being lost, and the Outing Club at the university has canceled trips due to the closing of federal parks.

While Congress continues to debate how best to allocate federal spending, many Americans are waiting with baited breath to find out when

their next paycheck will come. As the political stalemate continues and Americans' frustration grows, the need for bipartisan cooperation in Washington becomes increasingly evident.

While some lawmakers have elected to forego receiving a salary during the shutdown as a show of good will, more than that, we want politicians actively making strides towards a resolution. While the effects of the shutdown are felt by some more than others, politicians have a responsibility to serve all of their constituents, especially those who also work in the government.

University should recognize diversity in all forms

This week, Lani Guinier spoke on campus and made several valid points regarding diversity on college campuses. Because the definition of diversity is constantly evolving, we must actively engage in conversations about diversity instead of ignoring it.

The value of creating a diverse campus is that it brings people together from different backgrounds and life experiences, who then in turn can learn from

each other. Like Guinier said, diversity is a multidimensional— aspects such as family income, race and life experiences should be considered when universities admit students.

Similarly, test scores alone are not a fair indication of a student's potential to succeed. Students are more than an SAT score, so the university should continue to ensure it accepts students not solely based on test-taking skills.

CORRECTIONS

In the Oct. 1 issue, the editorial titled "Banned Books Read-Out a great campus event" stated the name of the English honor society as Delta Sigma Tau. The society is actually called Sigma Tau Delta. Additionally, April Kendra's colleague is from Kuwait, not Saudi Arabia.

Republicans not to blame for government shutdown

If you ask many students about the government shut down, the kneejerk reaction is "blame the Republicans" because "they don't want people to get affordable health care" under Obamacare. The media, Democrats and general population are quick to chastise them, but fail to understand why Republicans are fed up with Obamacare and how the Democratic party is behaving.

Republicans have several issues with Obamacare (examples include businesses slashing jobs and hours, forcing people to buy things and failing to cover 11,000,000 people), but they are truly upset and angry about illegal modifications President Barack Obama has made to his signature law.

On July 3, he unilaterally delayed the Employer Mandate (which requires businesses with more than 50 employees to offer affordable health care) from 2014 to 2015 while leaving the individual mandate in place. The CATO Institute notes that Congress did not authorize the Treasury to waive the penalties or the reporting requirement.

On Aug. 1, Mr. Obama responded to complaints from Democrats that they and their staff would lose their current federal contributions (\$5,000 for single, \$11,000 for families), be required to sign up under the health exchanges and not afford the premiums (despite making over \$170,000 a year) by unilaterally authorizing 75

percent premium subsidies (paid by the taxpayers) for all members of Congress.

The Senate constantly says the House will not negotiate despite offering no compromises itself. The House has offered several Continuing Resolutions and funding bills this past week. When the Senate said no to defund Obamacare, the House came back with a request to delay the individual mandate. This amendment was also rejected. When the House showed signs of willing to fund Obamacare as long as the above mentioned subsidies were repealed, every Senate Democrat voted to keep their subsidies. When the House offered bills to fund agencies, the Democrats said needed funding, the

Senate voted them down as well.

Finally, on Wednesday, CNN reporter Dana Bash and Senate Majority Leader Harry Reid (D-NV) had an exchange about funding the National Institute of Health. Bash asked if the Senate would be willing to pass a resolution to fund the NIH, even if it would save one child's life. Senator Reid responded by asking why he would want to that, and mentioned that he had 1,100 furloughed employees with their own problems. This is contrary to Senate Democrats' beliefs; however, CNS News points out several senators demanded the NIH be funded, but all voted against the House's single resolution to fund it. The Senate has stated it will only fund the NIH if the

entire government is funded as well.

This whole mess is not solely the House Republicans' fault. Senate Democrats continue to support the president's amendments to Obamacare despite them being illegal. Despite offering numerous funding bills and continuing resolutions, the Senate continues to vote against any spending bill that does not fit their exact requests, nor will they accept funding for programs they specifically say are being hurt by the shutdown. The next time someone asks who is to blame for this government shutdown, remember that the Senate has been stonewalling the Republicans as well.

— Paul Washburn,
guest columnist

THIS WEEK IN PHOTOS



THE REVIEW/ADDISON GEORGE

The family of Louis L. Redding, the first African American admitted to the Delaware Bar and who was involved in the desegregation of the university and Brown v. Board of Education, was in attendance at the dedication of the Louis L. Redding residence hall on Friday. J.B. Redding gave the invocation, and Louis Redding's grandsons Lucas and Stefan Redding spoke on the legacy of their grandfather. The ceremony was followed by a reception inside of the residence hall.

At 3:56 p.m. Friday, a professor at the university received an e-mail from a university official that contained the following: "The event dedication the new dorm behind Perkins is going to have a visitor. One that travels with Secret Service." Rumors circulated among attendees that the visitor was Vice President Joe Biden, however, he did not make an appearance at the event.

"He had intentions of showing up, but was unable to attend at the last minute," Lauren Ellis, residence hall coordinator of Redding Hall, stated in an email message.



Scene on the South Green.

CONTRIBUTED BY BYRON LAMBROU



An array of mini pumpkins and squash collected at Milburn Orchards this weekend.

THE REVIEW/MICHELLE MORGENSTERN



Lego models of ships were on display at Coast Day this Sunday.

THE REVIEW/MICHELLE MORGENSTERN



THE REVIEW/ADDISON GEORGE

Newark residents stand on the sidewalk of New London Rd. Thursday protesting plans for Data Centers LLC, a data center and natural gas power plant to be built on the university's STAR campus. The protesters attempted to garner attention during a rumored Board of Trustees meeting at the Courtyard Marriott near Laird Campus.



THE REVIEW/ALEXIS MILLER

Swimmers cheer on their fellow teammates at Saturday's meet.

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MOSAIC

PAUL HARDING'S "ENON" OFFERS PERSPECTIVE
ON LOSS OF A CHILD IN THIS WEEK'S READING
WITH RACHEL PG. 13

Four Morris librarians recognized by American Library Association pg. 12



The TEACH FLEET exhibit on display at Hugh R. Sharp Campus for Coast Day.

COURTESY OF AMY SNELLING

Crabs, competitions and LEGOs featured at this year's Coast Day

BY GABRIELLA MANGINO
Senior Mosaic Reporter

Sunday afternoon, the 37th annual Coast Day took place at the Hugh R. Sharp Campus in Lewes, Del., both inside campus buildings and outside in several tents.

Coast Day is a community event sponsored by the university's College of Earth, Ocean and Environment and the Delaware Sea Grant College Program. Katy O'Connell is the director of Environmental Public Education with CEOE and the Delaware Sea Grant College Program, whose role in Coast Day is to help run the media and awareness aspects of the event.

"Coast Day really started as a way to educate people about our coast and to excite them about the many things we have to offer in our programs," O'Connell says.

The theme chosen for this year was "Building Resilient Coastal Communities," O'Connell says, as building coastal-fitting towns and helping them prepare for sea level rise and climate change was the focus for this year's event. She also

says her department focuses a lot of attention on Delaware's coast.

"The Delaware Department of Natural Resources and Environmental Control has really ramped up its efforts in regards to sea-level rise and climate change," she says.

O'Connell says the day's aim was to focus on hurricane preparedness, emergency response and tasks people can do at home to protect themselves.

"The biggest thing we'd like to get out of the event is that people have an increased awareness of what they can do to both enjoy the coast and protect it," O'Connell says.

The program map outlined the Coast Day events, beginning with the crab cake cook-off, followed by the announcement of the fifth-grade essay contest winners, seafood chowder challenge and chemical magic show. On the schedule for later in the day was a lecture titled "Tropical Systems in the Mid-Atlantic and Hurricane Sandy," as well as various cooking demonstrations. The closing event

was an oyster shucking contest.

Outside, large white tents were set up with tables for organizations like the Sierra Club, Lewes Historical Society, Delaware Solid Waste Authority, Delaware Audubon Society, Chesapeake Bay Foundation and others. Some of these tables were interactive, like Delaware DNREC's paint-by-numbers activity and trivia questions at the "Microbes" in water table.

Gary Laing, the community relations officer at the Delaware Emergency Management Agency, says in correlation with the "Building Resilient Coastal Communities" theme of Coast Day, his job and table presentation was to help prepare Delaware for emergency and response to weather storms by educating residents. He says personal preparedness is the most important part of facing an emergency, and emergency planning is critical when it comes to evacuation and safety assurance. He gave out home-preparedness guides and emergency-response tips at the event.

See O'CONNELL pg. 13

'Random Acts of Poetry' aims to inspire students around campus

BY COLLETTE O'NEAL
Copy Editor

Students interested in creative writing will have an additional opportunity to publish their work later this year due to a new program in development by the English department.

The program Random Acts of Poetry was created in collaboration with the English honor society Sigma Tau Delta and student writing organizations like Main Street Journal and Blue Pen Creative Writing Society. Random Acts of Poetry will involve posting student poetry at various locations on campus and Main Street each semester. Submissions are currently being accepted.

English department Chair John Ernest says the idea for the project was inspired by his experience encountering a poem by one of his favorite authors while traveling on a bus in Miami.

"I have seen other things like this and so I wanted something that would get poetry across campus and around town, because I think it's such a great thing to be going through your day and suddenly encounter a poem that makes you pause and think, or smile or whatever," Ernest says.

As one of numerous projects Ernest says he plans to start, the hope is that the English department will be recognized as a place where students can gather for intellectual discussion and release their creative selves, he says.

Senior Mary McKeegan,

treasurer of Sigma Tau Delta, says she and the other officers of the chapter were enthusiastic about the project since the chapter hasn't been very active around campus in recent years.

"We jumped on it because it was a good way for us to get involved in the English department and on a greater scale on campus," McKeegan says. "I think we wanted to find a way for our members to publish their work and getting involved with other English majors that might want to contribute."

Although it is important to involve English-affiliated student organizations and their members, Ernest says students from any major who want to express their creative side are encouraged to submit their work.

After submissions are collected, board members of the creative writing organizations and other English students will participate in the selection process, he says.

"I'll need to have the final say just because it represents the department, but I would really like students to be the ones who are narrowing it down to some final choices," Ernest says.

Since the project is so early in development, Ernest says, the locations where the work will be posted have not been arranged yet, but there will be an opportunity at the end of the year for selected poets to read their work. The poetry series is meant to be an annual event, he says.

See BULLER pg. 13

SIGHTS & SOUNDS

GRAVITY



"I could get used to it," says Dr. Ryan Stone, played by Sandra Bullock, in the beginning of "Gravity" as she admires the silence and the vast, stunning view of Earth from space. Stone has yet to find out how much she would regret saying this.

Stone is a biomedical engineer in one of the crews of NASA's space shuttle "Explorer" on her first space shuttle mission. A few minutes into her task, debris from a satellite crash into the spaceship, disrupting the tranquil silence of space. Stone spins around uncontrollably and quickly begins to panic. The remainder of the movie continues in a rapid speed with endless nerve-wracking moments.

What initially seemed to be a peaceful, ordinary trip into space quickly turns into a desperate journey for survival. As a result, the characters, as well as the audience, endure heavy concentrations of mixed fear and anxiety throughout most of the film.

