

THE REVIEW

THE UNIVERSITY OF DELAWARE'S INDEPENDENT STUDENT NEWSPAPER SINCE 1882

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TUESDAY, APRIL 15, 2014 VOLUME 140, ISSUE 21

PENCIL IT IN

APRIL 15

-CHANGING THE CONVERSATION: STORY OF A NIGHT, 7-8 P.M., KIRKBRIDE LECTURE HALL 205
 -VISITING CURATOR: VICTORIA BROOKS, 5 P.M., SMITH HALL 130
 -CIS SIGSYS: IVAN RODERO, RUTGERS UNIVERSITY, 3:30-4:30 P.M., SMITH HALL 102A

APRIL 16

-OMA PRESENTS: BRAWA SPEAKER, BRIAN MCCAFFREY, 5:30-7 P.M., ALFRED LERNER ATRIUM
 -TROPICAL SEMINARS: ISSUES OF INTERNATIONAL TRADE, 4:30-7:30 P.M., DUNCAN CENTER, 500 W LOOKERMAN ST. DOVER, DE
 -ACADEMIC MANAGEMENT, 3:30-4:30 P.M., GORE HALL 303

APRIL 17

-DELARTE WIND QUARTET WITH CHRISTINE DELBEAU, PIANO, FACULTY ARTIST RECITAL, 8 P.M., CENTER FOR THE ARTS, GORE RECITAL HALL
 -INFORMATIONAL MEETING AND WORKSHOP, 6:30-7:30 P.M., GORE HALL 102
 -ARTIST'S TALK: ROBYN PHILLIPS-PENDLETON, 6 P.M., GORE HALL 116
 -REAL WORLD JUSTICE: SPRING 2014 LEGAL STUDIES SPEAKERS SERIES, 3:30 P.M., MEMORIAL HALL 111

APRIL 18

-GRADUATE STUDENT GOVERNMENT DIVERSITY COMMITTEE PRESENTS: REP YOUR CULTURE!, 6-8 P.M., TOWNSEND HALL COMMONS
 -ENVIRONMENTAL ENGINEERING GUEST SPEAKER SEMINAR, 1:30-2:30 P.M., DUPONT HALL 350
 -MEET THE NUTRITIONIST, 2:30-3:30 P.M., CARPENTER SPORTS BUILDING FOYER

APRIL 19

-SNAPSHOT OF AFRICA, 6-8 P.M., CLAYTON HALL

APRIL 21

-CITY YEAR GREATER PHILADELPHIA INFORMATION SESSION, 6-7 P.M., PURNELL HALL 228
 -READING AND ANNOTATING TEXTS WORKSHOP, 3:30-4:30 P.M., GORE HALL 303
 -DIVERSITY BROWN BAG: "ADDRESSING THE DEMOGRAPHIC IMPERATIVE: A PUBLIC SCHOLARSHIP FRAMEWORK TO RECRUIT AND RETAIN DIVERSE TEACHER CANDIDATES," 12-1:15 P.M., ELLIOTT HALL CONFERENCE ROOM

Rodney dorms and dining hall to close in 2015, Dickinson may house upperclassmen

BY PAIGE MCHALE
Staff Reporter

Incoming freshmen will be the last students to live in Rodney Residence Halls and dine in the Rodney Dining Hall. According to Senior Associate Director of Residence Life and Housing Jim Tweedy, the "most official" plan is that Rodney and its dining hall will close at the end of 2015.

Tentative plans are for demolition of the complex, though no official date has been set. Rumors that Rodney and Dickinson are going to be demolished have been circulating for several years, rumors Tweedy acknowledged as true.

"You hear, 'One more year and they'll be gone,' every year," Tweedy said. "But this time it really is just one more year." Each complex currently

houses approximately 600 students, Tweedy said. The dormitories were constructed in 1966, according to the university website.

With age, maintenance has become an issue, Alexine Cloonan, project manager of Facilities and Construction said.

"Rodney has been tough to maintain," Cloonan said.

Some of the problems include frequent leaks in the windows and roofs as well as problems with the brickwork and mechanical systems, Cloonan said.

When Rodney closes, freshmen will no longer be placed in single dorms, Tweedy said.

"For freshmen, we want to avoid singles," Tweedy said. "We see that most students when assigned a single are actually upset about it."

See TWEEDY page 5



AMELIA WANG/THE REVIEW

Plans for West Campus involve demolition and possible transition to upperclassmen area.

NCAA resists student-athletes' court-ruled right to unionize, university officials join conversation

BY ALISON WILSON
News Assignment Editor

University President Patrick Harker appeared on PBS NewsHour Tuesday to debate the core definition of the phrase student-athlete—a subject that has recently been garnering vast media attention.

The increasingly scrutinized National Collegiate Athletic Association could be taking a turn toward professional sports as players and critics are campaigning for better insurance and fiscal benefits, aside from scholarships. Many, like Harker, stand by the NCAA's foundation as an amateur league arguing the primary component of the student-athlete is student.

The National Labor

Relations Board in Chicago ruled on March 26 that football players on athletic scholarship at Northwestern University are employees of the school and thus have the right to unionize for benefits.

"I think the biggest problem in all of this umbrella of amateurism is just this gross misconception of people in the general public including sports fans of what is really truly reality," said Athletic Director Eric Ziady.

Paying student-athletes for their time and effort outside their scholarships is exactly the opposite of what amateur athletics is to its very core, Ziady said. The common misperception is that universities profit grossly

from their athletic department, he said, when in reality very few do.

The few schools that generate money from their athletic departments tend to be the ones with top-tier athletic programs. These schools are given more exposure via television and the media, and so the general public thinks this situation is true everywhere else, Ziady said. Less than 10 percent of colleges profit in athletics—the majority lose or invest money as they do in other extracurricular activities, he said.

Harker, a member of the NCAA's board of directors, said on PBS NewsHour that the loss schools incur should be thought

of as a "subsidy" to give students opportunity, like a scholarship or money funneled into another department like theater or music.

Sports management professor Edgar Johnson said of the 125 schools in the Football Bowl Subdivision—which comprises the top universities in college football—only 69 made money. None of the Football Championship Subdivision programs, which includes the university, made a profit.

Harker said on the program if universities have to focus on paying athletes while incurring losses, rather than on improving the educational experience, "everybody loses."

See BLACKISTONE page 3



PAUL TIERNEY/THE REVIEW

Players and critics are campaigning for better insurance and fiscal benefits aside from scholarships. However, many stand by the NCAA's foundation as an amateur league.

At Faculty Senate, Harker says 2-3 months for power-plant emissions data to become available

BY MATT BUTLER
News Assignment Editor

University President Patrick Harker said last week that the university currently does not have certain data that would clear up questions and complaints about the 279MW natural gas-fired power plant being built on STAR Campus.

Harker answered questions at the Faculty Senate meeting last Monday concerning how to respond to inquiries about the power plant protests held on Decision Days.

"Universities have to be voices of reason in a society," Harker said. "In order to make that reasonable choice we have to have the data, which we don't."

The university president said it will be another two or three months until the data is available, pending

review from third-party consulting groups.

The Faculty Senate committee assigned to the power plant proposals will do its work, issue a report and then a decision will be made collectively, Harker said.

"Until that happens, we don't quite know what it [the power plant] is," Harker said. "It's hard to be for or against something until the facts are right."

Thomas Schumacher, co-chair of the university Sustainability Task Force, wrote an open letter to Harker expressing concern over the proposed power plant, stating it would not fit with the type of green image the university has been trying to cultivate for itself throughout the past several years.

While the university should be proud of its efforts in the

environmental department, Schumacher said, this power plant is completely counterintuitive to the university's previous sustainability effort.

Schumacher also wrote specifically about the pitfalls the university is inviting regarding its own Climate Action Plan, as well as how the power plant would reverse all the work the university has done to work toward emitting less greenhouse gases.

"In a worst-case scenario as reported on future GHG emission inventories, UD would become one of, if not the, leading university GHG emitter," Schumacher said. "Although UD has created a legal framework to allow it to exclude the power plant from reported Climate Action Plan emissions, the public will certainly not perceive it as a

separate entity."

Schumacher said carbon dioxide is just one of the several harmful gases that would be increasingly present in Newark and the surrounding area as a result of the power plant's operations. Sulfur, nitrogen and particulates would also cloud the air, he said, as they are the products of burning natural gas.

"As an alternative to an on-site fossil fuel source of electricity, if the data center were to draw power from the grid, the potential exists for utilizing cleaner, less polluting sources of power generation (i.e. wind, solar, nuclear)," Schumacher said in his open letter.

See WOOL page 3

WORLDREVIEW



1 SCIENTISTS DIRECTLY LINK EARTHQUAKES TO FRACKING

A study conducted by scientists in Ohio linked five small earthquake tremors to fracking activity on the Utica Shale, prompting the state to issue new permit conditions Friday on fracking near known areas with certain levels of seismic activity.

Hydraulic fracturing, or fracking—the process of pumping water, chemicals and sand at high pressure to retrieve natural gas—has previously been linked to earthquakes, but this is the first time a study has pointed to a specific occurrence.

The fracking, conducted by the company Hilcorp Energy, resulted in several small fractions. The energy company's operation was suspended indefinitely by Ohio after the outbreak of seismic activity.

The new regulations in Ohio will require companies to install monitors when drilling sideways into rock into an area within three miles of a fault area with a seismic activity of 3.0 magnitude or greater. Drilling will be suspended if the monitor detects activity greater than a magnitude of 1.0.

In a statement, the Environmental Defense Fund stated the organization supports Ohio's precautionary permit regulations.

"The state's decisive action is based on the best information available," said Scott Anderson, senior policy advisor of the organization.

—Cady Zuvich
Managing News Editor

2 CHILEAN WILDFIRE KILLS 12, DESTROYS 2,000 HOMES

A wildfire swept through hundreds of homes in Valparaiso, a Pacific coastal city in Chile, leaving at least 12 dead. Interior Minister Rodrigo Penailillo stated at least 2,000 homes were destroyed, leaving 8,000 people without shelter.

Over 1,200 firefighters worked to contain the blaze in Valparaiso and the suburb Vina Del Mar. Strong winds have hampered their ability to create firebreaks, contributing in the fire spreading to over 2,000 acres.

Chile's National Emergency Office's website previously reported there were at least 16 individuals dead. It is not clear what caused the discrepancies in the reports.

According to Chilean President Michelle Bachelet, the firefighters were supported by 17 aircrafts and additional police were called in to prevent looting in areas evacuated of residents. Several survivors have been burned and those who have suffered more serious burns are being taken to hospitals in the capital of Santiago.

It has been reported that the fires are endangering thousands more homes. In response, plans are being drawn to evacuate inmates at the Valparaiso prison and the city is under red alert.

Bachelet has declared a state of emergency, legally allowing armed forces to become involved in the blaze.

—Rachel Taylor
Copy Desk Chief

3 BLADE RUNNER TRIAL CONTINUES IN SOUTH AFRICA

The case against Oscar Pistorius in the murder of his girlfriend continued yesterday in South Africa with the prosecution accusing Pistorius of "tailoring" evidence.

The Olympic gold medalist, nicknamed "Blade Runner" because of the prosthetic legs he uses, was charged with the murder of his girlfriend, Reeva Steenkamp, on Feb. 14, 2013, when he fatally shot her in the early hours of the morning.

Prosecutor Gerrie Nel accused Pistorius of hiding the truth about how Pistorius shot Steenkamp in his home in Pretoria, South Africa. Pistorius does not deny killing Steenkamp, but he says he mistook her for an intruder.

Nel scrutinized every detail of Pistorius' account of the events, highlighting apparent inconsistencies between Pistorius' bail application and his testimony in court, accusing him of changing the facts.

The prosecution went through every detail of Pistorius' account of the night from where he moved, how he moved and what he saw, with Nel aggressively questioning him about the shooting.

The prosecution argued Pistorius shot Steenkamp after a heated argument, while Pistorius has stuck with the story that he believed Steenkamp to be an intruder.

The trial is currently scheduled to continue until the middle of May.

—Cori Ilardi
Copy Desk Chief

4 UKRAINIAN CRISIS CONTINUES

The government of Ukraine announced Sunday it had begun operations in the Eastern part of the country against those it termed terrorists. These individuals, the government said, are responsible for stirring up the tensions with Russia in recent months.