When Stone almost reluctantly gives up, veteran astronaut Matt Kowalski (George Clooney) comes to the rescue. After finally adjusting to the situation, they realize they are the lone survivors of the accident and they have lost all forms of communication with their station on Earth.

Within 90 minutes of running time, "Gravity" narrates

a powerful story of a woman's transformation as she struggles to survive in space. Having lost a daughter prior to the space mission, Stone is a complicated character with unsolved problems and resentments. Initially, Stone doesn't seem to try too hard to survive until Kowalski, who never loses his sense of optimism throughout the crisis, accompanies her. Kowalski constantly talks and tries to ease Stone's state of mind as they search for a nearby space station. Clooney's charms successfully convey the enthusiasm of his character.

Even with Kowalski's help, Stone begins to lose hope again as she realizes how her life without her daughter has created an empty hole. Stone's self-reflection doesn't last long though, as she is interrupted by more debris. The journey is far from being over.

Throughout this intense and petrifying experience, one will notice small changes taking place in Stone. Like Kowalski, she gradually becomes calmer and more optimistic, even when the situation seems to get progressively worse. Her increasingly subtle humor makes her character more likeable each moment. Stone's transformation from a lifeless being into a lively character is remarkable. Bullock brings out one of her best performances as she presents this sublime transformation to the

audience. As the title of the movie suggests, there is a gravitational power "Gravity" carries that allows the viewers to believe this incredible transformation of a woman, who is challenged both mentally and physically beyond what anyone could imagine, in this devastating disaster.

"Gravity" certainly is a well-made thriller and a warm-hearted, sincere story about survival. In addition to its moving story, the movie offers striking visuals. Directed by Alfonso Cuarón and cinematographed by Emmanuel Lubezki, "Gravity" creates a world in space that can easily be mistaken for the real thing. Another aspect that makes this movie more realistic is the back-and-forth transitions from a third person view to a first person view. Not only does this technique provide more realistic perspectives, it also intensifies the whole disastrous situation, fully engaging the viewers' commiserating hearts.

Overall, "Gravity" tells an astounding story of a character ultimately battling for survival. The point is not to just watch someone struggle to survive, but to be able to feel sublime changes taking place in the viewers as they reflect their own daily challenges while watching the movie.

—Jae Woo Chung
jaechung@udel.edu



COURTESY OF REGENCY ENTERTAINMENT

RUNNER RUNNER



When I heard about this movie, I figured it would be similar to others of its kind: a fast-paced thriller, telling the tale of some poor fellow hitting it big at the slots, getting in the league with the wrong bunch and then losing it all. This is sort of what happens, but is slower to get to the point while going through all of the banal plot layered with a cheesy voiceover.

"Runner Runner" is the story of Richie Furst (Justin Timberlake), a student attending Princeton for his master's in finance. He runs into money trouble and realizes he won't be able to afford his \$60,000 tuition unless he takes action. In order to fund his education, Richie gets involved in online gambling at his school. After he is caught and threatened by the dean, Richie moves on to playing poker for the cash. He, of course, loses big and finds out he was cheated by the smart use of statistics.

Richie is outraged by this, and coupled with his desperation to get the money back, he travels to Costa Rica to confront Ivan Block (Ben Affleck), the head honcho and owner of the world's biggest online gambling website. Ivan reimburses Richie for his loss and, even better, asks him to come and work for him. It looks like Richie has finally made it big, right? Wrong—he digs himself into an even deeper hole than ever before.

While working for Block, Richie meets Rebecca Shafran (Gemma Arterton), and they become romantically involved. As the movie progresses, Block sends Richie out to do his grunt work where he gets trounced by a guy that Block swindled out of payment. Richie soon realizes he must try and leave the country or get sucked into Block's scheme and take the blame for what Block's corporation has

been doing when Block skips the country to set up house elsewhere. With Rebecca on his side, Richie comes up with a plan to have Block arrested on American territory. Richie leaves the FBI agents with a flash drive with a massive amount of evidence to convict Block, while Richie and Rebecca make their getaway on a private jet.

FBI Agent Shavers (Anthony Mackie) adds comedic relief to the film. Although he has few lines, he delivers them with passion as he threatens Richie and then later apologizes for beating him up. He is the prime source of entertainment, unlike Affleck, who is given some humorous lines but delivers them in the same monotone voice that he has during the whole film. His lack of expression really comes through in the film and makes me think the part could have been better played by someone who cared about his lines more. However, Timberlake played his part well, with a boyish charm and naivety that gives off the impression of a typical college student.

"Runner Runner" has a slow beginning with a plot that doesn't seem to come together. There are some scenes that are just "there" and could be fleshed out to give them further depth and more than twenty seconds of screen time. Some scenes are integral to the movie plot, but are just plopped in to explain later action. It feels like the real plot starts halfway through the movie when Richie tries to board a plane home and continues into the explosive ending, which, although it comes quickly, leaves the audience satisfied. Overall, this movie is good for a quick, action-packed thriller, but I don't think it's anything to write home about.

—Angela Jenson
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COURTESY OF WARNER BROS.



KATIE ALTERI

OFF THE RECORD

ALBUM

REVIEW:

JUSTIN

TIMBERLAKE'S

THE 20/20

EXPERIENCE

PART 2

The second installment of Justin Timberlake's album *The 20/20 Experience* was released on Sept. 30, six months after the first half of the album came out. It isn't a regular occurrence for an artist to release two full-length albums six months apart from each other, and one might assume that the second album would be watered down, lesser tracks. This is not the case for Timberlake, as part two of *The 20/20 Experience* is an exemplary pop album.

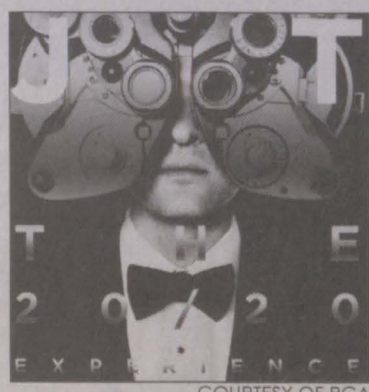
It is apparent that the seven-year hiatus Timberlake took from the music industry was not in vain (yes, it's hard to believe his last album was *FutureSex/LoveSounds*, released in 2006). While the first half of the album featured up-tempo tracks such as "Mirrors," "Suit and Tie" and "Tunnel Vision" and proved to be a commercial success, the second half reveals Timberlake's multifaceted talent as an artist and encompasses multiple genres and subjects.

The two albums are good in their own respects, but it's shocking that Timberlake wouldn't want to release the tracks featured in the second installment in the first batch of songs. On top of that, the tracks are all extremely long, which at first glance looks very excessive. The longest track on the album ("Not a Bad Thing"), although 11:31, somehow manages to stay relevant and enjoyable to listen to.

In addition to this, the album as a whole is different from the first half. Timberlake did an exceptional job at making a diverse mix of songs. Hip-hop fans will be pleased with "Cabaret" and "Murder," while "TKO" and "Drink You Away" will bring Timberlake fans back to his past heartbreak related tracks like "Cry Me A River" and "What Goes Around.../ Comes Around..."

The album proves to be experimental and innovative, straying away from typical pop music sounds and lyrics, without evoking the feeling that Timberlake tried too hard. He gives fans some techno-sounding new age tracks, but goes back to the basics with others. It's almost shocking at how an album with such a wide array of genres and subject matter can flow so effortlessly. Skeptics who expected Timberlake's second portion of *The 20/20 Experience* to be underwhelming or too overreaching will be pleasantly surprised by the album, and will have plenty of great tracks to listen to if the singer decides to take another long break from the music industry.

—Katie Alteri
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COURTESY OF RCA

Federal protection considered for red knot bird, may affect horseshoe crab population

BY CADY ZUVICH
Managing News Editor

Every May, as thousands of horseshoe crabs emerge onto the beach from the Delaware Bay waters for spawning, red knots—medium-sized migratory birds—make a pit stop at the bay during their arduous 9,300 mile journey from the Tierra del Fuego at the tip of South America to the Canadian Arctic. Although their meeting along the bay may seem coincidental, the lives and fates of these two animals are intricately intertwined as the red knot relies on horseshoe crabs for survival.

In what may be the most unlikely pairing in the animal kingdom, the red knot feeds on horseshoe crab eggs, causing the bird's weight to double. Facing the brunt of the overharvest of horseshoe crabs for conch and eel bait in the '90s, the red knots population has suffered, thus giving way to a campaign over the past 17 years to get the birds added as an endangered species.

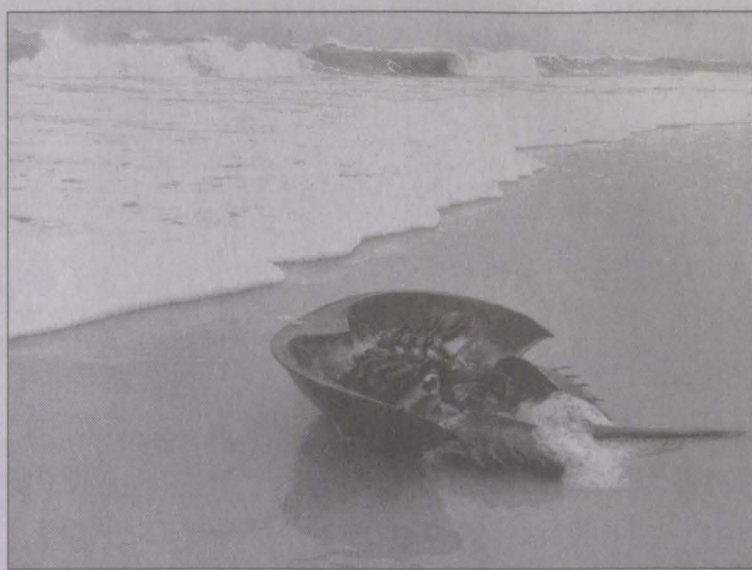
Now, after falling populations of both species, the wish of those lobbying for the preservation of the species is being fulfilled.

The U.S. Fish and Wildlife Services announced Sept. 27 the red knot is being considered for the federal endangered species list under the Endangered Species Act, which could result in increased protections of the species. The proposal is still pending for the routine 60-day open comment period.

Wildlife biologist Larry Niles, who has poured years into researching rufa red knots, says the wildlife service should be commended for its decision—a move he called "courageous."

"It's good for the knots because it will give us more tools to bring the animal back," Niles says. "I think it'll help all shorebird species. We could ignore the red knot, but right behind the red knots are species that are having similar drops in decline."

Kevin Kalasz, program manager for biodiversity at the state's Department of Natural Resources and Environmental Control, noted the critical role the Delaware Bay plays in the migration of the species and underscored the importance of conservation. When thousands of birds arrive at the beaches in May, they are between 90 and 100



THE REVIEW/AMELIA WANG

A horseshoe crab lies dead on the Ocean City, NJ beach. Red knots feed on horseshoe crabs and rely on them for survival.

grams. After feasting on eggs for a week to 10 days, they double their weight, reaching up to 180 grams before flying off to the Arctic.

"They come here because they know there is a super-abundant food resource," Kalasz says.