"In the eastern regions of Ukraine, the Russian special service and saboteurs embarked on the large-scale separatist operations to seize power, destabilize the situation threatening the lives of citizens of Ukraine, as well as the separation of the regions of our country," the country's Foreign Ministry said.

Officials said they had evidence of Russia's involvement in inflammatory protests in Ukraine. They also said Ukrainian troops attempted to force armed Russian supporters from a police building in the city of Sloviansk Sunday a day after the separatists took it over, resulting in the death of one person.

This account was disputed by CNN, as a crew in Sloviansk saw few troops and no signs of an armed conflict.

Elsewhere in Ukraine, protesters in the cities of Luhansk, Donetsk and Kharkiv gained control of several government buildings last week.

Ukraine and several Western nations have accused Russia of intentionally creating chaos in eastern Ukraine as a reason to then send in troops to protect Russians in the area.

—Matt Bittle
Copy Desk Chief

5 OIL LEAK CREATES WATER BAN FOR CHINESE CITIZENS

Over 2.4 million citizens of the Chinese city Lanzhou were forced to go without water on Sunday after an oil leak from the Lanzhou Petrochemical Company, a unit of China National Petroleum Corp. (CNPC), contaminated the city's drinking water. Residents flocked to stores to buy bottled water, which quickly sold out at many stores.

The leak polluted Veolia Water and allowed tap water to become contaminated with the toxic chemical benzene. Benzene exposure has been shown to increase a person's risk of cancer and various other diseases. At one point during the contamination, tap water contained 20 times the national safety limit of benzene, but authorities say the water has returned to safe levels.

At the peak of contamination, officials cautioned citizens not to drink tap water for 24 hours, and the high benzene levels forced officials to turn off water supplies in one district.

Lanzhou, a heavily industrialized area, has been ranked among China's most polluted centers. The Lanzhou Petrochemical Company produces approximately 280,000 barrels of crude oil per day.

Last year, a ruptured oil pipeline resulted in the death of 62 Chinese citizens in the city of Qingdao, and this latest scare has once again called into question China's environmental safety record.

—Kelly Flynn
Managing News Editor

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BLACKISTONE: 'THEY WANTED THEIR MEMBER INSTITUTIONS TO TAKE CARE OF THEM AS IF THEY WERE WHAT THEY ARE—AND THAT IS EMPLOYEES OF THE UNIVERSITY.'

Continued from page 1

With this increase in expenses, things like non-revenue generating sports would be cut, Ziady said. Because so few schools turn a profit from athletics, money to pay student-athletes' salaries would have to come from somewhere and would most likely come at the expense of the existence of other sports.

He said he thinks players are unaware that if they are compensated, outside of scholarships, they will be subject to income tax whereas scholarships are tax-exempt.

ESPN panelist and University of Maryland sports journalism professor Kevin Blackistone said on the program the unionization of Northwestern football is not about compensation but about resources—things like healthcare, workers compensation and protection of scholarships in the case of injury.

He said people do not realize scholarships are renewed on a yearly basis via approval of the athletic department. If a student is injured, his or her scholarship could be lost.

However, Johnson said he thinks the Northwestern players want additional pay beyond their scholarships as well as better protection, such as insurance for catastrophic injuries which already exists.

The NCAA Catastrophic Injury Insurance Program grants money from an insurance company based on the severity of their injury, Johnson said. In the case of paralysis, for example, this policy can be used to help a player get wheelchairs, vans and ramps for their homes.

Northwestern players claimed to have been giving 40 to 50 hours a week to the sport, Johnson said, and that must have been including voluntary hours, not just the required practice. The NCAA puts a maximum cap of 20 hours coaches can mandate on a weekly basis, so the players must have been calculating the extra time they give, he said.

The ruling at Northwestern that student-athletes are employees also sparked national debate and extensive media coverage of what it means to be an NCAA student athlete.

The phrase student-athlete, which Blackistone called a misnomer, was coined in the 1960s by past NCAA executive director Walter Byers, Blackistone said, to prevent players from being viewed as employees. NCAA players who had been critically injured filed lawsuits against the NCAA at the time, he said.

"They wanted their member institutions to take care of them

as if they were what they are—and that is employees of the university," Blackistone said.

Student-athletes here on scholarship are obligated to meet minimum academic requirements, Johnson said, and therefore he does not see how they could be considered employees or anything but students. A university is a place meant to prepare people for the next 40 years of their lives, he said, not solely the next four years.

"In intercollegiate athletics, in my mind, I don't think you can divorce the educational component from the athletic component," Johnson said. "I think they go together."

Johnson mentioned two cases—one at Brown University and the other at Indiana State University—where the courts ruled students were not employees. There is precedent, he said, which declares student-athletes are nothing more than student-athletes.

"Even if they have a pro-career. They're not going to do that forever and after their career is over... they need to be successful in something else and they need an education."

-PATRICK HARKER
UNIVERSITY PRESIDENT

However, there is a forum where athletes go to be paid, where they are actually employees of a sports team, and it is called professional sports, Ziady said. Certain professional leagues though bar students from entering without attending a minimum requirement of college years first.

"If the NBA or NFL prohibits a high school senior from going straight from high school to the professionals, well, then that kid's argument and legal case is with the league," Ziady said. "It's not with the colleges."

Because student-athletes are unable to go out for professional

sports right after high school, and their time commitment is so large, some feel they should be compensated in addition to scholarships for this reason alone.

Ziady said either position can be argued—many other extracurricular activities, like being in a school play, require a large time commitment but participants in these clubs and organizations don't receive compensation. Because college athletics is televised unlike most other college activities, it is under much more scrutiny.

Sophomore Joe Johnson said with the growth of the fan-base for college sports, he looks at student-athletes as professionals. College basketball and college football garner more attention than the NBA or NFL, he said, so he doesn't view players as amateur athletes although he is on the fence on whether they should be paid in addition to scholarships for their contribution.

"If it happens, I'll be shocked if it ever does, but... I've heard a lot of stories of players talking about it," Johnson said.

Sophomore Reese Earley said he definitely thinks student-athletes deserve to be paid. The amount of time they dedicate to their sport, outside of classes, is like having a full-time job, he said.

"I feel like it might be a bonus because it might convince kids to stay in school for four years and actually graduate with a degree instead of playing a year and then going into pro football for example, so then if they do get hurt or they do end up not playing they have something to fall back on," Earley said.

Which is exactly what Harker campaigns for.

"Students need an education to be successful," Harker said. "Even if they have a pro-career. They're not going to do that forever and after their career is over... they need to be successful in something else and they need an education."

The university has sent students-athletes into professional sports, but Ziady said the academic aspect of the student-athlete is still top-priority. The main concern is giving players the ability to grow as leaders, graduate with a degree, and become contributing members of society.

Ziady said he foresees change coming to the NCAA—specifically in the system's governance—but he does not think anyone can predict at this point how it will all play out.

WOOL: 'WHEN SOMEONE IS GOING TO CREATE A MILLION TONS OF CARBON DIOXIDE EXTRA, I DON'T CONSIDER THAT A STEP FORWARD.'

Continued from page 1

Richard Wool, a professor of chemical and biomolecular engineering and the 2014 recipient of the Green Chemistry Challenge Award from the EPA, said if the university is going to commit to increasing its carbon footprint by twenty times—which would be the case if the power plant is constructed—other steps desperately need to be taken to offset the environmental impact. He said he trusts the Harker administration to make the right decision after a full investigation.

Perhaps most crucially of all, Wool said, was the academic opportunity the university is missing out on by not embracing the fight to enrich the planet

more.

There are great strides to be made in environmental preservation and energy usage innovation, Wool said, but no university has been able to truly step up and lead. The university could be that school, but the power plant would end all hopes of that, he said.

"When someone is going to create a million tons of carbon dioxide extra, I don't consider that a step forward," Wool said. "The bigger opportunity for UD is to really help develop technologies and policies that would really take on global warming and be a true leader in the nation on that. It's a unique opportunity because there is no leadership coming out of Washington."

Wool is also a co-sponsor on a bill introduced to the Faculty Senate by John Morgan, a physics professor, that calls for a faculty panel review of the STAR Campus plan as a whole, though with particular focus being put on the data center and power plant idea.

Morgan said though the university is thought of as a relatively environmentally sustainable school, that reputation would be tarnished by the power plant, possibly for good.

"The global warming mitigation train is about to leave the station, and I don't think UD is on it," Morgan said.

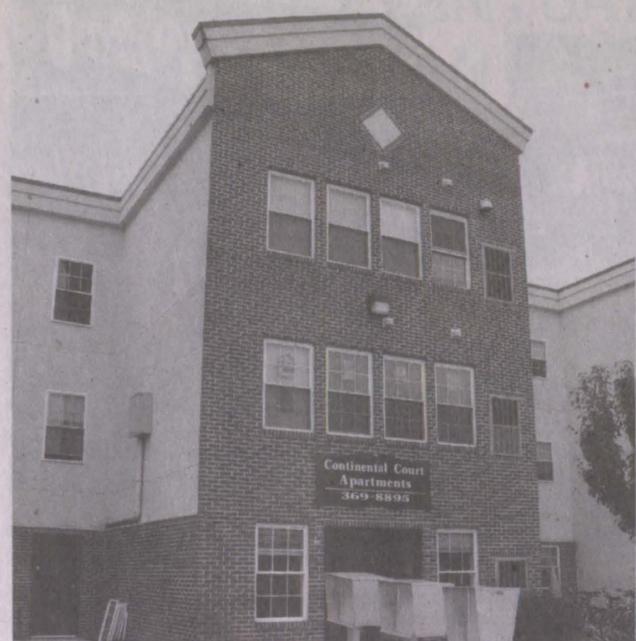
websites like Yahoo, Amazon and others are all going to be possibly affected by the bug. Though there has been no evidence found of any hacking or security breach, he said, the password change is necessary because it appears the problem has been present for around two years.

"There is no evidence that anybody has taken advantage of this," Gordon said. "There is no evidence that any University of Delaware passwords have been taken. Our request to change passwords is in line with what

everybody is saying is the best practice."

Gordon said this situation has no relation at all to the security breach the university suffered in July, when over 70,000 members of the university community were affected. He said while that was an instance of an intentional, illegal hack, the Heartbleed bug seems to be an honest mistake by the security software developers.

The Heartbleed bug has cautioned the university to take precautionary measures and could affect more than 65 percent of the world's websites.



FILE PHOTO

A resident and friend were robbed at gunpoint at the Continental Court apartments last Tuesday.

Robbery occurs at Continental Court, students discuss off-campus safety

BY TORI NADEL
Staff Reporter

Police are investigating an armed robbery that occurred Tuesday afternoon, police officials said.

The incident took place at approximately 12:58 p.m. at the Continental Court apartments at 65 South Chapel Street, according to the Newark Police Department's press release.

According to the press release, a resident of the building left his apartment door unlocked for a friend to later enter. The suspect—an acquaintance of the resident—entered the apartment, removing a handgun from his backpack and demanding property from the resident and friend who later entered the apartment.

Junior Rachel Crum is a resident of University Courtyards, the complex across the street from Continental Courts. She said the recent robbery is not the first time she has felt unsafe around the area.

"The Courtyards is definitely a safe area to live in, but the surrounding area is less safe," Crum said. "Walking home, the scariest part is crossing into The Courtyards because all around it is sketchy."

Crum said she takes safety precautions when walking around at night. She said carries pepper spray in her hand, whereas it is usually in her bag during the day on her keychain. She also does not walk alone after dark.

The security measures in The Courtyards are not ideal for Crums, who said there were not many security measures in place.

"You call 911 if you have a problem and there is a button next to our beds that you can push to call 911," Crum said. "Some apartments can just be walked into, some have two doors to open to get in, which is the kind I live in, and others have to be buzzed into and with a key to get into."

The Courtyards did not send any type of warning after the robbery, Crum said, as she found out about the occurrence from the UD Alert.

According to the press release, the robbery was drug-related and once the suspect acquired the drugs, as well as undisclosed amount of money and property, the suspect ran.

The connection between drugs and crime is not uncommon, said sociology and criminal justice professor Lana Harrison said.

"The main way drugs and violence are related is the underground market where violence is used," Harrison said.

Crimes are more often committed between people that know one another, Harrison said. In terms of crimes that happen between strangers, property crimes often occur in neighborhoods the perpetrator lives in but does not necessarily know the victim,

Harrison said.

This is not the first incident of its kind that has occurred to a student, Harrison said.

"I feel there is a different set of norms that govern behavior with this type of crime," Harrison said. "[A perpetrator] assume because they are stealing drugs that the person wouldn't report the crime."

Petty crimes like this are more common in Newark due to the fact that a large amount of residents are college-aged, but it is not an abnormal amount, Harrison said.

Cpl. James Spadola of the Newark Police Department said he is handling the press matters for this case. He was not able to discuss any details of the case not already presented in the press release.

Though broadly, the number of robberies in the city has declined recently, Spadola said.

"There were 29 robberies in Newark last year, which is a significant decrease from the 45 that occurred in 2012," Spadola said.

The Newark Police Department does not make a distinction between students and non students in terms of crime rate, Spadola said.

Spadola said there are ways for residents of Newark to reduce chances of experiences similar instances.

"Locking your doors and avoiding drugs—those simple steps alone—will greatly help reduce the chances of becoming a victim," Spadola says.

As a resident, Crum said she does not believe University Courtyards is a safe place for students to live.

"It's safer than the surrounding area but there could definitely be more safety precautions implemented in the Courtyards," Crum said. "It's not fair that some are safer with a key card while others can just be walked into. I have seen police cars in the parking lot but I don't know if the Courtyards have them do anything."

Harrison said she is surprised the crime involving drugs was reported, but not that a gun was involved in this type of crime. It is the norm for drug dealers to carry guns as a form of protection, she said.

"Gun use might have been a factor in why the victim contacted the police," Harrison said. "It might have been egregious that someone threatened with a gun. I think that if there wasn't a gun, they wouldn't have reported it."

According to the press release, the suspect is described as a black male, approximately 20-23 years old with a thin build and approximately 5 feet 10 inches to 6 feet tall. He was wearing a gray sweatshirt and black sweatpants.

Anonymous tips can be texted to TIP411 by texting 302NPD.

Heartbleed Bug leads to school-wide password change

BY MATT BUTLER
Assignment News Editor

On Wednesday afternoon, students received an email from the university's IT department telling them they must change their passwords on their university user accounts. According to the email, the reason for the change is the recently discovered "Heartbleed" bug, which will affect about two-thirds of all websites globally.

The last day for students to change their passwords will be

April 23, and after that students who still have not changed their password will be unable to log in to their account until they submit a new password. Richard Gordon, manager of the IT Communication Group on campus, said the Heartbleed vulnerability was announced on Monday, and the bug had been diagnosed and a solution had been found. He said the school had updated their security and fixed the problem by Tuesday afternoon, about 15 hours after Heartbleed was found.

Gordon said major global

websites like Yahoo, Amazon and others are all going to be possibly affected by the bug. Though there has been no evidence found of any hacking or security breach, he said, the password change is necessary because it appears the problem has been present for around two years.

"There is no evidence that anybody has taken advantage of this," Gordon said. "There is no evidence that any University of Delaware passwords have been taken. Our request to change passwords is in line with what

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Gordon said this situation has no relation at all to the security breach the university suffered in July, when over 70,000 members of the university community were affected. He said while that was an instance of an intentional, illegal hack, the Heartbleed bug seems to be an honest mistake by the security software developers.



CODENOMICON

The Heartbleed bug has cautioned the university to take precautionary measures and could affect more than 65 percent of the world's websites.

POLITICS STRAIGHT NO CHASER:

NEW SUPREME COURT RULING ON CAMPAIGN CONTRIBUTIONS SETS DANGEROUS PRECEDENT



SAM WILES

Two weeks ago, the Supreme Court continued its hostile assault on campaign finance regulation with its ruling in *McCutcheon v. Federal Election Commission*. In the decision, the court struck down the overall contribution cap of \$123,200 for congressional and presidential candidates.

The ruling is said to be a sequel to the court's 2010 ruling in *Citizens United*, which allows corporations and unions to spend as much as they would like in federal elections. Chief Justice John Roberts ruled the caps on contributions would intrude upon "fundamental First Amendment activities."

Elections in the United States have been billion-dollar affairs since the 1990s, and at \$6.2 billion, the 2012 election was the most expensive ever. The number of people who donate to campaigns is, in contrast, a much smaller percentage. Of the total population, only .12 percent give \$200 or more and a minuscule .02 percent give \$2,600 or more.

In the last election cycle, only 591 donors reached the overall contribution limit, meaning the court's ruling will provide the few biggest spenders with a license to spend and influence politicians more so than they do today.

Allowing the wealthiest donors to push past the aggregate contribution limit will only increase the influence the wealthiest people have over our political process, while simultaneously drowning out the voices of the average citizen.

The *McCutcheon* ruling sets a dangerous precedent that will further increase the grotesque amount of money and corrupt behavior in our elections. In his opinion, the Chief Justice notes, "Spending large sums of money in connection with elections, but not in connection with

an effort to control the exercise of an office holder's official duties, does not give rise to quid pro quo corruption."

Chief Justice Roberts ignores the power large donors can wield either directly or indirectly over candidates. He instead looks at implicit corruption, and rejects any appearance of corruption.

For example, in 2012 Dr. Salomon Melgen received \$21 million in Medicare reimbursements. In addition to receiving the reimbursements Melgen contributed \$700,000 to a Democratic super PAC, \$600,000 of which went to Senator Robert Menendez (D-NJ), a friend of Melgen. Melgen's lawyer denies any illegal activity on behalf of his client. Though Menendez's behavior may not legally be corrupt, it and similar activities create a suspicion of corruption that is detrimental to free expression in a democratic society.

In the dissent, Justice Breyer notes while *Citizens United* "opened a door" to outrageous campaign spending, *McCutcheon* "will open the floodgates." Hopefully Justice Breyer's prediction proves to be false. However, if our recent past proves to be any indicator, his prediction will remain spot on.

The court currently holds money equals speech when it comes to campaign contributions and that rule does not appear to be changing any time in the near future. By defending the most prolific contributors the court's majority shows that it is out of touch with the detrimental realities money in politics presents. If money is speech, it means there are people out there who have a lot more to say than you or I do. I do not believe that is the case.

—Sam Wiles
samwiles@udel.edu



COURTESY OF DELAWAREADA.ORG

Workers protest outside of a Wendy's restaurant in Wilmington. The workers say they cannot afford basics such as groceries, rent and transportation.

State's fast food workers demand fair wages as part of a growing movement

BY MEGHAN JUSZAK
News Assignment Editor

Ben Hunter of Wilmington works hard and shows up on time to his position at Burger King every day but is unable to put food on the table, he said.

"I'm not looking for a handout," Hunter said. "I am looking for a living wage."

Hunter's frustrations are representative of a growing movement within the state and on a national level known as the "Fight for Fifteen," which aims to raise the wages of fast food workers to \$15 an hour and allow for a safe formation of unions.

In response to the testimonies of Hunter and others Tuesday night at New Castle County's council meeting, the council passed a resolution condemning several major fast food corporations, including Burger King, for the low wages paid to their workers. The council is one of many groups in Delaware taking action against the practice known as "wage theft."

Daisy Cruz, the Mid-Atlantic director of the 32BJ Service Employees International Union (32BJ SEIU), represents over 145,000 low-wage service workers, including 10,000 in the Delaware and Philadelphia areas. Her organization has kept a close eye on the "Fight for Fifteen" movement since its inception, she said.

It has grown exponentially since the strikes first started in November 2012, spreading to more than 130 cities in December, Cruz said.

"There has been an incredible snowball effect," Cruz said. "The fast food worker movement has ignited a growing, necessary conversation around income inequality and has even helped spur major legislative achievements."

32BJ SEIU has collaborated with Americans for Democratic Action (ADA) and a few other

organizations to form Delaware Fast Food Forward, which addresses these issues specifically in the state, she said.

Ezra Temko, the Delaware organizer for ADA, said the movement came to the state this past summer when Wilmington workers participated in the nationwide strike that took place on Aug. 29. ADA was not formally associated with the first strike but since then has become directly involved with the workers' efforts, Temko said.

"We need to show solidarity for these fast food workers," Temko said. "They need community support. There are misconceptions about them often being teenagers or it being supplemental income, but there are a lot of adults, particularly women and minorities, doing this to take care of their families, and they cannot do that with low wages, few hours and no benefits."

The average wage for a Delaware fast food worker has recently increased to \$8.75 an hour, but even that is nowhere near enough to support a family of four, he said.

State Rep. John Kowalko of district 25 said he sees the "Fight for Fifteen" movement as both a moral and economic battle.

"Morally, paying fast food workers more is the right thing to do," Kowalko said. "But for those who don't think the government should be involved in a societal or moral issue, they should acknowledge that billions and billions of dollars of their money is being used to support people who are working 40 to 60 hours a week."

Both Kowalko and Temko cited a recent report from University of California-Berkeley that said low-wage fast food jobs cost American taxpayers \$7 billion each year.

"As far as I'm concerned, we are going in the wrong direction economically as long

as we allow already profiting corporations to place the burden of society's obligations on the government by underpaying people for their labor," Kowalko said. "More sustainable economic development comes from treating people fairly."

Despite Tuesday's victory, Delaware Fast Food Forward will continue its fight to raise awareness of this cause in the state.

There will be an event Thursday at 1 p.m. outside the McDonald's in Wilmington, Temko said. Community leaders and fast food workers will be speaking out about wage theft, he said.

"We may do something symbolic, like Ronald McDonald being arrested or something," Temko said.

Aside from events like these, Cruz said workers are also looking for more legislative change modeled after New Castle County council's resolution. Workers are calling on Wilmington's city council to pass something similar, she said.

"This movement is very important and needs to keep growing," Temko said. "It is about empowering workers and giving them a voice when in the workplace they are not always treated with such respect and dignity. They did not feel like their voices mattered."

Even though he feels there is a long way to go, he and the rest of ADA and Delaware Fast Food Forward will continue working until the movement reaches its goals, he said. Kowalko says it is only fair that things improve for fast food workers.

"The work they are doing, this is not even just the American way, it's the human way," Kowalko said. "It's the honest way that demands we compensate people fairly for the work they do."

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Protestors voice opinions against STAR campus power plant as parents and prospective students visit for Decision Day



KIRK SMITH/THE REVIEW

No Newark Power Plant and UD Students for Clean Air protest the STAR campus power plant as prospective students and parents visit for Decision Day.

TWEEDY: 'EVENTUALLY WE WANT TO MOVE ALMOST ALL FRESHMAN STUDENTS TO EAST CAMPUS'

Continued from page 1

Students will continue to be housed in Dickinson, however, most likely for two to three more years, Tweedy said. The university will still need the bed space offered by the Dickinson complex. Because the complex lacks features like air-conditioning systems, maintenance is not as challenging, Tweedy said.

However, as the Rodney Complex includes a dining hall, providing dining options for students living in Dickinson once Rodney closes poses an issue. Tweedy said officials are still in conversation regarding what he called an "obvious concern."

"The dining hall would be too expensive to maintain for just Dickinson," Cloonan said.

Housing upperclassmen with limited need for a dining hall is an option currently in conversation, as well as possibly making Dickinson

upperclassmen singles, Tweedy said, but no final decisions have been made.

Current West Campus residents expressed concern at the inconvenience this would cause. Freshman Blake Dantzler, a Rodney resident, said he would see the distance to another dining hall as inconvenient.

"I can't even imagine," Dantzler said. "It's so convenient right now being able to walk right to the dining hall."

Along with the Rodney complex, Kent Dining Hall will be closing in the fall of 2015 when new Academy Street dormitories open with a new adjacent dining hall.

Cloonan said she hopes the new Academy Street dining hall will attract students from all over campus to reduce potential issues on West Campus. The new dining hall will be able to accommodate the diverse dietary needs of students, Cloonan

said.

Having to walk to Central or North Campus would be an unnecessary inconvenience for West Campus residents, freshman Alexandria Law said.

When it comes to making connections and assimilating, there is an overwhelmingly positive response among those who live in Rodney and Dickinson because students consider them to be social dorms, Tweedy said.