From the mid-1980s to 2003, the species' population dropped 50 percent, according to the National Audubon Society. Since then, states adjacent to the Delaware Bay have adopted regulations of horseshoe crabs in order to mitigate the steep population declines.

Kalasz says populations are stabilizing, if not improving. Since 2004, Kalasz and DNREC conservationists have been measuring red knot population estimates through a "robust, well-founded data analysis" that flags individual red knots along the Delaware Bay.

"The number of birds coming through Delaware Bay in 2011 and 2012 was 45,000 birds," Kalasz says. "In 2013, there was an estimate of 50,000 birds."

Addition to list could lead to research funding, beach restoration

Niles spent his summer with a team of researchers in the Canadian Arctic in what he calls was a "true Arctic expedition." He previously made the trip every summer from 1998-2007, but was unable to receive substantial funding again until this year

when Canadian wildlife groups supported his trip, he says.

Because of the elusiveness of the red knot, Niles and his team had to voyage through Southampton Island for five days until they came across a bird. The project, he says, was twofold—the team attached geolocators to birds to track their paths while also continuing the development of a habitat map in the Arctic, according to Niles.

However, funding is difficult, Niles says, because trips to the Arctic are so expensive. With federal environmental protection potentially bringing funding, research efforts and other conservation methods will be readily available.

"[The addition to the list] is a wonderful thing," Niles says. "It's good for the knots because it will give us more tools to bring the animals back."

Last spring, Hurricane Sandy ripped through the Mid-Atlantic, wreaking havoc on the migratory bird's main refueling stop. A major consequence was beach deprivation and habitat loss, Niles says.

During Sandy, Niles says 70 percent of horseshoe crabs were lost as a shoreline unprepared for the hurricane faced unprecedented damage.

"There is a need to start looking for resilience in our shore and take greater value in our beaches, marshes and communities," Niles says.

The species' addition to the list could serve to benefit residents, Niles says, as it could give conservationists greater authority to restore beaches.

Back in Delaware, Kalasz coordinates the Delaware Shorebird Project, which is open to volunteers looking to help gather research on the bird. It's a worldwide effort, Kalasz says, as nine countries represented the volunteer team last year.

Ten to 20 volunteers spend the month of May putting red flags on birds, gathering data and conducting surveys in order to estimate population sizes. These efforts in turn help DNREC decide which conservation measures to enact, Kalasz says.

"It's a hugely successful project that is critical to our understanding of red knots," Kalasz says. "It makes inferences of the population beyond our borders."

Current horseshoe crab management is 'effective'

Key to this preservation has been the Atlantic States Marine Fisheries Commission, which was formed by the Atlantic coastal states in the 1940s. The commission is responsible for coordinating preservation efforts along the coast, according to its website. In regards to horseshoe crabs, the commission coordinates the Adaptive Resource Management, which determines harvest quotas based on factors such as red knot population levels, red knot body weights and horseshoe crab populations in the Delaware Bay.

Because red knot's survival is dependent on horseshoe crab populations, the ARM is fundamental to both species' conservation.

Glenn Gauvry, founder of the Ecological Research and Development Group—the only horseshoe crab conservation group in the world—works with various groups to protect populations of the four horseshoe crab species worldwide. The ARM, he says, is a sound and astute management system.

"[The ERDG] tries to strike a balance between the various interest groups," Gauvry says. "I don't see any faults in the direction we're going."

See RICHARDSON pg. 13

SARAH'S SPOTLIGHT

UNIVERSITY OF DELAWARE MARCHING BAND,
EYES WITH PRIDE

SARAH BRAVERMAN

"Eyes with pride." These words are credited to the late marching band director of the University of Massachusetts Amherst, George N. Parks. I didn't know that when I first learned them seven years ago during my first day of band camp in high school. I was taught Parks' call and response

body positioning self-check which includes commands such as, "How are your feet? Together! Chin? Up! Eyes? With pride!" I associated this positive chant only with my high school and assumed that it was something a band teacher made up long before my time. I was totally blindsided when my first University of Delaware Marching Band rehearsal came to a close in the same manner, but I also immediately felt at home.

I later learned that drum majors from my high school attend Parks' Drum Major Academy annually, and that this was the source of the prideful chant. After a few weeks in the university's band, I also learned that Parks was a very close friend of the UDMB's director, Heidi Sarver. Having this commonality between where I

came from and this new chapter of my life was comforting, and I really took it to heart.

It amazes me that something so simple — yelling a few words — can be so powerful and unite so many people. While I was in the university's band during my freshman and sophomore years, the ensemble consisted of roughly 300 members. Our voices were a force to be reckoned with, and the band's strength and pride is still apparent today.

At its base level, the chant reminds members to stand up straight and tall while assuming the "attention" position, but I believe there's a lot more to it. To me, it represents what marching band is all about. UDMB brings a diverse group of people together to achieve the common goals to perform with strong technique, to

entertain the audience and to have as much fun as humanly possible while doing it.

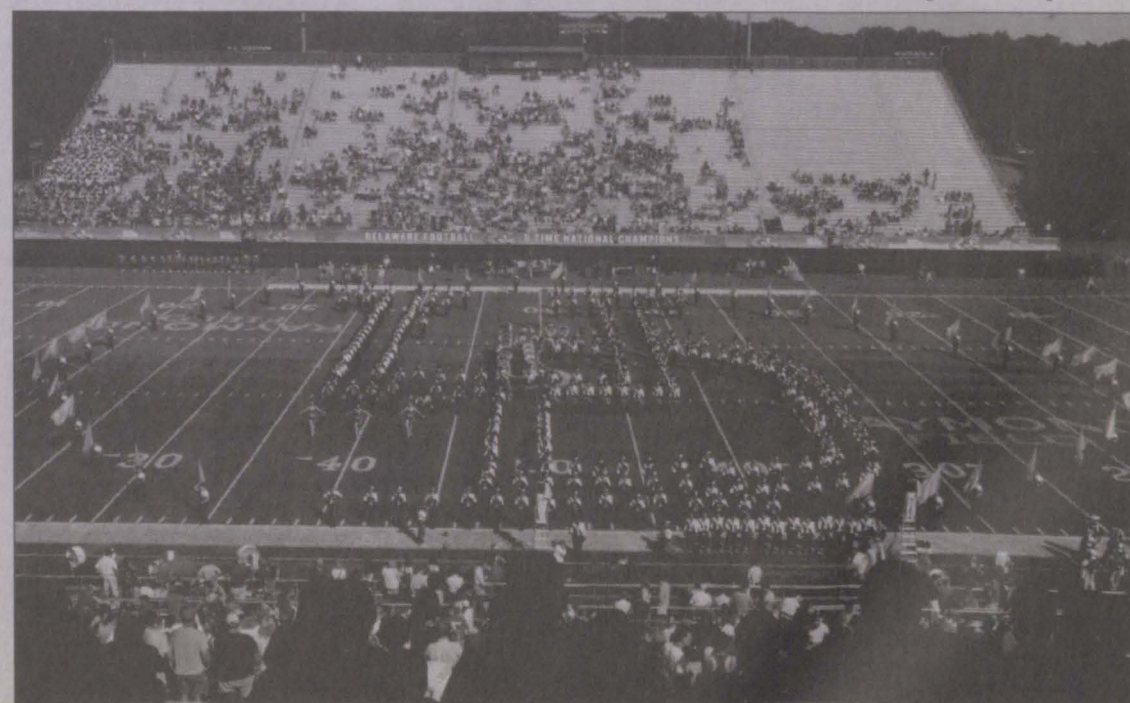
Obviously, UDMB encompasses more than this chanting exercise, but this is what I loved most about my time in the band. It's rare that people of different ages, different expertise (instruments) and different skill levels can find common ground. Everyone's voices blend together during the responses. You might guess that this strips members of their identities by blending voices together into one sound. I think it does the opposite. Each member contributes to the chorus; you can clearly hear the distinct voices of the members standing near you, but you can also hear the overarching sound of the unified band. It's a little difficult to explain, but if you stick around Delaware Stadium for UDMB's post-game performance after football is over, you'll have the opportunity to hear what I'm talking about.

It's really weird watching and listening to the band go through this chant as a spectator. I've caught myself joining in during the responses, standing a little taller and looking out at the world with a more determined gaze as a result. My eyes shine with pride every time I watch UDMB perform, and even though I no longer march, the band will always have a place in my heart.

The next football game UDMB is playing at is against Albany this Saturday at 12:00 p.m. at Delaware Stadium.

As always, please contact me at braves@udel.edu if you'd like your arts organization featured in the Spotlight!

—Sarah Braverman
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COURTESY OF TRESHA EDMOND

The Marching Band performs during a football pre-game show at Delaware Stadium. The show concludes with the band creating "UD" on the field.



MADISON FERTELL

There are 15 minutes until I have to leave for class. I check the weather report—Newark is estimated to have a high of 84 degrees. Five minutes remaining, and I'm still standing in my pajamas. This past week's wacky weather has me standing in front of my closet, head a tilt and perplexed.

A part of me wants to embrace these gorgeous 80-degree days in tank tops and jean shorts, allowing me to relive those summer days that are quickly fading into last summer. The other part of me has mentally prepared for the fall weather. The proof is in my closet, which has transitioned to sweaters and boots.

So, how do I resolve this mental conflict?

Well, everybody loves hybrids. So do I, which is made possible by transitioning summer clothing into fall-appropriate

EVERYDAY RUNWAY

HOW TO WEAR SUMMER APPAREL IN THE FALL

outfits. This way you can still wear your summer favorites and only purchase a few fall essentials, thus allowing you to not break your bank account.

First rule of transitioning is to hibernate those white shorts and pants. I know there is a stigma about wearing white after Labor Day, and I believe that this rule should only be temporary. Bring the white pants back out around winter break for perfect white-hot winter outfits...more coming on this topic later this semester.

The one exception to the "white rule" after Labor Day is white dresses. As I was walking to my class this past week, I saw a girl who epitomized the perfect summer-to-fall outfit transition. This chic student paired her white summery dress with a dark sweater that was equal to the length of her dress with untied combat boots with tall socks peeking through. All I have to say is, kudos, to whoever you are, and had I been on my game, your picture would accompany this week's column.

The next rule you all need to know: a denim shirt can make any outfit instantly fall appropriate. A denim shirt can be easily found at any retailer. Retailers such as Forever 21 and Target are guaranteed to have the most cost-effective prices. If you want to step up your denim shirt game,

Urban Outfitters has shirts ranging from marble washed to studded. J.Crew is always my go-to place for a denim shirt; look for the Keeper chambray shirt at \$78. The trick is to catch J.Crew's denim shirts when they are on sale, or, fellow college students, use your 15-percent discount at the register. Aside from making any outfit more suitable for fall weather, this is a quick and easy way to upgrade a relaxed look of leggings and a T-shirt.

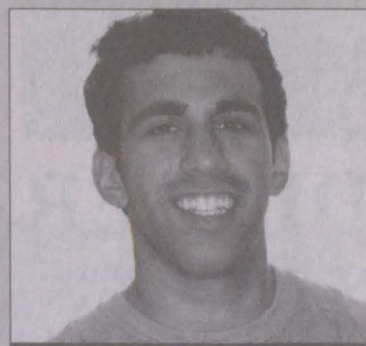
A tank top under a sweater is another simple way to transition summer clothing into your fall wardrobe. You can opt for a tank top under a classic tight-fitted cardigan like the ones found at Gap for \$39.95. Another option is to wear a tank top under an oversized sweater. A great oversized sweater option is the Quincy Back To You Cardigan in black from Free People for \$128.00.