Similarly, Dantzler said he does not have many complaints about residing on West Campus.

"I actually really like Rodney," Dantzler said. "It's nice how it's set up with the courtyard."

The current West Campus employees are people Dantzler has gotten to know well, adding to the overall appeal of living there, he said.

Satisfaction on West Campus is higher, Tweedy said.

"Dickinson—with the smallest

rooms on campus—are some of our most popular dorms in terms of student satisfaction," he said.

Law said she thought West Campus was a good first-year environment.

"Freshman year, you want to talk to more people—you find out who you are," Law said. "I think it's good for freshmen."

Surveys have reflected proximity to and interaction with other students is directly related to student satisfaction with their first-year experience, Tweedy said.

"We've found Dickinson and Rodney students by the end of the year have made about 20 to 30 personal connections, while students in dorms like George Read have made around six," Tweedy said.

An important part of the freshman experience is student interaction, he said, and plans for the future will encourage this.

"Eventually we want to move

almost all freshman students to East Campus," he said. "If an entire section of campus was devoted to freshmen, it could really enhance the freshman experience."

Cloonan said she believes this would pave the way for better programming.

"We want to get students more involved and give them a good strong first year," she said.

With the opening of the new dining hall on Academy Street, which will be twice the size and offer seven times more options than any other dining hall, this shift of students to East Campus would eventually provide students with, essentially, a freshmen village.

With such a large number of current students who lived on West Campus for their freshman year, the "West Side Pride" still runs deep, Law said.

"West Campus, best campus!" Law said.

YouTube video raises more questions about STAR Campus

BY MATT BUTLER
Assignment News Editor

A video surfaced on YouTube prior to spring break that further questioned the controversial plans for the 279MW natural gas-fired power plant set to be constructed on STAR Campus. The three-minute video, created by student organization Blue Hens for Clean Air, used stop-motion animation to highlight the various problems the power plant could cause for students and residents in Newark.

The video primarily focuses on the environmental effects the power plant would have, including the university's carbon dioxide emissions increasing seven times what they currently are. This would cripple the university's Climate Action Plan signed by President Patrick Harker in 2009 that aims to reduce carbon dioxide emissions from the university by 20 percent in 2020, according to the plan.

In addition, the video states the claim of necessity for the power plant to provide a stable source of energy for the data center is invalid. There are three different electric lines in the area that could capably power the data center with even less risk of power loss, according to the video.

"A power plant such as this has nothing to do with science, technology or advanced research," the video stated. "This development would negate any positive ecological impacts of the STAR Campus."

STAR Campus, located on land purchased from Chrysler, was created to act as a hub for businesses that focus on areas such as national security, environmental sustainability and clinical practice. Bloom Energy and the Health Science Building are current tenants of STAR Campus, with more plans in motion for the site in the near future.

An anonymous student who helped design the video said the goal of the video was to inform students about the power plant, something they said is not widely known among the student body. A representative of Blue Hens for Clean Air stated in an email message their main priority in making the video was to educate people in general, but particularly students from the university, about the dangers of the power plant.

"We hope that once more students are educated about this they would put pressure on UD to

not pursue this project in its current form, as it would have a significant negative impact on the health and well being of students and the reputation of UD as a clean, green and sustainable school," they said.

Brian Honish, vice president of Business Development for The Data Centers LLC (TDC), said he disagreed with most of the points made in the video. He said the university is currently conducting an independent study through a consultant group at Princeton University to examine the effect of the power plant on the school's Climate Action Plan.

Honish said the animation shown in the video is incorrect at points, including the portrayal of the smoke stacks. He said the stacks will not be individually lined up in a row, as shown in the video, but instead more closely resemble one main stack, measuring about 120 feet high. Honish said if the environmental negatives were actually substantial, TDC would not be allowed to start construction.

"We are going to be federally regulated by the EPA, as well as DNREC, so there should be nothing that could impact the residents," Honish said. "If there was going to be something, we would never be allowed to build it."

Blue Hens for Clean Air dispute Honish's claim, however. According to the air permit application that TDC submitted to the Delaware Department of Natural Resources and Environmental Control, the stacks are to be 165 feet, and there will be 10 separate structures, as stated in the video.

The power plant was never mentioned in the STAR Campus Master Plan, BHAC said, and the actual language in the plan seems to indicate the original plan was for STAR Campus to be powered by the grid. BHAC said the gains from the project do not come close to outweighing the injurious effects increased carcinogens in the air would have on residents of Newark and students.

In addition to the discrepancies in structures, independent analyst Jamie Magee performed a fact check on TDC's job projections for the new site, and found they did not quite add up either. Magee said TDC put out a report that said the construction would create 4,770 jobs, but on their air permit application they estimated the number to be around 1,000.

Magee said in TDC's

Infrastructure Grant Application, they indicated a projected salary of employees at the site around \$46,500, but they have made statements that would lead people to believe the average salary is actually much higher, at \$60,000-\$63,000.

TDC also claims to be willing to hire 50 part-time students in their field of studies, but their grant application indicates that students would be primarily "loading racks, equipment assembly and some operations positions." The problem with that, Magee said, is that those are trade school skills, not a field of study at the university.

Magee said Honish's statement about the EPA's regulations safeguarding Newark residents from any harm is inaccurate, since the EPA and DNREC do not monitor at the city level. He said there are frightening statistics regarding the human health problems caused by power plants, including increasing premature deaths by 100. Those statistics only reflect results in places where power plants would normally be constructed, he said, and the fact that this power plant would be operating in the middle of 30,000 residents would intensify the effects.

"There are always health effects of fossil fuel combustion; the question is how much," Magee said. "This plant would generate enough electricity to supply five times UD and the City of Newark, and for electricity that won't even be used by UD or Newark. TDC is actually buying renewable energy credits through the state to be allowed to exceed emissions limits."

Freshman Ariel Schwab said she was involved in the organization of a petition that was mentioned in the video. She stated in an email message that the residents of Newark and the students of the university have been lied to from the very beginning of the project. She said there has been a plethora of incomplete and contradictory information that has come from TDC, the company behind the power plant and adjoining data center project.

Schwab said TDC has made misleading statements about the support of the Delaware Chapter of the Sierra Club, an environmental activist group. According to the Sierra Club's Delaware website, this is a result of purposeful lies told by TDC officials.



BLUE HENS FOR CLEAN AIR/YOUTUBE

A screenshot from the video posted by Blue Hens for Clean Air. Shown are the harmful chemicals the group claims would increase in Newark's air if a power plant is constructed.

"There has been a lot of confusion about the Sierra Club's position on the proposed Data Centers, LLC's Power Plant in Newark even though we have been actively opposing the project," according to a post on the Sierra Club's website. "This is mostly due to intentionally misleading statements by representatives from TDC and proponents of the project who have misled or stated that we support this proposal."

Schwab said the petition's aim is to give the student body a chance to have a voice in the situation, and to ask President Harker to back out of the power plant deal with TDC. The petition, Schwab said, will be turned in to Harker when it has 1,000 signatures.

Though proponents of the power plant have been championing the jobs construction of the plant would provide, Schwab said she thinks jobs would be better allocated in projects that do not hurt the environment. She said jobs that can benefit the community entirely, such as building research facilities or remediating sites, should be the primary goal of the university on STAR Campus.

A similar project was planned for Rowan University by Gene Kern, CEO of TDC and alumnus of Rowan. The plans fell through in the end, something Schwab said she hopes will happen on STAR Campus as well.

"It is part of their business plan to include the plant, because

that is how they will profit," Schwab said.

TDC's plans to sell excess power from the facility back to the grid has been a concern of various community members. Though TDC claims the power plant would be there for "accessory use," this has been continuously refuted by advocacy group No Newark Power Plant, as well as residents at city council meetings.

The source said the video was not made with hostile intentions, and Blue Hens for Clean Air wanted to get the word out. By creating a video, the source said the hope is to inspire more transparency among the university administration regarding The Data Centers LLC., the company behind the power plant and adjoining data center.

"I don't want them to look at the video, or what this group of students is doing, and think that we are trying to be malicious or anything," the source said. "We just think that there is a better way to go about this."

BHAC said the key to change is going to be students' voices. It is not too late to alter or stop the power plant proposal, said a source tied to the organization.

"If the students put sufficient pressure on the university and show to the university that this project's costs outweigh the benefits, eventually they will have to do what the students are asking for," the source said.

AEPi suspended from campus for hazing violations

BY MATT BUTLER
Assignment News Editor

Alpha Epsilon Pi has been suspended from campus as a result of possible hazing violations. The fraternity is currently appealing the decision by the university to enact a four year ban until the spring of 2018. University Police Chief Patrick Ogden confirmed there is an active investigation into the incidents that led to the suspension but could not comment on the incident itself.

A student with knowledge of the situation, who asked to remain anonymous, said two university police officers were driving by a bench Thursday night when they noticed two other people waiting on the bench. The officers asked what was going on, and after some questioning, the two boys admitted they were there as part of a pledge activity for AEPi, the source said. Higher-ranking members of the fraternity on campus were then called, the source said.

The source said the night out "guarding the bench" had been a tradition within this chapter of AEPi for a long time, and nobody is scared of being asked to do it. The source said nobody was in danger, and there are two pledges sent out to sit on the

bench at a time in order to promote safety so nobody is alone for too long.

The source said the chapter will retain its charter from the AEPi national organization for the time being. The source said the national organization will be coming down to check on the remaining members and reorganizing the group in order to push strong values and smarter decisions. Even so, the source said, AEPi's national office does not agree that their subjects' conduct warrants an immediate four year suspension.

The source said it is silly for the university to react this forcefully to something so harmless, while there are other, much more serious things occurring.

"The apartment complex that I live in had three armed robberies during the past week, with valuables stolen in each one," the source said. "There's always crime, we always get UD Alerts about men with guns, robberies, that kind of thing. It seems to me that they are channeling their energy in the wrong area."

We will be updating this story further on our website, www.udreview.com.



Newly inducted brothers of AEPi pose for a photo.

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Greek-life students discuss reality, ethics of test banks

BY MATT BUTLER
Assignment News Editor

The use of test banks, collections of tests that have been given back to students by professors after they have been taken and graded, is a popular practice for clubs and Greek organizations on campus, taking advantage of the ethical gray area that surrounds their usage.

Some think test banks are a dishonest way to abuse the testing system, while others believe it is simply another resource students should use to receive higher grades and increased academic success. Adam Cantley, the assistant director of Fraternity and Sorority Life, stated in an email message his department does not police the use of test banks by Greek organizations.

"We don't ask or assess if chapters have test files," Cantley said. "We want all chapters to work to be academically successful and uphold UD academic policies. We are proud of academic achievement of the UD Greek community and hope that success continues."

Scott Mason, associate director of Fraternity and Sorority Life, stated in an email message the issue of chapters keeping collections of past tests is not addressed under the current policies of his department. He said he thinks professors have adapted to the changing information distribution landscape.

"In this day and age of the internet and data, most professors change up exams all the time because it is very easy given multi-media for exams or tests to be passed on to other people," Mason said. "And again, professors have gone to great lengths to prevent this from happening."

The Office of Student Conduct lists seven definitions of cheating, several of which could conceivably restrict test banks, though they are not specifically

named, nor is the distribution of already graded tests between students. The Office's rules for academic misconduct apply primarily to the illicit acquiring or distributing of unadministered tests but do not address actions regarding already administered exams.

Students from several different fraternities and sororities on campus confirmed their organizations keep old tests in order to distribute to other members of the group. One student from a sorority, who asked to remain anonymous, said her sorority does keep a test bank in their house. She said she thinks it is an advantage for her sisters, but there is a fine line between keeping the bank and cheating.

"I think it could be helpful as a studying tool, but I could see how it is also kind of a form of cheating," she said. "I think it could go both ways."

As for whether or not professors hand back tests to students after grading them with the sole intention of those specific students gaining proper enrichment for future classes, she said she believes for the most part, teachers know what position they are putting themselves in. Most professors, she said, are not so naive that they would think their tests would not somehow make their way into other students' hands.

In contrast to Mason's thoughts, she said she has experienced classes where she knew the final exam would be the same exact exam that had been given to other classes during previous semesters, with no changes or alterations made to questions. She said she had seen that test being distributed among other students in her class.

A member of an on-campus fraternity, who also wished to remain anonymous, said his fraternity has a small test bank, but he thinks the use of test banks is a fair, proper utilization of study resources for students. He

also said it does not give students in Greek life an advantage over those who decide not to join fraternities or sororities, because other clubs and groups on campus keep test banks as well.

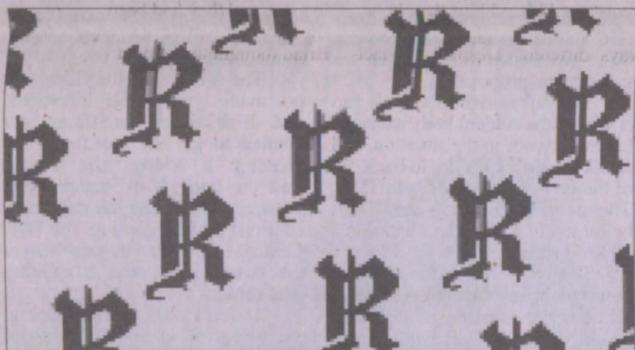
He said once a professor gives a test back to their class, the burden is then on the professor to change their test in order to prevent too much of an edge for students who get their hands on old tests ahead of time. He said he believes the majority of professors understand this and proceed to modify their exams accordingly, he said.

"I think the professors are encouraging students to use the test banks and give them out to other students so they can prepare for their tests better and get higher test scores, just by practicing more," he said.

Once the tests are passed back, he said, they become public information and should no longer be thought of as materials that facilitate cheating, but rather, as materials that assist future success without violating any ethics.

The sorority member said she does not think the university should enact restrictions on test bank collections, or even attempt to, as it would not garner any positive results. Instead of this, she said, the school should focus its efforts on making sure professors are not issuing carbon-copy exams every semester, which would reduce the impact of test banks anyway.

"It's kind of inevitable, it's been going on for so long that even if the university was to crack down on it, it goes on behind closed doors," she said. "They could try, because it is a form of cheating, but students will find a way around it. You don't need a formal test bank to share your tests with your friends. You're always going to look out for each other."



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Value of United States' air force debated by Kaufman, Cheetham

BY MATT BUTLER
Assignment News Editor

Two of the university's preeminent military minds debated the global importance of air power for an audience of ROTC students, highlighting the value of a strong airborne presence in today's world.

International relations professor Stuart Kaufman and Christian Cheetham, a lieutenant colonel and the chairperson of the Air Force ROTC on campus, went back and forth over the advantages and disadvantages of the United States' air force during the event, which took place last Thursday afternoon in Smith Hall.

Although both displayed differing views on many aspects, the main point they agreed upon was the importance of a strong air force. Both said the evolving style of war has made it so that air supremacy is the key to victory in almost any armed conflict, and wars can be won and lost almost solely based on the participants' aerial strategies and success.

In Kaufman's opening statement, he said air power has emerged as the dominant factor

in several world conflicts since World War II and has played a key role in famous American military operations, such as the Desert Storm operation during the Gulf War.

Most enemies do not want to engage the United States in a conventional-style war, as that would lead to the use of aerial warfare, he said. This fact has led to the rise in unconventional warfare, such as guerrilla tactics or terrorism, he said.

Kaufman said the one problem with over-utilizing aerial attacks is that it does not assist in international coercion, contrary to the beliefs of most Americans. The detached mentality of air power, in that a nation does not have to sacrifice any of its country's troops in order to achieve something, does not always work positively, Kaufman said.

"To understand why that doesn't work, think of it from bin Laden's point of view," Kaufman said. "That's exactly what he was trying to do on 9/11. He was sending a message to the United States [...] It didn't work because when you send a message like that, the recipient is more likely to get angry than

to get scared."

Kaufman used examples like the Vietnam War and even the first nuclear strike against Japan, after which Japan did not surrender, leading to the use of the second nuclear bomb. In fact, Kaufman said most of the only effective uses of aerial coercion are when the United States has attacked far weaker countries, such as Serbia.

Cheetham said he agreed with a large portion of Kaufman's sentiment, but, unlike Kaufman, Cheetham said air force can be a very effective foreign policy tool. He said air supremacy is the most important part of modern warfare, though the other arms of the armed forces, such as the Navy, Army and Marines, are also integral to a potent military.

As a counter to Kaufman's arguments, Cheetham said the Air Force can sometimes play the role of primer for ground forces, such as Desert Storm, in which Cheetham served.

Cheetham said from what he saw, the true battles of that historic operation were fought through the air, and by the time American troops physically arrived on the ground, the Iraqi

army's spirit had been broken. He said the armed force's biggest initial worry was dealing with all the surrendering Iraqi forces, a direct result of the Air Force's effectiveness.

"When you talk about shattering a nation's will, I saw it happen in Desert Storm," Cheetham said. "We couldn't get to them fast enough to let them surrender. I think that air superiority made that happen."

The two men then had a chance to rebut each other's opening arguments during the second segment of the debate. Kaufman said the problem with aerial attacks is that as opposed to intimidating the enemy, they only serve to inflame. Cheetham then said the technology with which the United States currently operates has made air power into an accurate, dominant tool that can be used in all aspects of international relations.

Afterwards, the audience was allowed to ask the participants a few questions. Primarily, the questions focused on the future of the military, and particularly the future of American-Iranian relations. Both men again touched upon

the coordinated nature that must be present in order for the military as a whole to work at maximum capacity.

"I encourage you always to think about not what can the Air Force do, but what can the Air Force do better with everything else that the U.S. has," Kaufman said. "It will end up making your job a lot easier, and theirs as well."

Capt. Tim Marriner, a member of the cadre of the Air Force ROTC on campus, said he was surprised both strongly agreed about the importance of the presence of air power, while the efficacy of the actual use of that same air power was a point of contention. Marriner said he agreed with the statements made by both men that the Air Force is at its best when it is used in conjunction with other parts of the military.

"From a military perspective, I think it is the most important aspect of it," Marriner said. "But I agree with professor Kaufman that it does need to be coalitions to accomplish the strategic objectives of our national power."

EDITORIAL



Keeping McDonough's legacy strong as UDance, B+ grow

Everyone knows the cause, one they've been working on for eight years now. Thousands of students work continuously to ensure the upcoming cause is better than the year before. Each individual connects to the cause in a different way, bringing together students from all different social groups, interests and backgrounds. The cause, UDance, is simple. It is a 12-hour dance marathon that takes place every spring to raise money to help fight childhood cancer. The entire community is brought together for this event and fundraising occurs year-round. What these thousands of students pass over in conversation is something much bigger than the cause—something much more miraculous.

Everyone knows about UDance, but very few people know how it got started. This is the essential element to the cause, the reason the cause even happens. Again, these students can explain the foundation behind UDance because they know the facts. UDance raises money for the B+ Foundation, created by Joe McDonough as a result of his son Andrew dying from cancer at an early age. Who was Andrew McDonough? Thousands of students are connected to the cause through their own personal

reasons, but it can be overlooked that Andrew is the person that holds everything together. Andrew is what put the cause into motion. Andrew was what the cause is.

It is easy to overlook a single person in the scheme of a big event such as UDance. In order for someone to be remembered after death, there must be people to keep the memories of a single person alive. Andrew's memory is continuously kept alive through his family and friends. Andrew's family and Chuck, Brian and Pat, three of Andrew's closest friends, always keep Andrew in their hearts. Through their personal connections and stories about Andrew, others are able to get to know an amazing person they never met but will forever know.

Andrew McDonough was the son Joe McDonough always dreamed of. He was the son that Joe wanted to be when he was a kid. Andrew was an honors student, the leader of the soccer team, hysterical, loving, strong in his faith and most importantly, big-hearted. After Andrew passed away, Joe received a letter in the mail from a mom of one of Andrew's classmates. Her son had come home from school one day so excited, and when his mother asked him why, he told her that Andrew

was the kickball team captain in gym class that day and had picked him to be first on his team. Her son had always been chosen last, so this was a special day for him.

"No one will ever remember who won that game of kickball, but that boy will always remember what Andrew did for him. Andrew not only gave that boy a gift, but he sent a message to his friends and classmates about doing the right thing and what is really important," Joe said.

Andrew had convinced Chuck to join the soccer team freshman year of high school in 2006 after becoming tired of it throughout middle school. The last game Chuck had played was the previous year in eighth grade when Andrew's team played against his in the Delaware state championships. Chuck had warned his teammates about Andrew prior to stepping onto the field because Andrew was competitive, and he was not going to play this game without putting up the best fight he could. Andrew's team won 4-0 that day. As Chuck and Andrew left the field together, Andrew credited one of the goals he scored to Chuck because the ball had actually hit Chuck's foot before going in. He never let Chuck live that down, but that was just

in Andrew's personality. He was persistent, he was dedicated and he was passionate.

One of Andrew's classmates could not afford cleats. Freshman year, both Chuck and Andrew were on the soccer team, and their teammate could not afford cleats. How was he supposed to play soccer without one of the necessities needed to participate in the sport? The next day, the boy had cleats. Andrew went out of his way to get this boy a pair of cleats so that he could play soccer and did not even think twice about it.

Pat would regularly receive phone calls to his house. Andrew was usually on the other line talking to his parents for a while before asking to speak to Pat. When Pat's parents would hand him the phone, the sounds on the other end were always different. Despite the fact that Pat obviously knew Andrew was on the other line from talking to his parents for the past five minutes, Andrew would use fake names and accents to pretend to be someone else before actually admitting it was just him asking a question about the homework due the next day.

"I always knew it was Andrew on the other end of the phone, but I just let him do his impressions because every time, I couldn't

help but smile," said Pat as a grin spread across his face. Andrew was extremely goofy and funny, but was also personable and kind-hearted.

It was January 26, 2007, and the boys were freshmen in high school. It started out as a school dance. It ended as a school dance. A few days later, it turned into the school dance. Andrew walked into the dance that Friday wearing a pink polo, smiling and talking to everyone as he always did. Every time that Chuck and Andrew interacted that night, Andrew would address Chuck by saying "Chaaaaalie Maaaavel." Brian and Andrew joked the entire night about a funny moment they shared in class the previous week. They had both laughed so hard in class to the point where Andrew was in tears, and they had been laughing about that moment all week. All Brian thought throughout the dance was, "I'm having a great time and I cannot wait to laugh even more with Andrew at school on Monday."

—Rebecca Jacobs
rtjacobs@udel.edu

This is an excerpt of a letter that appears in full online at www.udreview.com.

Officials should work to prevent reckless conduct rather than punish harmless behavior

The AEPi fraternity was recently banned from campus due to a hazing incident that occurred earlier this month. The event follows Sigma Alpha Epsilon's recent ban on pledging as an effort to combat hazing on campuses across the country.

While hazing is a visible problem on college campuses, the university should focus less on

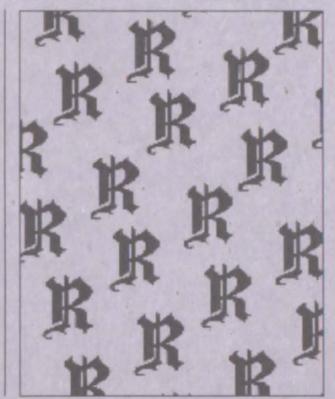
harmless behavior and more on the hazards of drinking, a greater problem associated with fraternities and party culture.

The decision made by SAE would encourage other fraternities to ban the pledging process in an effort to combat hazing. However, SAE's decision does little to rectify the harmful binge drinking that occurs at parties and often includes members who are underage.

The university recently established a new coalition to combat underage drinking on campus. While the effects of this new task force have yet to be determined, they will need to take a preventative approach rather than a punitive one to be successful.

Hazing is a cultural rather than structural problem. Banning an organization from campus or eliminating the pledging problem

will not solve the problem. Fraternities need greater oversight to ensure their behavior is not harmful to its members. In the meantime, the university should take a preventative approach to ensure the safety of its students rather than punish them for harmless behavior.



The university should consider student opinion when planning for dorms

Officials at the university revealed plans to close the Rodney Residence Halls next year. While tentative plans call for demolition of the complex, an official date for these plans has not been set. The announcement confirms years of rumors of the complex's imminent closure.