Other summer staples that are difficult to say goodbye to are shorts and skirts. But, of course, I wouldn't be bringing this up if I didn't have a solution. Here is what you need to buy: sheer tights, high socks and boots—either booties or tall. With this combination, you'll be able to wear your shorts and skirts all winter long.

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THE ENVIRONMENTAL CONTRARIAN

IATROGENICS AND THE FOLLY OF FOSSIL FUEL DIVESTMENT (PART II)



YOSEF SHIRAZI

Last week, I showed how even a highly "successful" Fossil Fuel Divestment campaign will achieve nothing by its very design. This week, I will attempt to show that it is likely to result in negative and unintended (but not unforeseeable) consequences.

I know of no term in the world of policy that describes unintended negative consequences. One must turn to the world of medicine for the term "iatrogenic." Iatrogenic describes a phenomenon in which an illness results from intended cure or treatment. (For some additional humility, it is estimated that iatrogenic illnesses are the third leading cause of death in the United States.) Applied more broadly, iatrogenics can be understood as the pervasion of negative unintended consequences from well-intentioned policies and actions. Like medicine, policy is replete with cases of iatrogenics. In an effort to solve one problem, several more spring up from our collective naivete.

Environmental:

The venerable institution of democracy is alive and well at the corporate level, even within fossil fuel companies. Ownership of a company (through stocks) provides certain rights; after all, the company is owned by the shareholders. An annual vote held by the company determines who sits on the company board and influences the strategic direction and operations of the company. For example, shareholders of Continental Resources recently demanded more environmentally-friendly practices during drilling operations, and the company had no choice but to comply. When we sell our shares, we abdicate the ability to directly influence the company's operations.

Secondly, when we drive down the share price of a company, it becomes increasingly attractive as a takeover target. This can result in industry consolidation—concentrating power in fewer hands. In the stock market, this happens all the time. BlackBerry was acquired by a private company just last month after its share price sank to near multi-year lows. If the acquirer is a private company, public disclosure requirements are greatly reduced. It is these public disclosures that represent the best hope to force oil and gas companies to divulge the secret chemical cocktails used in modern fracking operations.

Financial:

Divestment is fraught with risk to university portfolios, and this risk is greatly underappreciated by FFD supporters. Many of the explanations are far too complex to address in this forum, but it is comforting to know that the vast majority of universities (many exceedingly liberal) have so far chosen against divestment. Despite the ability to win short-term populist appeal, university officials continue to strive for the well-being of their endowment, and the support for tuition and research it allows.

All novice investors go through a period in which they believe they can outperform the stock market by leveraging some "secret" only they know. FFD supporters on this campus are currently in the midst of such a delusion, as evidenced in their recent letter to President Harker. Besides paying reliable dividends and allowing universities to hedge energy costs, large oil and gas companies already reflect a discounted valuation relative to other companies (ie. lower Price-Earnings ratios). This discount reflects the anticipation that fossil fuel use will wane in the future. With this "secret"

already reflected in the market (as it has been for the majority of the last two decades), the investment rationale underlying the FFD theory of improved returns from divestment is laid bare. To think these students can provide investment advice that consistently outperforms seasoned professionals seems a bit naive.

Additionally, supporters point to one of a handful of studies that "prove" divestment is financially sound. However, these studies are all immeasurably flawed, foremost because the start and end times of analysis are always established after the fact, as are the stock picks. Given the freedom to hincast, anyone can "prove" the merit of essentially any investment no matter how poor the advice actually is.

One economics professor at the university described divestment as a giant experiment in wealth transfer. Especially since this wealth transfer is more likely than not to be away from universities, we should give serious pause to these populist claims.

Some supporters claim that the money taken from fossil fuel investments should be reinvested into companies with renewable technologies. However, increased demand for shares of companies producing green technologies is unlikely to have marginal positive impacts on the development of green technologies. Much of the green technology emanates from large conglomerates that provide products for hundreds of different end markets (ie. General Electric). Following the logic in last week's article, share price merely reflects a company's financial health and future prospects; changing the share price will only lead to market distortions that will be quickly arbitrated by savvy investors.

Societal:

So long as environmentally-minded folks stay sufficiently nimble in their ability to assign and reassign blame, they never have to acknowledge that they too are a large part of the problem. Remove the eco-friendly bumper stickers from their overpowered and oversized cars, look at the remaining contours of their energy consumption and you will realize there is hardly any difference in energy consumption between them and their peers. If you think you are an exception to this rule, you have either accomplished an amazing feat that deserves all my respect or you are delusional. I would bet on the latter.

I log far more miles on my bike than my car, have taken dozens of other substantial steps to reduce my impact, yet I still have fossil fuel consumption that I suspect puts me in the worst five percent globally. I have a long way to go on my personal journey of lower environmental impact. To think most other environmentalists are doing all they can is little more than fantasy.

The FFD campaign is just another attempt in a long line of narratives that blame other parties for the habitually maladaptive decisions we make. FFD wants to start a national dialogue about reducing fossil fuel consumption, and is willing to risk a lot to get it. As true environmentalists, we should proactively take the very actions we encourage other people to take. Otherwise, we cannot be taken seriously in the national discussions we desperately wish to have. Like our dysfunctional government, we kick the can down the road and place blame on any nearby party, achieving nothing and risking much in the interim.

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THE REVIEW/CHELSEA SIMENS

The Gardens for Growth program will begin this semester and will offer insight into food security.

New program looks to permeate permaculture at the university

BY CHELSEA SIMENS
Features Editor

Like many college students, senior Zach Elfers says he has been trying to figure out what makes him happiest. He found himself wondering, "What do I want out of life?"

After a series of serendipitous encounters, Elfers found his passion in organic farming. Elfers says what started him on his journey was looking at philosophy in respect to farming. "There is a whole aspect of knowledge that has been lost," Elfers says. "Farming brings back a sense of place into our lives. So much of what's going wrong in the world is stemming from disconnection."

Elfers hopes to regain some of this knowledge through Gardens for Growth, a new program starting this semester.

Although it is still in the early stages, Gardens for Growth addresses sustainable food and food security through three phases.

The first phase focuses on Garden Expansion and Curriculum Integration. The second phase focuses on student farming. The third phase is community engagement and research.

The gardens will provide educational demonstrations, grow food for consumption by the student body, focus on the improvement of soil quality and enable students and faculty to learn and experiment with different ideas and techniques which fall under the umbrella of organic agriculture, such as permaculture and biodynamics, according to their petition.

Initiated by Elfers along with alumni Jason Begany, Jonathan Richardson and Daniel Reyes, Gardens for Growth is a food initiative which aims to involve students in an educational, sustainable and student-operated garden program. "It's a really holistic

attempt to formally re-engage students with their environment through the medium of food and agriculture," Reyes says.

Part of the program will focus on permaculture. Permaculture, or permanent agriculture, is an ecological system designed for sustainability. However, permaculture has grown beyond its roots in strategic and sustainable farming into a worldwide movement that encompasses how we, as humans, can utilize and return Earth's finite resources.

Permaculture is delayed gratification, Richardson says. For example, if you plant a fruit tree, you have to wait for it to grow fruit. Permaculture understands we are not temporary and allows future generations to reap the benefits of our work, Richardson says.

Within the past year the movement for permaculture at the university has grown. Students at the university saw a need for permaculture and started a campaign to begin the program.

Begany says the university's geographic location was a hub for permaculture.

On the basis that the university was a food desert, an area where affordable and healthy food is difficult to obtain, Begany and his fellow founders reached out to faculty and organizations in order to start building collaborations.

"It's a program that originated on the principles of emigrating permaculture throughout the interior and greater community of UDel," Begany says. "Our fundamental principles are experiential learning with a focus on the ecosystem and biosphere."

In January, the group started a petition on change.org calling the university to endorse permaculture within the community, Elfers says. They surpassed their goal of 500 signatures within a month, Elfers says.

By spring break, President Patrick Harker approved the program, Elfers says.

Their success caught the attention of Mark Rieger, dean of the College of Agriculture and Natural Resources, who asked to become a part of Gardens for Growth. Rieger decided to expand the impact by suggesting a collaboration of all campus gardens, Begany said.

"The dean proposed, himself, a community garden program where he'll grow an organic garden next to an un-organic garden," Begany says. "It's totally badass."

The collaboration expands beyond the gardens.

Gardens for Growth hopes to achieve a minor, if not a major in permaculture within the upcoming years. Implementing a minor or major requires teaching at least five semesters in the field of study as well as student interest.

Currently, there are five faculty members involved in Gardens for Growth: McKay Jenkins, Susan Barton, Melissa Melby, Jules Bruck and Jeff Fuhrmann, Elfers says. Once Gardens for Growth is fully implemented, each professor will teach a course pertaining to permaculture thus providing the program with an interdisciplinary aspect. The courses will comprise a minor in conjunction with the RSO.

Barton and Melby will be teaching the first Gardens for Growth class in the spring. Bruck will help with the construction and design aspect of building a garden, Jenkins will bring an environmental-humanities view through journalism and Fuhrmann will focus on plant soil science and the relationship of soil management methods with the long term sustainability of civilization, Elfers says.

Despite the support of these faculty members, others remain skeptical that the student population is too apathetic and won't care enough to get involved, Reyes says.

See O'CONNELL pg. 13



RACHEL IBERS

DINNER TABLE SCIENCE

KNOWLEDGE
BITES

I've had a couple of little interesting things catch my fancy lately, but none of them seemed complicated enough to warrant an entire post. Therefore, I've decided to compile them into something called "knowledge bites" (in keeping with our dinner table theme) and just throw them all at you at once. Enjoy!

Mosquitoes and rainfall

I know that we always correlate high mosquito numbers with high rainfall because "mosquitoes like standing water." While this is true, in a way, the real correlation between climate and mosquito numbers just blew my mind the other day. During the summer, most mosquitoes lay their eggs near standing water, right at the surface of it or on moist soil. Mosquito larva need water to live in (they're like little swimming bugs before they turn into adult mosquitoes) so the next year, the eggs hatch when the water level rises and warms up and "activates" them. This means that during a year with a lot of rainfall, the water level gets higher than normal and all of the mosquito eggs (even ones laid years ago that haven't hatched because the water hasn't been that high in a while) hatch and we have a lot of mosquitoes. However, mosquitoes don't live very long, and soon enough they'll all die and their eggs, which were laid when the water was unusually high, won't hatch for a while, so we'll probably have some period of low mosquito populations.

Fingerprints for all

Our fingerprints are unique—no one person in the world has prints the same as yours. That's amazing, and it also really helps in fields like law enforcement and criminal justice. However, this idea of a unique physical marker is not restricted to just humans. For example, a dog's nose print is unique to each individual and can be used to identify them. The same goes for zebra stripe patterns and cheetah spot patterns; really any patterned animal is unique. Cows, like dogs, have unique nose prints as well. Some primates (like chimpanzees and gorillas) and even non-primates (like koala bears) have fingerprints just like humans do.

Familiar unknown

Even though science has made great strides, even in the last few years, we're far from understanding everything about the world around us. More surprisingly, we're pretty far from understanding our own bodies. Scientists still don't know why we yawn, or why we blush or why we dream. The best explanation out there for why we need to sleep is "we get sleepy." Scientists also don't have a good handle on why the placebo effect works. For a quick refresher, a placebo is a pill, usually used during statistical testing, that has no drugs and serves no purpose. However, if you tell someone that it cures something—like headaches for example—many times, they will report decreased headaches and claim the drug works. Doctors have even conducted fake surgeries on people and had them be equally as effective as the real thing! Certainly there are times when an ailment is all in our heads and a placebo would do the trick, but scientists suspect that the mind is capable of healing actual physical illnesses when put to the test, and that's what backs up the placebo effect; it's just that no one has proven this yet.

I hope you enjoyed my first edition of "Knowledge Bites." For more science that will blow your mind, visit www.dinnertablescience.com.

—Rachel Ibers
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American Library Association elects Morris librarians into new positions

BY TRAVIS WILLIAMS
Staff Reporter

Four of the university's own were recently elected to offices within the largest and longest established library association in the world, the American Library Association. Megan Gaffney, Shelly McCoy, Deborah Ryszka and John Stevenson now each hold positions in the ALA.

Founded in 1876, the ALA is comprised of more than 60,000 members and unites librarians from nations all over the globe. The organization aims to promote its five principles of diversity, equity of access, education and continuous learning, intellectual freedom and 21st century literacy.

Associate Librarian and Coordinator of Interlibrary Loan and Document Delivery Services at Morris Library Megan Gaffney was elected Member-At-Large of the Reference and User Services Association Sharing and Transforming Access to Resources Section over the summer, she says. Gaffney will serve a three-year term in the RUSA STARS section to which she was elected.

"It provides a lot of networking opportunities, especially when working in interlibrary loans" Gaffney says.

As Member-At-Large, she will help the RUSA STARS plan ALA events and conferences as well as create policies that govern interlibrary loans, she says. In the Morris Library's interlibrary loans office, Gaffney says she works to loan books to and from other libraries around the world. In the similar way that students and faculty may borrow books from the library, libraries borrow books from each other, she says.

Associate Librarian John Stevenson now serves as Government Documents and Maps Coordinator on



THE REVIEW/MICHELLE MORGENSTERN

From right to left: John Stevenson, Debbie Ryszka, Shelly McCoy and Megan Gaffney, university employees who were recently elected to the American Library Association.

the Government Documents Round Table, he says. Founded following the Watergate scandal, he says, GODORT is a section of the ALA that works with federal documents and other government publications.

Stevenson says he views the position and involvement in the ALA as a way to give back to the library community. At the university, he says, he works in the Student Multimedia Design Center helping students and staff with digital transfer services and instructing technology workshops.

He says the position will broaden his view of the field.

"Librarianship is a profession that has many specializations and the ALA and the Round Table

offer a view outside of the narrow idea of it," Stevenson says.

Librarian and Student Multimedia Design Center Head Shelly McCoy now sits as Secretary of the ALA's Video Round Table. This section of the association is devoted to video collections and services in the libraries of the world, according to the Round Table website.

During her tenure as Secretary, McCoy says she will help promote the rising field of video librarianship. The VRT and her position are both closely related to what McCoy does while working on the lower level of Morris Library in the university's Student Multimedia Design Center, she says.

Deborah Ryszka, an associate librarian working in the Metadata Services Department, was elected as Secretary of the Cataloging and Metadata Management Section of the Association for Library Collections and Technical Services.

"I'm still getting a feel for the position," Ryszka says.

A veteran in the field, Ryszka says, she's held elected offices before, bringing 30 years' worth of ALA experience to her new role. She says she hopes the positions will act as a learning experience in the advancing world of librarianship.

"Librarianship is a rewarding career with lots of opportunities," she says.

GAURVY: "YOU HAVE GOT TO TAKE A BIG-PICTURE VIEW OF CONSERVATION..."

Continued from page 10

In addition to being used for bait, horseshoe crabs also have immense value in the biomedical industry. According to the ERDG, the blood of horseshoe crabs is used in the industry to test if drugs, vaccines and medical devices are free of bacterial contamination. The blood, or Limulus ameocyte lysate, clots when exposed to bacteria, thus being integral to ensure the safety of pharmaceuticals.

ERDG's mission is to work with all agencies in a fair way, he says. One drawback of adding the bird to the endangered species list—which would result in increased horseshoe crab harvesting regulations—is that it could lead to fishermen traveling elsewhere for horseshoe crabs.

"You have got to take a big-picture view of conservation," Gaurvy says. "We are working on helping horseshoe crab populations everywhere—like in Southeast Asia."

Delaware made an unprecedented move earlier this month when it banned the importation of horseshoe crabs from Southeast Asia, making it

the first state ever to do so. Collin O'Mara, secretary of DNREC, signed the ban earlier this month, citing the potential health risk importing horseshoe crab species could bring.

Other states should follow Delaware's lead, Gaurvy says.

In terms of Delaware horseshoe crab management, Gaurvy says the state takes a balanced approach that is working, though he said the bird's addition to the list could potentially throw off this delicate balance.

Likewise, Niles says AMS is a good management system, and he does not foresee any changes being made to harvest regulation in the Delaware Bay.

That being said, Niles says there needs to be reforms made to harvesting occurring outside the ARM boundaries as harvesting elsewhere has the potential to reduce local populations in the Delaware Bay.

Jordan Zimmerman, program manager of biodiversity at DNREC, contended with Gaurvy's points and says the ARM has helped the horseshoe population, which will in turn improve the population of the red knot.

"The beauty of the

management system is that because we adopted ARM, we have somewhat of a flexible management plan," Zimmerman says. "If horseshoe crab and red knot numbers go through the roof, we can start a more liberal harvest or begin to harvest females again. If it goes the other way, we can restrict harvest."

Horseshoe crabs, red knots and climate change

Though the success of the ARM and other conservation efforts have been recognized by those leading the efforts, both species are now up against one of the wide-ranging environmental catastrophes of them all—climate change.

The geolocators attached to birds by Niles and his team during his research project in the Arctic has linked hurricanes to the population loss, as the birds path crosses through where storm systems are forming.

"If frequency of storms increases, that's another impact," Niles says.

Kalasz also highlighted the threat of climate change—citing sea level rise, changing water temperature and loss of habitat

as consequences of the altering global temperature.

One problem is the destruction of water patterns, which leads to the early or late spawning of horseshoe crabs, Kalasz says. This mismatching the usual meeting time of both species in late May, therefore leaving the migratory bird hungry as it continues its voyage north.

There is also a significant data gap, Kalasz says, as researchers are unable to gather substantial data on juvenile red knots. He says rising temperatures in the Arctic will affect nesting success and as the bird does not make its first migration trip until its second year, there is not much data on the younger population of red knots.

The effects of climate change are not limited to the red knots. Likewise, rising sea levels and saltwater intrusion has led to the loss of habitat, Zimmerman says. Because horseshoe crab eggs need sandy habitats to survive, the success of eggs is in jeopardy, he says.

"Beach replenishment project have a positive influence on that as long as we keep sand on the beach," Zimmerman says. "We no longer have the shoreline we once had."

WHAT WE'RE HOOKED ON

HOMECOMING EVENTS: We can't wait to participate in the various homecoming events being held this week. Check out our calendar featured on the front page.

JUSTIN TIMBERLAKE: His new album came out this past week along with "Runner Runner," a film that he starred in.

THE DAILY SHOW: Comedian Jon Stewart's take on the government shutdown has been both witty and thought provoking.

Hens clawed by Black Bears, drop from polls

BY PAUL TIERNEY
Managing Sports Editor

Newark—The Delaware football team entered Saturday's matchup at No. 23 Maine with an opportunity to break further into the Football Championship Series coaches' poll and establish itself as one of the CAA's premier squads. But after giving up 27 first-quarter points, the Black Bears embarrassed Delaware and sent the Hens home with a crushing 62-28 defeat.

Delaware is now 4-2 on the season and has dropped out of the Top-25 rankings. On a conference call yesterday, head coach Dave Brock said the Hens need to minimize the mistakes on both sides of the football.

"Right now, I would say we're consistently inconsistent, which is not how you want to be defined as a football team," Brock said. "We just have to keep practicing and keep making sure people get better, make sure we're coaching it better."

The game started in an ugly fashion for Delaware's junior quarterback Trent Hurley. On the team's first drive, Hurley had two incomplete passes to junior wide receiver Michael Johnson and sophomore wide receiver Jerel Harrison, then was sacked by Maine defensive lineman Trevor Bates for a loss of 15 yards. The Hens punted on the next play, and then gave up a six-play, 66-yard touchdown drive that took the Black Bears just over two minutes.

The Hens went three-and-out on their next drive. Delaware's defense allowed Maine to march 55-yards down the field in five plays for another touchdown, pushing the Black Bears' lead to 14-0.

Just when things did not look like they could get any worse, Hurley threw his sixth interception of the season, with Maine defender Mike Mangiarelli intercepting the pass and returning it 43-yards for the Black Bears' third touchdown in just over 10 minutes of play.

"We had a great start to the game against Delaware," said Maine head coach Jack Cosgrove during a conference call yesterday. "I've never been a part of a start like that."

The Hens finally showed signs of life late during the first quarter, when Hurley hit Johnson for a 22-yard touchdown pass. But that was as close as the Hens got to Maine for the remainder of the game.

With four minutes and 53 seconds remaining in the first-half, Maine running back Nigel Jones scored on a 33-yard reception. The Black Bears brought a 34-15 lead into the half, and then scored the first 28 points of the second half to put the game out of reach for Delaware.

"We missed a couple throws, dropped a couple balls and certainly it adds up to not playing near well enough to be competitive," Brock said. "It's disappointing. It's disappointing for our fans and certainly

disappointing for the people in the program."

Perhaps the lone bright spot on the day for Delaware was the 137-yard rushing performance by redshirt freshman running back Jalen Randolph. Randolph averaged 9.1 yards per carry, while also punching in the Hens' first touchdown of the second half.