Officials have cited maintenance due to the complex's age as a main reason for its scheduled closure. Given the frequent leaks in the windows and roofs and problems with mechanical systems, it makes sense financially to close the residence halls, which were constructed in 1966.

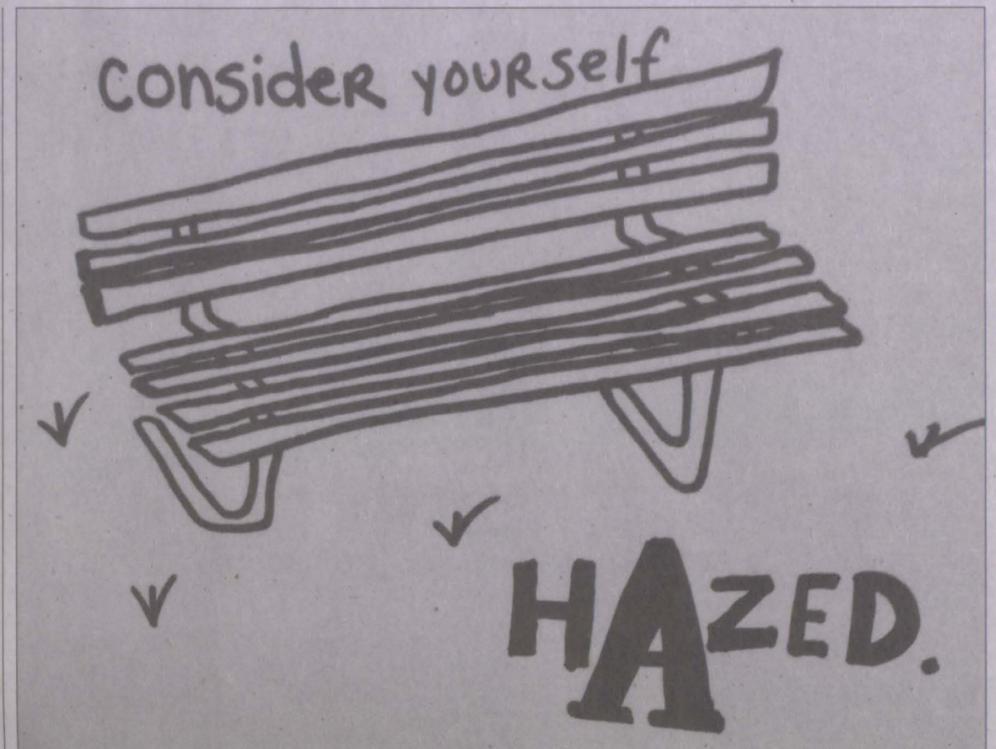
The university announced it will also close the Rodney Dining Hall, meaning residents on West Campus would have limited dining options. While it is understandable that the dining hall would be difficult to maintain for Dickinson residents, who would be the sole residents of West Campus, it is unfair to the students to severely limit their dining options.

We hope the university will

look toward the students when moving forward with plans for the residence halls. With the opening of Redding Residence Hall earlier this year, the university has ample opportunity to gauge student opinion of what works and what needs to be improved to better suit the needs of its residents.

Despite the apparent age of the Rodney dorms, students have had positive experiences while living in what many consider to be "social dorms," making 20 to 30 personal connections compared to an average of six connections at George Read. Many students agree that these connections are more important to the dorm experience than the amenities provided by newer complexes such as Redding Hall.

The experience of living in a dorm shapes one's experience at the university entirely. Students establish connections that affect their time at the university. The school should consider their opinions when planning for the future to ensure each student's experience is a positive one.



"Consider yourself hazed."

EMILY DIMAIO/THE REVIEW



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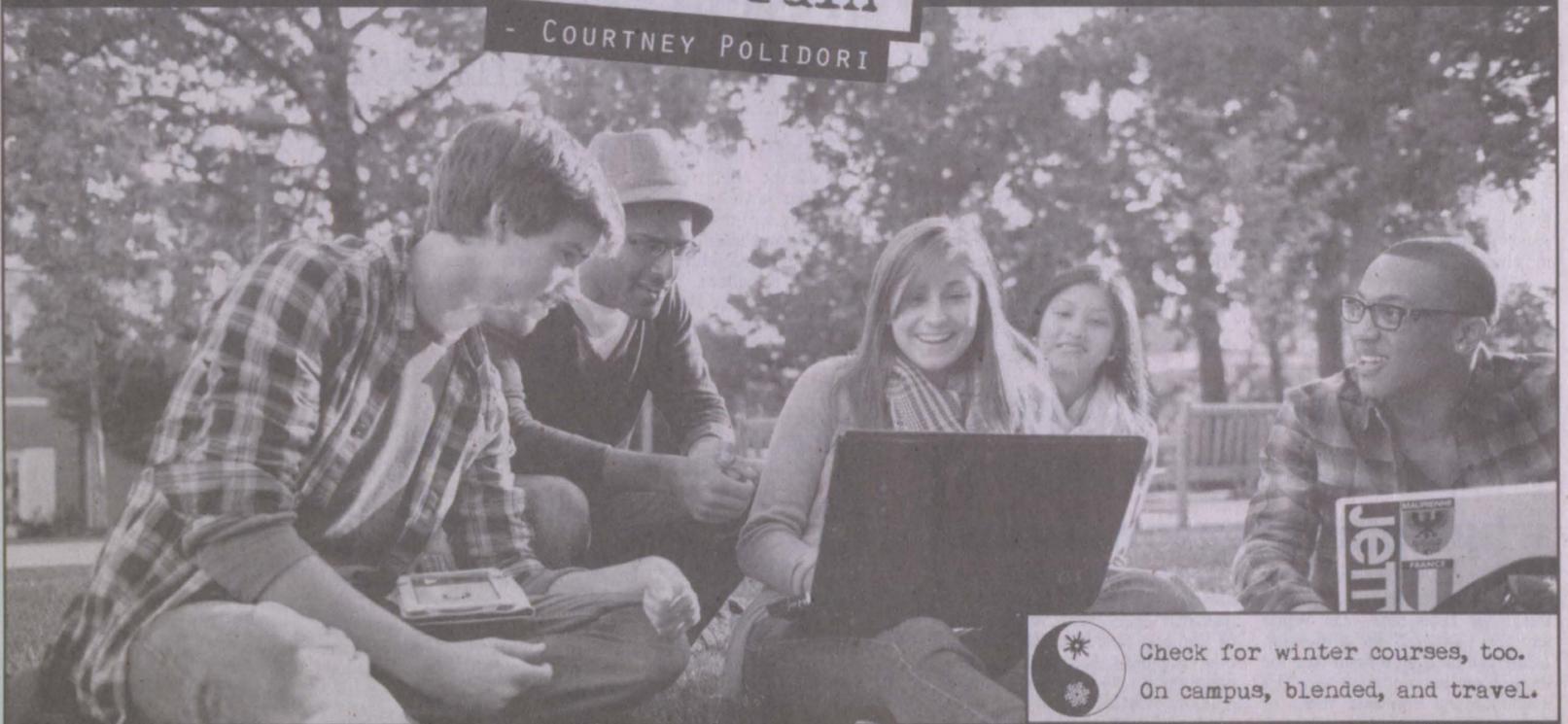


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THE COLLEGE OF NEW JERSEY



NCCL brings Newark Community together with its annual Kid's Green Fest

BY CHELSEA HAMILTON
Staff Reporter

A bicycle-powered smoothie stand served students, faculty and Newark residents on Saturday afternoon at the Newark Center for Creative Learning's (NCCL) annual Kid's Green Fest. This smoothie stand—activated by the pedaler, unlike ordinary electricity-powered stands—produced very berry smoothies as a testament to NCCL's focus in environmental sustainability.

The NCCL gave a new meaning to reuse, recycle, reduce this past Saturday. A variety of learning stands on how to be environmentally sustainable and efficient were set up.

"We wanted to put on an event that was kid-centered and activity-based where there was hands on experience and something for them to take away and bring home," says Sean Kerrane, a NCCL School fifth and sixth grade teacher. "It's also outreach for us as a school for people to know who we are. This represents our approach and philosophy, but also, I think it gives people something empowering to experience while they're here and take with them

afterwards."

NCCL's Green Fest certainly held up to Kerrane's desired outcome, he says.

"My favorite part about the event is that it brings everybody together," Maddie Heeney, 13-year-old NCCL student, says. "There's a lot of fun activities to do. What I just did is I blended my own smoothie while I was on a bike. It's really fun. We have school performances as well."

The university also set up a variety of stands to display the different ways people can better treat the environment. The stand, put together by the university's Department of Environmental Health and Safety's, displayed a model of a home and its landscape to show people a variety of ways on how to be more environmentally conscious in the decisions they make when they are home.

Jennifer Pyle, an environment and health officer in the department, gave attendees a tutorial of how their houses can be more green and make the environment healthier through a series of action steps.

"We are borrowing an exhibit

called The Eco House where the concept is if you have a green house or a greener style of house and change some of your choices, it'll ultimately keep the creeks and the bays cleaner," Pyle says. "The whole exhibit is looking at choices that you can make around the house."

The NCCL school, however, does not simply put on this annual event for show.

According to an NCCL press release, the school fosters 70 percent of its electricity from its solar panels, and, as a result, it is "one of the most energy-efficient schools, business, or institutions in Delaware."

The school's approach to teaching is also very unique because it focuses heavily on the environment.

"The environment is a core part of our curriculum," Heeney says. "We talk about it a lot like how to save energy and ways to just be greener while we're eating or turning off a light. Every day it goes into some sort of lesson."

NCCL also has a progressive educational technique to how it teaches, according to the NCCL press release.

"The main reason why we



SARA PFEFFER/ THE REVIEW

The Center for Creative Learning's (NCCL School) invites community members to join them rain or shine for a free, fun, family-oriented Earth Day festival at their annual Kids' Greenfest and Book Swap event.

consider ourselves a progressive school is we really put the kids first in terms of their interests, helping them figure out what kind of learners they are and a lot of what we do here is project-based and learning real-world applications," Kerrane says. "Our kids are very prepared for the 21st century, and they're getting a chance to do a lot of hands-on experience at the school."

Heeney says she feels NCCL students get a different outlook on the world and increased student-teacher interactions help them learn better.

Brian Sowards, the father of two NCCL students, says he truly believes there is no better place for his children.

"It's magical," Brian Sowards says. "It's fortunate because both my sons are bright and like most really bright kids, their challenges are not just in academic intelligence, but in emotional intelligence, and I have never been at a school that really treats both of those as equal areas of education. They have been the happiest we've ever seen them."



STOCK PHOTO

"Mean Lady" sings at Mojo Main. The establishment closed earlier this April after facing legal issues since 2013.

Newark loses its Mojo: third local establishment to close this year

BY IZZY TEKMEK
Staff Reporter

"Mojo was the only bar that would let us play," says freshman Nathaniel Kim.

Kim and fellow freshmen Brian Orlow, Zubin Hussain, Russ Israel and Hayden Richards created 5 O'Clock Fire in Redding Hall at the beginning of this school year. After approaching a slew of venues to perform live, most required a more distinguished resume the newly formed band could not muster.

"Homegrown and other bars asked for demo videos," Kim says.

After searching throughout Main Street, Mojo Main was the only venue that allowed 5 O'Clock Fire to perform. The band played there five times throughout the fall semester.

The band will have to find a new place to play, however, as Mojo Main closed its doors April 2.

The news was announced through Mojo Main's Twitter account which was later shut down by co-owner Jeff McKay.

The venue located on East Main Street would have had a run of four years in September.

McKay and fellow owner Jerad Shaffer opened the bar in 2010 out of what used to be the East End Cafe.

Those who still want the Mojo experience can head to Mojo 13 on Philadelphia Pike in Wilmington.

The business's closure coincides with legal issues the establishment has faced since 2013.

In May of that year, a civil suit was filed in the United States District Court of Delaware. The plaintiff was Broadcast Music Inc., a music rights organization that was founded in 1939. According to the suit, Mojo Main Inc. and its owners allegedly infringed on copyrighted songs.

Rob Lindgren, a musician and member of Revolution, I Love You understands the difficulty these sort of lawsuits pose.

"The restaurant was not making enough money to handle that sort of lawsuit," Lindgren says. "It's a shame Mojo closed down."

Lindgren also has a sentimental connection with Mojo

Main and the property.