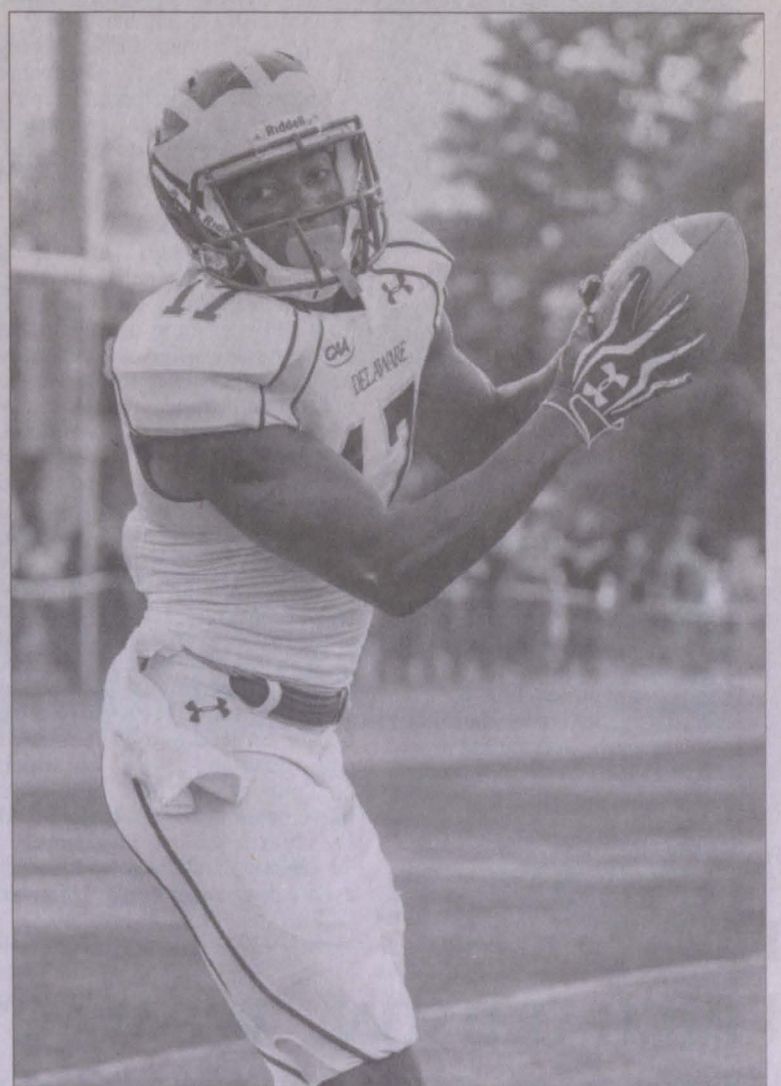
Despite the loss, Brock said the team will not prepare differently for this weekend's homecoming matchup against Albany.

"We're going to be doing exactly the same things we've been doing," Brock said. "Our week of preparation leading into James Madison was no different than Maine. Our preparation leading into Albany won't be any different."

The Great Danes fell on the road to JMU, 40-13, Saturday. Two weeks ago, Delaware came from behind to beat the Dukes, 28-21.

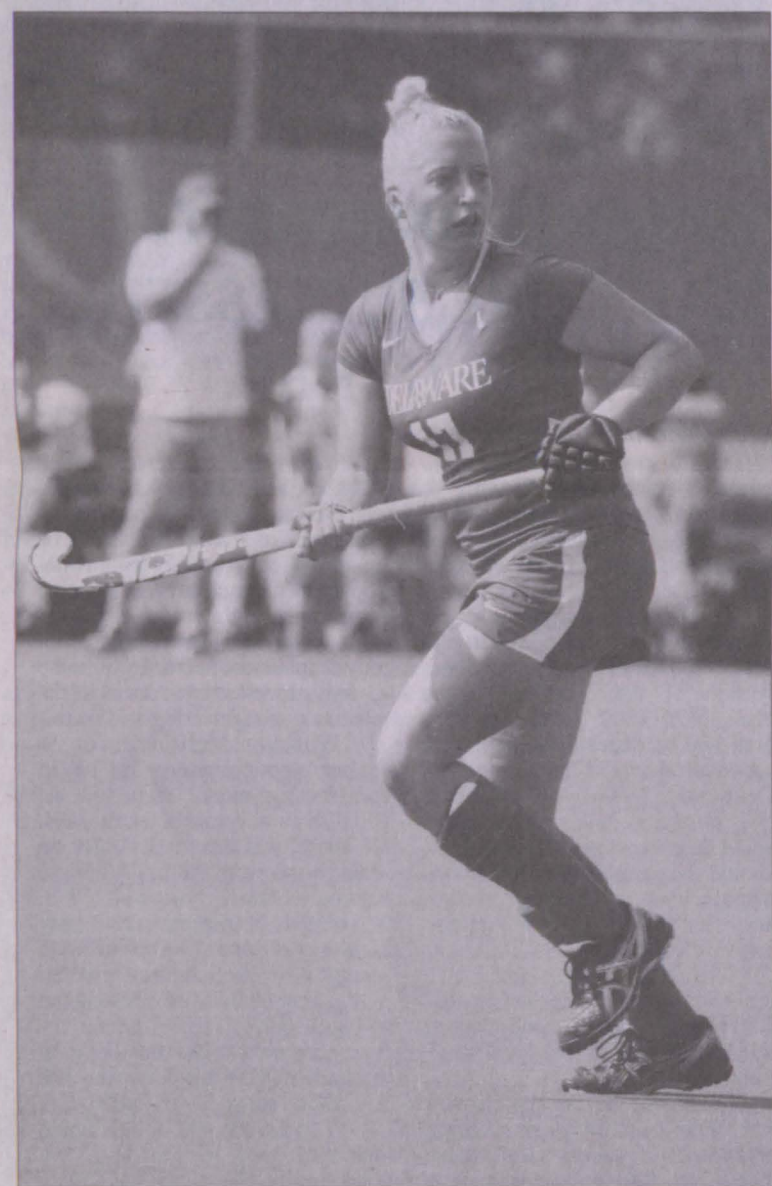
Despite Albany's 1-5 record, Brock said the Great Danes will not be taken lightly.

"I know they've won here in the past, which again is something you have to look at," Brock said. "They're diverse offensively, and they control the passing game and have a very good running back... Their troubles, for whatever reason, have come in the redzone. They haven't cashed in a whole bunch of times, but they've been able to move the ball really against anybody they've played."



COURTESY OF MARK CAMPBELL

Junior wide receiver Michael Johnson had three receptions for 48 yards during the football team's road loss to Maine.



THE REVIEW/MICHELLE MORGENSTERN

Sophomore midfielder Michaela Patzner looks downfield during Sunday's game. Her goal with 1:31 remaining in the game sealed the 3-2 victory for the Hens over JMU.

Patzner leads Hens to come-from-behind win over JMU

BY JACK COBOURN
Sports Editor

It was a close game, but the Delaware field hockey team earned a 3-2 victory over James Madison before a capacity crowd at Rullo Stadium Sunday afternoon.

Sophomore midfielder Michaela Patzner scored the winning goal from 3 yards out with 1:36 remaining in the game to claim the victory for the Hens. Patzner said the team prepared for such a goal, and she could sense the final outcome.

"It was a situation we've had a thousand times in practice, and we've done it so many times wrong before," Patzner said. "I, at that point, knew exactly what I had to do. I came up all the way to the end line and then popped up again, and I just knew Meghan [Winesett] was going to pass me the ball, and I knew it was going to go in."

Head coach Rolf van de Kerkhof said the come-from-behind victory was a big win.

"This is a great win for our program," van de Kerkhof said. "It's another reminder that you fight 12 rounds, and we did that today and we found a knockout in the last round with no time left."

The Hens opened up their CAA season with a 4-0 win against William & Mary Friday night at Rullo Stadium. Sophomore midfielder Michaela

Patzner scored two goals, and sophomore midfielder Allie Mikelson and freshman forward Meghan Winesett recorded one goal and one assist each.

Sunday's first half started off strong for the Hens, as they gained an early offensive advantage. The Dukes took an

"This is a great win for our program. It's another reminder that you have to fight 12 rounds."

-ROLF VAN DE KERKHOFF
HEAD COACH

early 1-0 lead when midfielder Saskia Chelmowski scored off of forward Taylor Bailey's assist four minutes and 39 seconds into the game. Shortly after, senior forward Kasey Prettyman shot on goal for the Hens, but the ball bounced off of James Madison's goalkeeper Stephanie Tarafas.

The tide began to turn for

Delaware, as senior goalie Sarah Scher saved a Dukes corner. The Hens got a corner themselves, which was saved by Tarafas off of freshman midfielder Esmée Peet's shot. Patzner had another scoring opportunity at 24:30, but was once again stuffed by Tarafas.

James Madison midfielder Loes Stijnjntjes received a green card for a vicious hit, but Tarafas stopped the resulting corner. Though Delaware had nine first-half shots to the Dukes' two, the half ended in the opponents' favor.

Patzner said the team's effort in the first half was good.

"We just kept knocking on that door, and we had so many shots on goal," she said. "I think I just knew, 'We gotta score.' As soon as we scored the first goal, we kind of broke a wall."

It wasn't long into the second half before James Madison opened up a 2-0 margin, thanks to midfielder Taylor West. The Dukes dominated possession throughout the first eight minutes of the second half, moving the ball around the Hens effortlessly. Delaware got a corner at 8:58, and Patzner's shot was stopped. Patzner had another chance right after, but Tarafas stopped it once again.

Patzner said Tarafas was a fine goalie, but the team knew how to finally beat her.

See LADY HENS page 15

Volleyball drops two straight matches, face Tribe on Friday

BY HARRISON CORBETT
Senior Sports Reporter

After losing 3-1 Friday to Northeastern, the Delaware women's volleyball team was shut out by Hofstra Saturday night at the Bob Carpenter Sports Center.

Head coach Bonnie Kenny said even though the team lost, Saturday's match was a decent performance.

"I thought we were a better team tonight than we were last night," Kenny said. "We just had no answer in our outside hitting, and our hitters took the weekend off."

Coming off a 3-0 victory at Towson on Sept. 27, the Lady Hens were trying to preserve their undefeated conference record.

Saturday's first set was close, with Delaware tying the set ten different times. However, the Pride ultimately claimed the set, 25-23. The Lady Hens recorded fourteen kills during the set and led by many as four points.

The second set was back-and-forth between Delaware and Hofstra until the two teams tied at 17-17. At that point the Pride began to pull away, eventually

winning the set 25-19.

Kenny said the team had to work together better.

"We have to be an all-around better team," Kenny said. "We need to stop worrying about the individual effort and incorporate more energy into playing more as a team instead of just a specific role."

The Lady Hens went to the locker room knowing they had to win the next set in order to stay alive.

Sophomore defensive specialist/libero Ariel Shonk said the team knew it had to push harder if it had any chance of winning.

"The passing was going well," Shonk said. "We just needed to get our outside hitters more involved. We needed a sense of urgency. We needed to fight."

The last set was a battle, with the score being tied at eight separate points. However, Hofstra looked as though it had the game won with a score of 19-17 and all the momentum in its favor.

Slowly, however, Delaware mounted a comeback, for with the score at 24-17, the Lady Hens scored four more points to get to 24-21 as the Pride's defense broke down.

Hofstra then called a timeout

in order to slow Delaware's momentum. As the game resumed, the crowd of 504 was on its feet.

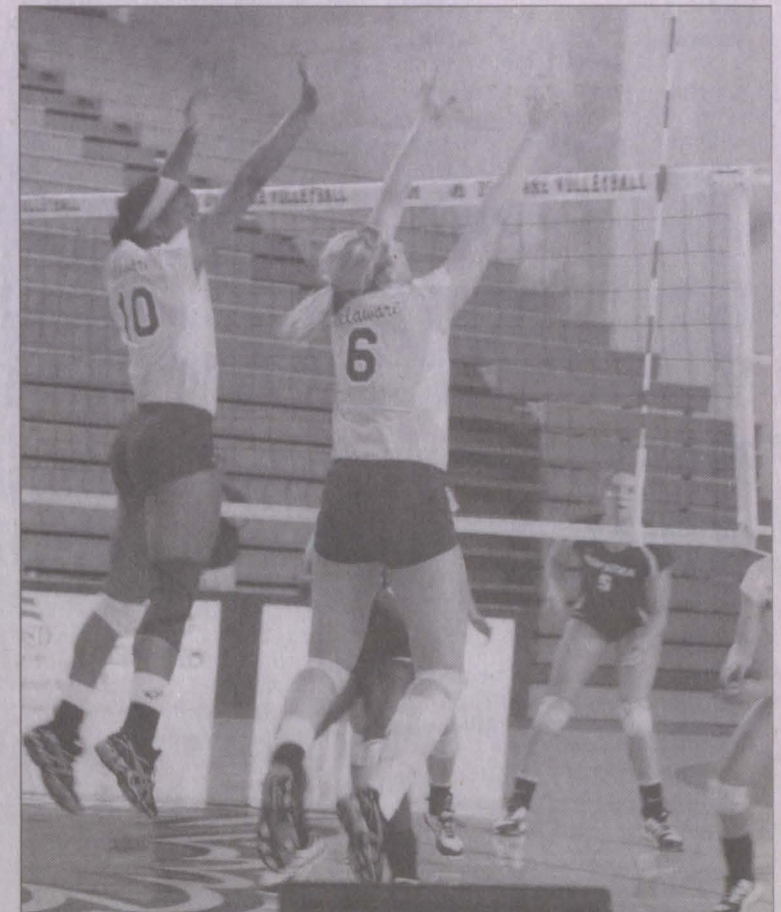
Almost immediately, Delaware freshman setter Kali Funk sent the ball over the net to Hofstra's outside hitter Emily Burke. Burke went up for the kill, but was met by sophomore outside hitter Katie Hillman and sophomore middle hitter Jill Meyers, who blocked the shot, propelling the Lady Hens to a score of 24-22, closing the deficit.

However, the ball seemed to go right to the Pride's outside hitter Kelsie Wills, who tallied fourteen kills on the night. Wills sent the ball right back over the net, resulting in a kill and the match victory for Hofstra.

The Lady Hens play at William & Mary Friday night at 7.

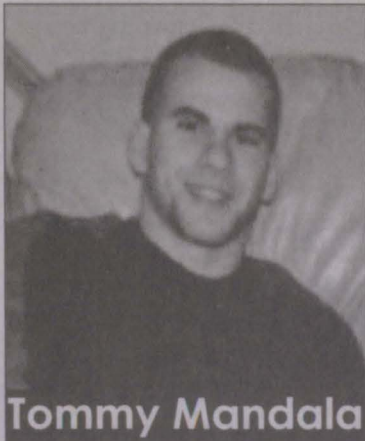
Sophomore middle hitter Chandler Bryant said the team will train for the upcoming match after a short break.

"We're going to rest up, go hard in practice and hit our weaknesses," Bryant said. "We'll work hard all week and hopefully get a few wins to shake this loss off."



THE REVIEW/SARA PFEER

Sophomores Mackenzie Olsen and Chandler Bryant leap to make a block during the Delaware Volleyball team's loss.

COMMENTARY
'ROIDS IN REARVIEW

Tommy Mandala

Major League Baseball's regular season ended on Sept. 30 with the Tampa Bay Rays playing the Texas Rangers in a single-elimination game to determine the winner of the second wild card spot.

After beating the Rangers, 5-2, the Rays played a single-elimination wild card matchup against the Cleveland Indians.

The drama in the National League was equally significant, as the Pittsburgh Pirates beat the Cincinnati Reds in the wild-card game, giving them a playoff win for the first time in 21 years.

These games, as most of the MLB season did, featured many young, unblemished stars, such as Andrew McCutchen for the Pirates and Joey Votto for the Reds.

Yet these great baseball stories were overshadowed by the legal dealings of two former stars as the announcements of Alex Rodriguez's lawsuit against MLB and Albert Pujols' suit against radio host Jack Clark for defamation of character both came down on Thursday.

Neither A-Rod nor Pujols made an All-Star team or even played a full season this year. They have no business overshadowing two NL MVP candidates competing in a one-game playoff.

Baseball's media clash between its pockmarked past and bright future belies a problem that could come to define the regime of Commissioner Bud Selig's yet-to-be named successor.

On one hand, as someone who grew up worshipping Rodriguez for his gaudy numbers and has since come to resent him like an unfaithful ex-girlfriend, I want nothing more than for A-Rod to be brought to justice. Similarly, having spent my teenage years hoping that Pujols was clean, I would love to see his innocence proven once and for all.

Yet, will either one of those

things ever really happen?

Well, by all accounts, A-Rod has already been deemed guilty, and it seems to me that most people have already stopped caring about Albert Pujols. Couldn't we skip the years of uncertainty and just move on now?

As a generation of baseball fans, it would be selfish to let the legal troubles of our fallen heroes continue to dominate the sports landscape as the next generation, whose heroes are so far free of the steroid cloud, grows up. Let them enjoy Mike Trout, the 22-year-old who has put up unprecedented numbers the last two seasons. Let them stare in wonder at a home run off the bat of Trout's NL counterpart, 20-year-old Bryce Harper.

Allow yourself to enjoy these playoffs, without the cloud of legal trials and hypodermic needles.

Look for the storylines that make baseball great, both on the field and off. Watch brash young Yasiel Puig lead the resurgent Los Angeles Dodgers.

Appreciate Los Angeles' Clayton Kershaw for throwing possibly the best curveball seen since Sandy Koufax and McCutchen for being everything to Pirates fans that Barry Bonds never could be.

I know this year, I will watch these playoffs with a clear mind for the first time in a while.

Being from New York, I'll hate the Red Sox, rooting against them as I always have. Yet, I'll still watch in envy as Dustin Pedroia plays with an indescribably graceful grit.

I'll watch the Athletics' band of no-names take on the Detroit Tigers and their modern day "Murderers' Row." I will pay specific attention to Miguel Cabrera, the greatest hitter alive today, because he is the first player in my lifetime to hold that unofficial title while being totally free from suspicion and accusations.

If the on-the-field heroics simply aren't enough, then enjoy the stories behind these great players. Such as the fact that McCutchen grew up in a trailer worth the same amount of money as his bi-monthly paycheck or that Justin Verlander drives cars as fast as he throws baseballs.

For one month, forget about the past and fall back in love with baseball. Enjoy the sights and sounds of October baseball and the ambiance of eight great young teams competing for the one spot at the top of it all.

Tommy Mandala is a senior sports reporter at The Review. Please send any questions, comments or concerns to tmandala@udel.edu.

HEN
PECKINGS

Women's Cross Country:

The Delaware cross country team placed 25th in the Paul Short Invitational at Lehigh University's Goodman Course in Bethlehem, Pa. on Saturday. Senior Lindsay Prettyman finished the course in 21:38, which placed her 77th overall. Senior Emily Gispert finished 161st overall with a time of 22:16. The Hens' record is now 1-0 overall.

Men's Tennis:

The Delaware men's tennis team played at the Lehigh Invitational over the weekend. The Hens took three doubles victories over Loyola University, with seniors Adam Lawton and Troy Beneck claiming an 8-5 win over the Greyhounds' Connor Lisco and Harrison Kunkel, while sophomores Alex Sweet and Tyler Flematti beat Max Shanbrom and Matt Bejian, 8-1. In Flight Two singles, Beneck beat Temple University's Santiago Canete over two sets to claim his third-straight victory, while Lawton won his second-straight Flight One singles victory by beating Temple's Nicolas Paulus.

Men's Club Ice Hockey:

The Delaware men's Div. I club ice hockey team won at Stony Brook, 4-3, on Sunday. While Stony Brook claimed an early 3-0 lead in the first period, the Hens answered back in the second, with freshman forward John Redgate scoring his third goal of the season with 10:36 remaining. Senior forward Christopher Volonnino scored with 7:36 remaining to cut Stony Brook's lead by one. Delaware's scoring run did not stop in the third, as junior defenseman Nicholas Ustaski scored his first goal of the season to tie the game at 3-3. With 6:50 remaining in the game, senior defender Kevin Redmond scored the deciding goal. The Hens' record is now 6-0.



THE REVIEW/MICHELLE MORGENSTERN
Freshman midfielder/defense Esmée Peet runs after the ball during Sunday's game. Peet scored the tying goal.

LADY HENS SCORE TWO
LATE GOALS TO STEAL WIN

Continued from page 14

"She was good, without any doubt, but I just think that the goals we scored were just placed smart around the goalie," she said. "Yeah, I guess we were just smarter in front of the goal cage than JMU was. We outworked them today."

Sophomore forward Jacki Covaleski took a shot on a wide-open net, but Tarafas was quick enough to get back and stop the shot. Delaware had a few more chances to score, but could not capitalize until senior forward Kasey Prettyman scored at 58:29 to bring the deficit down.

Prettyman said how she set up for the goal with help from Peet.

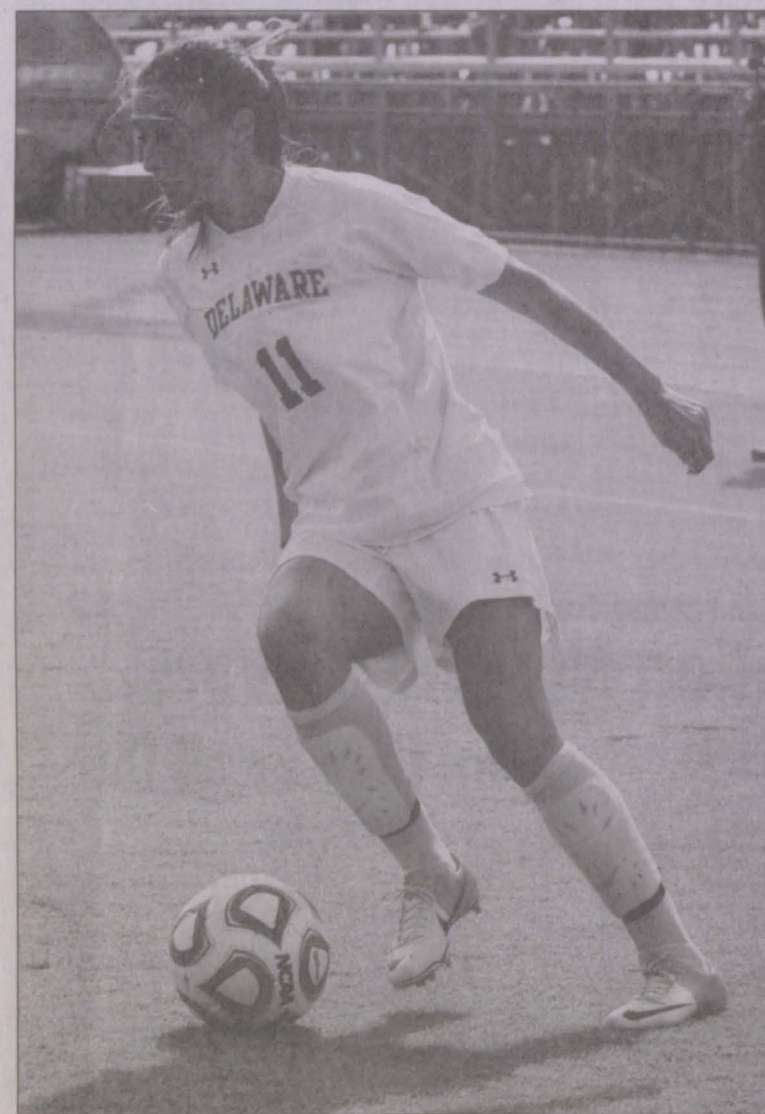
"Well, I saw Esmée attacking the baseline, so I saw the defender go with her, so I popped outside for her for a 90-degree pass back, and I just got the ball and sent it to the far post, and then it hit off someone on the other team's stick and went in," Prettyman said. "It would have gone in without the other girl's stick though too, she didn't do all the work."