He and band member Jason Reynolds began playing there in high school when the venue was still called the East End Cafe.

"I know the location well and it was always a musical venue," Lindgren says. "It was easy to get friends there."

Lindgren says the property improved when it became Mojo Main under Shaffer and McKay.

"The food got better and so did the doormen and bartenders" Lindgren says. "I will miss the scruffy punk charm of Mojo Main."

Mojo's closure also coincides with other Main Street Restaurants that have had to shut down or undergo new ownership.

Late night staple Main Street Sliders was closed down a year ago and replaced with Jimmy Johns Gourmet Sandwiches that opened just this year. Sandwich Town USA which recently opened in November on what was Boardwalk Fresh Burgers and Fries is another business that had to close for good last month. Sit-down all day breakfast joint IHOP stopped making their signature pancakes this March as well.

Mojo Main is the third local on Main Street to cease operations this year.

Mojo's closure has affected performers in particular.

"Mojo Main was the only place we would play in Newark, it forces us to try new places out," Lindgren says.

Revolution, I Love You was scheduled to perform Saturday April 11th at Mojo Main.

Lindgren and Reynolds will continue to play venues in Wilmington like 1984 and The World Cafe Live.

Kim and 5 O'Clock Fire are still performing live, but only at house parties. Without the stage once offered by Mojo Main, 5 O'Clock Fire does not have any gigs scheduled on Main Street.

Kim appreciates Mojo as an avenue that allowed a youthful group of musicians to exhibit their passion.

"What was nice was that they were less renowned, it provided us with opportunity," Kim says.

Lindgren says he will miss Mojo and hates to lose a small live music venue on Main street.

"We need a good, not a classy rock venue," Lindgren says.

"We are here to bring the art to everybody" Jiu Jitsu club shares insights, aims

BY KEITH EVANS
Staff Reporter

If you are to walk past the glass windows of Perkins Gallery on a Tuesday evening or a Sunday afternoon, you will see students grappling, as they flip each other over, battle for positions and look for submission holds to finish their opponent.

While this may look like wrestling, the students are actually practicing Brazilian Jiu Jitsu. Brazilian Jiu Jitsu originally comes from judo, a Japanese grappling martial art based on using leverage to throw the opponent to the ground. Wrestling is known for its use of being on top to show dominance over the opponent while Brazilian Jiu Jitsu teaches how to be effective both offensively and defensively from a bottom position.

Brazilian Jiu Jitsu has spread from its roots in Japan to a club at the university, called University of Delaware Brazilian Jiu Jitsu (UDBJJ). Formed in 2011, the student-run organization demonstrates its 100-year-old history to around 15 to 20 students per week. The sport is designed to show that the smaller participant can beat a much larger opponent in grappling, as well as defending while on a bottom position.

Senior James Carlucci, president of UDBJJ, says there's a strong mental component to Jiu Jitsu.

"The way it is always described as is 'human chess,'" Carlucci says. "The big difference is that a lot of martial arts—like in wrestling

and judo—is push push push, and the whole thing that emphasizes jiu jitsu is to go with the flow."

Patience is key when it comes to Brazilian Jiu Jitsu, biding your time and waiting for the right moment to make a move is vital in this sport, making it distinct from other grappling sports, Carlucci says.

Garnering interest to get people to join has not been difficult for the club, as they arrive at every activities night event and always get signatures. The first class this past fall had 59 people, but it now fluctuates every week. The fact that Jiu Jitsu looks very different from other sports is what gets people intrigued to give it a try, Carlucci says.

"We realize we don't have a wide audience like football has," Carlucci says. "Kids will come up to us and say 'Oh, I never tried this before, can I join?' and that is what we are here for. We are here to bring the art to everybody."

Senior Michael Cooke, secretary of UDBJJ, first found out about the club when he came upon a poster advertising it during his sophomore year.

"I submitted some really big kids," Cooke says. "One was a kid who looked like he was a big wrestler, really big and muscular, and I submitted him in three seconds."

Brazilian Jiu Jitsu is a sport for people of all sizes. Being a large and powerful person is not required to succeed, and that is what makes the martial art different from others.

The club starts off with some stretches, warm-ups and drills, followed by basic

techniques and submissions from various positions with some sparring matches at the end, says Junior Aidan Cooper, vice-president of UDBJJ.

Although the club mainly has males, women are always present at practice as well, Cooper says.

"We'll almost always have at least a few girls, there is never really a practice where there isn't at least one female present," Cooper says.

Once Carlucci graduates at the end of this semester, Cooper will take his role as president and hopes to evolve the club a bit more by adding other activities besides practicing and teaching techniques.

"We are definitely trying to get people that are in the club to compete in competitions," Cooper says. "We didn't get a chance to set it up this year but we want to do a tournament here of our own as a fundraiser for charity."

With its 100 year-long history, the sport has come a long way and has gathered interest from people in all corners of the globe, with grappling competitions being hosted in multiple countries in North America, South America, Asia and Europe.

The sport's universality, Carlucci says, is due to its accessibility and people's interest.

"I've never seen someone come in and give it a try and say they didn't enjoy it," Carlucci says. "Even if you want to come and try it because it sounds weird, just give it a try and I promise you will find it interesting."



BRAEDENQUINN.COM

Braeden Mannering poses in front of the White House after being invited there on behalf of his organization.

BY NICOLE SULLIVAN
Staff Reporter

Amidst the summer rain on a July afternoon last summer, Bear, Del. native Braeden Mannering spotted a man standing on the side of the highway on which his mother was driving. It was a man who had no car to drive home in and neither a shelter to retreat under nor an umbrella to his name.

Holding a sign and grasping a cane, the man was someone he had never encountered before, Braeden Mannering says, and his homelessness was at first unimaginable.

When the family returned home after seeing the man,

10-year-old CEO tackles food insecurity issues

Braeden Mannering disappeared into his mother's bedroom and returned with a recyclable canvas tote.

He then searched through the stocked pantry, retrieving a water bottle, fruit snack packs, a bag of chips and a granola bar, placing them in the bag. Completing his food hunt, he then found an umbrella, eventually turning to his mother and asking to return to where the homeless man had stood, said Christy Mannering, Braeden's mother.

Apprehensive but understanding, Christy Mannering says she drove across the highway to the stranger's designated area. She parked the car on the side of the road and watched her son as he approached the man with his homemade portable pantry.

"It made me feel happy because he seemed to like it and was already eating the snack as we drove away," Braeden Mannering says. "It felt really good."

Christy Mannering says she noticed how much that moment touched her son.

"That one person that one time was all he needed to want

to do it for everybody," Christy Mannering says. "But he decided that he was not going to just give them food, he was going to give them something healthy."

It was then that Braeden's Brown Bags, or 3B, was formed, she says. The organization aims to provide healthy food options to those facing food insecurity, Christy Mannering says.

One in six Americans struggled with hunger in 2012, and more than 48.9 million people—15.8 million of them children—lived in households struggling with hunger, according to the Food Research and Action Center (FRAC).

It was also determined that 17.1 million Americans experienced food insecurity, which is defined as a person's limited and reliable access to nutritionally adequate foods, the FRAC says.

In Delaware alone—120,020 people—were found to be experiencing food insecurity during 2011, according to the study.



KIRK SMITH/THE REVIEW

Students and community members bid on donated artwork at a silent auction Thursday night. Proceeds will help fund wells in Tanzania through the The Water Project RSO.

Silent Art Auction helps fund water project in Tanzania

BY BETSEY COULBORN
Staff Reporter

While some university students question local water quality from snow removal chemicals, one student turned his focus 8,676 miles away to the Eastern coast of Africa.

On Thursday, the Art of Water silent art auction, hosted by RSO The Water Project, took over the Rodney room in the Perkins Student Center. Students and community members alike shuffled from one table to the next, gazing intently at photographs, paintings and homemade goods from local artists. The reverberations of acoustic guitar sets played gently in the background as attendees wrote down their highest bids.

Proceeds from the silent auction will be used to design and build water purification systems in Tanzania.

Junior James Leitner, a Water Project member, says he became passionate about water insecurity in Tanzania through his work with the non-profit Philadelphia-Serengeti Alliance. The alliance builds easy-to-maintain water wells and raises awareness of water insecurity issues.

"Over a billion people in the world don't have access to drinking water," Leitner says. "Most people don't know about it and it's in our backyard. Waterborne diseases are the number one killer of kids in developing countries."

Leitner says The Water Project targeted Tanzania not just because of his personal work with the Serengeti Alliance, but because the country has one of the worst water insecurity issues in Africa.

The projected cost for a water well is between \$7,000 and \$8,000 dollars. Leitner says volunteers are currently in Tanzania working on a well project and testing the water quality for safe consumption.

The silent auction proceeds will go toward helping them finish the project.

"Once [the volunteers] get the funds from this event, they can build the project," Leitner says. "The water well they're designing is a simple well, so if parts break they're easy to get. I want to reach about \$10,000 in total—not just from the event—as a cushion in case anything goes wrong during the building process."

Leitner said just under 100 attended and just under \$1,000 was raised.

While the Water Project has organized other water awareness events in the past, this is their first silent auction, Leitner says. Leitner provided a behind the scenes look into how the event came together in just six months.

"I started with the idea over winter break," Leitner says. "I ran it through the e-board, passed it, made a room reservation, got equipment for the live music and spent a month emailing the art community of Newark and the university to get donated pictures."

Art submissions ranged from drawings of zebras to handmade dream catchers. Photography, however, made up the majority of donated pieces. Leitner says the difference in numbers is because everyone has a camera, but not everyone has a paint brush.

Junior Tara Dubin says she contributed two designs to the silent auction that she drew with Sharpies. She says she found another artist's drawing of multicolored elephants stuck out to her the most.

"I'm really into elephants because they live for so long and have so many memories," Dubin says. "Plus, I love the color of the drawing."

Marketing for the event was done by Junior Aidan Leddy, an executive board member for The Water Project. Leddy says he utilized his membership in Alpha Phi Omega, the co-ed service fraternity, to get the word out to

a variety of people and to recruit volunteers. Leddy says he was also in charge of contacting local musicians to play during the silent auction. The live music at the event included solo and group performances. Leddy's band, Commonwealth, also played an acoustic set.

Leddy says it's important to learn about water quality because most people take water for granted.

"Poverty in this country isn't comparable to over there and people overlook the issues abroad, myself included," Leddy says. "The whole idea of being able to wake up and get in the shower is taken for granted by people. There's people like James trying to help out and do their part, but at the end of the day it's two totally different worlds."

In addition to raising awareness about water insecurity and providing safe drinking water to Tanzanians, Leitner says he hopes the event created a more close knit community at the university.

"I really hope I can build more of a community for the art community at UD," Leitner says. "I hope to intertwine people who come to the event."

He says he hopes to curb some of the common misconceptions people have about drinking water. Leitner says most people take drinking water for granted and don't realize where it comes from or how what we do affects it, like salt from snow removal.

Leddy, on the other hand, says he hopes university students will remember the reasons behind the Art of Water event for years to come.

"If people start thinking about it, hopefully kids here will be successful in a few years and if they're still thinking about it, they can help," Leddy says. "If you think about the global problem instead of your own finances, you can see change."

MANNERING: 'IT MEANS A LOT TO GIVE PEOPLE HOPE TO AND GIVE THEM WHAT THEY NEED TO SURVIVE.'

Continued from page 9

When a teacher at Keene Elementary School in Newark handed out flyers to the students advertising a nationwide contest called

The Healthy Lunchtime Challenge, students were given an opportunity to use creativity to develop a cafeteria recipe.

Mannering was set on developing an award-winning meal, he says.

Organized by first lady Michelle Obama, the U.S. Department of Agriculture, the U.S. Department of Education and the online food site Epicurious, the challenge has students cook a healthy, affordable and tasty meal that would be served in school cafeterias.

Limited in his own choices of food as someone with fructose intolerance, Braeden Mannering created "The Tortilla Bowl Deluxe." The dish included a corn tortilla bowl filled with shredded chicken, lemon, salt, pepper, avocados, red peppers and lactose-free cheese.

"The Tortilla Bowl Deluxe" was up against 1,300 other recipes created across the country. After winning the contest in Delaware, Braeden Mannering was sent in July to the White House to represent Delaware at the Kids' State Dinner.