The Hens' offense picked up and started to move the ball, which led to Peet scoring with 62:17 remaining to tie the game at 2-2. Patzner then scored her goal off an assist by Winesett to grab the lead for Delaware to close out the game.

The Hens face Towson in Rullo Stadium Friday at 7 p.m. and then play Princeton University at home Sunday at 1 p.m. Princeton, which claimed the 2012 NCAA national championship, beat the Hens 10-2 last season.

Though the Tigers are the reigning title-holders, Delaware is not concerned about such a fact. Van de Kerkhof said the team will face Princeton as one more opponent.

"They were national champions last year, so they're not the national champions this year," he said. "They are a great team, great tradition, a lot of pride—lot of players come from high-caliber programs so they're going to make us better, but it's another game on our schedule. We've got some tape of them, we'll be studying them, play a good game and see what happens."

LADY HENS SQUANDER BEST START
SINCE '94, DROP TWO STRAIGHT
AND FALL TO 1-2 IN CAA ACTION

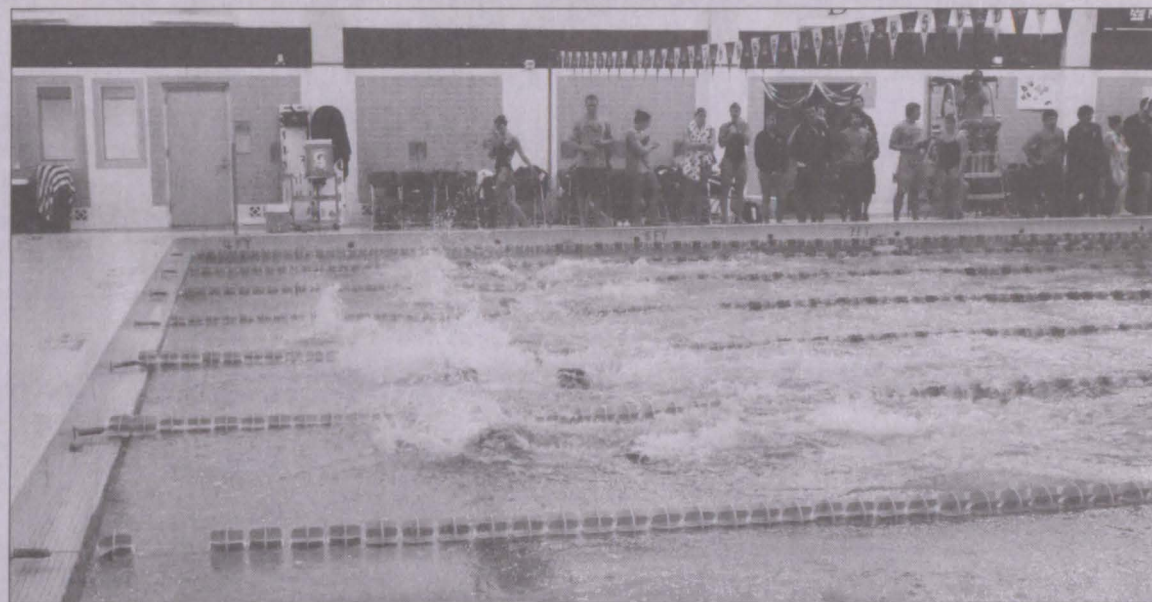
FILE PHOTO

The Delaware women's soccer team lost two games last week. On Thursday, the Lady Hens fell 2-1 against James Madison at Delaware Mini-Stadium. Sophomore defender Maddy Parker scored Delaware's lone tally of the game at 29:37. JMU responded with two second half goals, the latter of which came with less than a minute to play.

The Lady Hens then lost at William & Mary 2-1 Sunday. William & Mary scored the first goal of the game, and added one in the 52nd minute to take the lead for good.

Delaware will face off next against Hofstra on Friday at 7 p.m.

"Hofstra's a very good offensive team," Grzenda said. "They have two or three forwards up top that are very strong, we've heard their defense is playing very well. It's going to be very similar to what we had last weekend. It's going to come down to whomever puts it in the next the very last couple minutes, and hopefully, we'll come out on top."



THE REVIEW/ALEXIS MILLER

Members of the Delaware swimming and diving team race toward the finish line during Saturday's victory over Georgetown. The team will take on George Mason on Oct. 19.

Swimming and diving speeds
past Hoyas in season opener

BY MEGHAN O'DONNELL
Staff Writer

The Delaware men's and women's swimming and diving teams started off their 2013-14 season on a positive note as both squads defeated Georgetown University Saturday.

Sophomores Alyssa Sanders, Morgan Whyte and Kristina Congdon each took first in their respective events as they helped the Lady Hens to a 160-70 victory. Sanders' time of 58.99 in the 100 backstroke earned her the top spot, while Whyte took the 50-meter freestyle with a time of 24.00 seconds. Meanwhile, Congdon qualified for the NCAA Zones Diving Championships after winning both the 1-Meter and 3-Meter dive events.

Congdon said she was thrilled about qualifying, seeing it as a chance to grow as an athlete.

"Well, the Zone Diving Championship is kind of like the meet before the whole big NCAA meet and you have to qualify for it, so I'm very excited," Congdon said. "It's an honor just being able to qualify for the meet, and I probably won't qualify for the big NCAA meet, but it's just a really good learning experience for me and I'm really honored."

Delaware sophomore

Dominique Montoya claimed the 200 freestyle while juniors Brittany Lazear and Laura Askin finished second and third to sweep the event. Lazear also took the top spot in the 500 free.

Junior Hailey Farrell and junior Maggie Tracey both turned in outstanding first place performances in the 1000 freestyle and the 100 freestyle, respectively, while senior Shea Solt won the 400 Individual Medley.

In addition to the strong individual performances, the women's 200 medley relay team, consisting of Sanders, Whyte, freshman Annie Nunes and senior Tori Gillespie, held off a strong Georgetown team to earn first in the event.

On the men's side, several standout performances led Delaware to a 146-93 victory over the Hoyas. Freshman Cory Camp placed first in both the 1000 freestyle and the 500 freestyle. Freshman Everett Albert added two individual victories of his own in the 200 free and the 100 free while taking first as part of the 400 freestyle relay alongside sophomore Sihon Liu, freshman Tomás Elder and senior captain Matthew Marquez.

Senior captain Cole Clark said he was proud of the team's effort.

"I thought we had a really

good performance for our first meet of the season," Clark said. "There's room for improvement, but I think our freshmen class really stepped up and our upperclassmen did a really good job of carrying over the momentum from last season."

Sophomore Alex Tooley claimed the 400 IM, while junior Tim Ware won the 100 backstroke with a time of 52.25 seconds. On the diving side, sophomore Luke Winkler placed first in the 3-meter dive with a score of 298.87.

Clark also added an individual victory for the Hens, taking first in the 100 butterfly and helping the men and women's team complete the sweep of Georgetown.

With the victory, the Blue Hens improved to 1-0 to start the season. Next, the team will play conference rival George Mason on Oct. 19 at home.

Head coach John Hayman said the team still has a lot of work to do if it wants to be competitive in the CAA this season.

"We have some holes to fill," Hayman said. "We're not real deep in the women's distance and the women's breaststroke relative to the rest of the conference. Everywhere else, I think we stack up pretty good."

Paul Tierney contributed to the reporting of this story.



THE REVIEW/MICHELLE MORGENSTERNWW

Senior goaltender Sara Scher prepares for a save during the Delaware field hockey team's 2-1 victory over James Madison on Sunday. Scher allowed two goals and made three saves during the game. For the season, Scher has saved 73 percent of shots on goal and has contributed to two shutouts. The Hens currently have an 8-3 overall record in 2013.

The "God Particle" and Self-Creating Universes

A public lecture by Stephen Barr, UD physics professor. Thursday, October 17, 2013, 7:30 - 8:30 PM (followed by Q&A), Room 100 Kirkbride

What is the Higgs Boson ("God particle")? Does it have anything to do with how the universe began? What is "quantum creation of universes"? Does it have anything to do with what theologians and philosophers have historically meant by "Creation"? This lecture will explain these physics ideas in down-to-earth terms and examine some of the inflated claims and rhetoric surrounding them.

Sponsored by The Society of Catholic Scholars of Delaware, Catholic Campus Ministry, and the Department of Philosophy of UD.

Homecoming Events For Students!

Student Wellness & Health Promotion reminds students of exciting (and safe!) events for Homecoming week.

- **Awkward Family Photo-** Take the most "Awkward Family Photo," with friends by Oct. 8! Winner announced at the Pep Rally.
- **Monday, Oct. 7: Dodgeball Tournament-** 5:00 p.m. in The Little Bob.
- **Wednesday, Oct. 9: Amazing Race, UD Style-** 6:30 p.m. Teams of 6-8 should sign up by Oct. 4.
- **Friday, Oct. 11: Second Annual Pep Rally-** 4:30 p.m. on the Laird Campus turf.
- **Friday, Oct. 11: SCPAB Film-** SCPAB presents, *Big Daddy* at 7:30 p.m. Tickets are \$3 at UD box offices.
- **Friday, Oct. 11: The Richard "Dick" Wilson Homecoming Step Show-** 7:00 p.m. in the Tra-bant Multipurpose Rooms. Presented by the UD Multicultural Greek Congress
- **Saturday, Oct. 12: Annual Homecoming Comedy Show-** CPAB presents Gary Owen, TuRae and Lawrence Killebrew at 7 p.m. in Mitchell Hall.
- **Saturday, Oct. 12: Homecoming Football Game-** Noon, Delaware Stadium. UD vs University at Albany.
- **Saturday, Oct. 12: SCPAB Film-** SCPAB presents, *Grown Ups* at 7:30 p.m. Tickets are \$3 at UD box offices.

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Department of Public Safety Lost & Found Property Sale

Location: Perkins Garage, Academy Street
Date: October 19, 2013
Time: Sale starts promptly at 8:00 a.m.

Items for sale include:
Bicycles, backpacks, calculators, jewelry, umbrellas, watches, etc.

All items are sold AS IS
No refunds or returns
All sales are final

Payment:
Cash and check only

All proceeds benefit Crime Prevention Programs

Attention Newark Drivers...

Turn the key off for

- Clean Air
- Better Health
- Saving Money

Drivers of idling vehicles can be fined under Newark law.

For exceptions and more information:

www.cityofnewarkde.us/anti-idling