Winners from all 50 states along with students from Washington, D.C., Guam, the Virgin Islands and Puerto Rico also attended the event.

Seated in the ballroom of the White House at the head table with the First Lady, Braeden Mannering was placed directly across from Michelle Obama, he says.

"I wasn't nervous really," he says. "It was just very exciting to see her."

President Barack Obama also came around to all of the tables to talk to each child and shake their hands, Braeden Mannering says. With his arm around Braeden Mannering, the president congratulated him on winning and told him he would have loved to try his dish for lunch.

"I thought it was very cool," Braeden Mannering says. "I thought, 'Wow, I'm really looking at the president right now!'"

At one point, Michelle Obama asked how he would "pay his experiences forward."

Braeden Mannering says did not know in that moment exactly how he would try to impact the rest of the world. But as the Mannerings traveled through Capitol Hill, they continuously saw people that were less fortunate than them. Christy Mannering says Braeden felt the urge to give away his souvenir money to these populations.

"It was a difficult conversation for me to explain to Braeden that it would be better to give them something other than money," Christy Mannering says. "Something that they would use to help them, because sometimes people don't use money in the best way."

With his mother's advice and Michelle Obama's words still ringing in his ears as he arrived home, the pieces finally fell together, he says.

Braeden's Brown Bags has impacted community members, including university students.

For senior Kyle Rodkey of Alpha Phi Omega (APO), a co-ed service fraternity at the university, 3B has been a great organization to work with, Rodkey says.

As philanthropy event coordinator, Rodkey organizes events and fundraisers for 3B, Rodkey says, including a major packing event during November.

After holding a food drive for the bags, 70-80 APO members set out to unbox the food, and assemble all the items into the bags. Once completed, Braeden Mannering then put his original stickers with the 3B logo on the front. A total of 250 bags were created that day, doubling the amount Braeden was able to make on his own until that point, Rodkey says.

"In previous years, our philanthropy events have been popular," Rodkey says. "But this year, you see people get happy when Braeden's name is mentioned and are excited to come and work with him."

Part of Rodkey's job is to organize one major philanthropy event and donate all proceeds

made to their designated organization, he says. To accomplish this task during the spring semester, APO will host a 5K Walk/Run on April 27 open to all University of Delaware students and faculty, as well as the general public.

Braeden Mannering says never anticipated help from an organization as campuswide or interested as APO.

"I was really nervous because of how many people were at the first packing event," he says. "I'm thankful that they're helping me because since it's hard to pack so many bags at the same time."

Christy Mannering is also amazed by the work APO has accomplished, she says.

The Mannerings also completed a grant application through DoSomething.org, a large nonprofit organization that offers community action grants to young citizens aspiring to create social change.

It is through these grants that they can turn "dream projects into a reality and take existing projects to the next level." After reviewing his application, DoSomething.org allotted Braeden \$500 to create his bags.

Braeden's Brown Bags is an officially recognized corporation in the state of Delaware, with Mannering assuming the role of CEO. Along with the help of volunteer efforts and his family, the simple lunch-style brown bags are all filled and donated to various soup kitchens and homeless shelters throughout the state.

"I have the regular bag which gives them a water bottle and three healthy snacks," Braeden Mannering says.

These healthy snacks include granola and Nutri-Grain bars, Vitamin C fruit snacks and pretzels, he says.

"There is also a winter bag which is the same thing as the regular bag, but they come with warm clothing," he says. "Another type of bag we make is the kid bags, which have a smaller bottle, three snacks, a book, and sometimes a toy if we get them donated by people wanting to help."

His last bag, or what he calls the "workforce" bags, include the food and water, but are also filled with toiletry items, such as travel sized toothpaste and deodorant, important for those looking to get back on their feet and reenter the workforce, he says.

Each bag also contains an information pamphlet which contains the names of places to turn to for families and individuals in need, he says.

Once filled and ready to be distributed, the Mannerings deliver the bags to different shelters and dining halls in Delaware. In order to build connections and relationships with those he donates his bags to, the duo personally delivers and distributes the bags to each recipient at the various locations.

The Mannerings have only high hopes for the future of Braeden's Brown Bags. In December, Christy Mannering filed for tax-exempt status as a 5013c classified organization.

Should the IRS approve their application, Braeden's Brown Bags would officially be a registered not-for-profit organization in Delaware. The IRS has three months to determine the status and notify the Mannerings, so for now they are simply hoping and waiting, Christy Mannering says.

But for Braeden Mannering, his focus still lies within helping people right now.

"It means a lot to give people hope to and give them what they need to survive," he says. "I just want to reach as many people as I can."



EVERYDAY RUNWAY YOU'VE GOT TO FAKE IT UNTIL YOU MAKE IT

Spring break came and went in a blink of an eye. And now with only six weeks left of school, it's not exams or papers or projects that's on our minds, it's how to keep looking tan.

Until Delaware decides to stay consistently warm and dry, those of you who object to a tanning bed may wave goodbye to the tan you acquired over break. Though tanning beds have benefits such as reduced PMS

symptoms, clearer skin and reduced stress levels, the fear of melanoma plagues the backs of our minds.

As a way to avoid tanning beds, invest in a fake tanner. According to my beauty-product fiend roommate, Fake Bake Flawless Self-Tanning Liquid is the best of the best. For \$25 you get a rubber glove, the tanning product and a professional mitt that allows for flawless and even application. An added bonus: the product is fast-drying and won't transfer to any of your clothes throughout the day.

Another instant self-tanner is brightening those pearly whites. I know it's difficult to resist those necessary cups of coffee in the

morning, and now you don't have to worry about giving up the caffeine in order to have white teeth. My favorite product is Crest White Stripes Vivid. For 30 minutes over 12 days you apply the white strips, and let it work its magic. So while you're watching the newest episode of "Mixology" or writing a paper, you are simultaneously working on brightening your teeth and intensifying the illusion of a tan.

And while we're on the subject of teeth, let's talk about foods you can eat to help create a natural tan. According to the Huffington Post article "Eat Your Way To A Natural Tan With These Foods (Yes, Really!)," foods like cantaloupe,

sweet potatoes, carrots and tomatoes contain the antioxidant carotene which warms your skin tone. Eating spinach and kale, which contain beta-carotene, also affects the appearance of a tan. The article suggests increasing consumption of olive oil because even though it doesn't make you look tan, it increases the skin's moisture levels to make the skin look healthy.

After the fake tanner and teeth whiter have been applied, and carrots and sweet potatoes have been consumed, it's time to pick the perfect outfit that'll intensify the appearance of your tan. Honestly, you can wear any article of clothing—it's the color you choose

that's important. White and vibrant colors like hot pinks, bright oranges and fluorescent purples should become your best friend until it is consistently 70 degrees in Delaware. These bright colors reflect off your skin, increasing the appearance of a tan.

Even though these tips don't give you a real tan, just remember that sometimes you've got to fake it until you make it.

—Madison Fertell
mfertell@udel.edu

The views reflected in this column do not necessarily represent those of The Review.

Triathlon club members compete in national championships

as planned for some. Freshman Kevin Calzavara fell victim to two flat tires during the bike, the second leg of the three-part race. Equipped with only one spare tube to repair a flat tire, he had to wait for a repair truck to help fix his bike.

Despite the hardships, Calzavara said the overall experience was positive.

"I did meet a very nice police officer," Calzavara says. "Honestly, I was just looking for the experience."

In addition to the four athletes, junior Andrew Kuczmarzki attended the race to support the team, filling in for senior Sara Mitchell, who was unable to race due to an injury.

Kuczmarzki joined the club last year after completing his first triathlon the summer before his sophomore year. He says he had little preparation for the race and competed with a mountain bike rather than a more aerodynamic road bike with which triathletes usually compete.

After falling in love with the sport, Kuczmarzki says he is taking a break from competing after finishing a heavy race schedule last fall.

Like Kuczmarzki, Barth says she was drawn to the inclusive culture of the sport.

"You pass someone and they'll say 'good job,'" Barth says. "It's not something you see in every sport, and I just fell in love with that."

Preparation began long before the race began, says Barth, who spends about eight hours per week writing workouts and preparing the team for races. She also coordinated and planned the trip to nationals.

"My mother would hate that I say this, but sometimes I have to put it before school," Barth says. "That's how much it means to me."

The athletes struggled to train

during the harsh winter and were often required to practice indoors, Barth says, a difficulty that proved challenging when competing against schools from warmer climates.

"I would have felt better having another month of training, but I think anyone feels that way before a race," she says. "It would have been nice to have nicer weather and to have been able to get out and do a track workout, but I was happy with my times and I felt strong in the race."

Despite the difficulties training, Kuczmarzki says the athletes were eager to race.

"You have two choices," Kuczmarzki says. "You can reflect on your training and wish you had done more or you can look back on your training and say I'm ready."

The athletes have developed strategies to cope with the physical and mental demands of the sport that can often intimidate competitors.

"If one negative thought runs into your head, it will shut you down," Kuczmarzki says. "There are times when you think, 'I just want to walk.' You're tired and exhausted and you think 'Why not?' but then there's something in the back of your mind that just says 'Keep going.' That's also what's interesting when you see these mentally tough people. It's unbelievable."

The team competed against schools with more than 30 members, including the top-ranked University of Colorado, which, according to race records, placed first for the men's team competition for the fifth consecutive year.

The university's club, which was founded in 2011, has grown to 25 members, who can pay either training or competitive dues depending on their preference, Barth says. Members who pay competitive dues, including the four athletes who

attended nationals, are encouraged to attend every practice and compete in collegiate races, while members on the training track are offered greater flexibility.

This is the first year members have raced collegiately, which Kuczmarzki says would not have been possible without the help of Barth, who functions as a collegiate representative for the club.

Members who pay competitive dues receive 50 percent reimbursement for each race, which Barth says is incentive for members to race collegiately, while members who pay training dues receive 25 percent reimbursement for their first race.

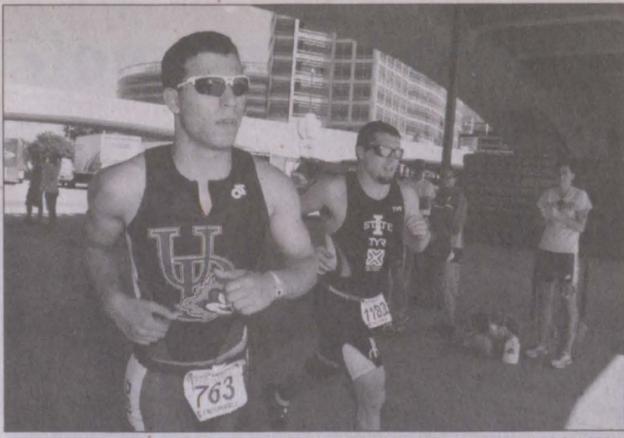
"It is kind of designed to fund for the people who want to be really serious about it while including everyone in it because we want everyone of every level to be involved," Barth says. "It's really just a fun atmosphere."

Kuczmarzki says the sport is a lifestyle and believes it is important to practice small skills in order to gain confidence.

"It's about learning life skills," Kuczmarzki says. "It's about learning how to approach things. The people it attracts are dedicated and disciplined. They're down to earth people. They love the sport. I've learned a lot from them, and I hope they've learned some things from me as well."

Triathlon recently became an NCAA emerging sport for women, with several schools creating a program for the fall. While Leppla says she doesn't think Delaware will create a program in the near future, the team is looking to increase their membership and see the sport further progress.

"It's unlike any other sport," she says. "You just have to get out there and try it."



COURTESY OF ANDREW KUCZMARZKI

Freshman Kevin Calzavara run to the finish in his first triathlon in Tempe, Ariz. (foreground). Freshman teammate Tess Walter cheers him on (background).

BY KRISTEN TAYLOR
Editorial Editor

From positive thinking to personal mantras, the triathletes all had their own techniques to help tackle the race comprised of swimming, cycling and running.

Four members of the university's triathlon club competed in the 2014 USA Triathlon National Championship last weekend in Tempe, Ariz., marking the first time members have competed at the event in the club's three-year history.

Sophomore Austin Barth achieved her goal to place in the top quarter of the women racing, finishing 110th out of 451 competitors with a time of 2:21, according to race records.

"In December or January, I decided I wanted to go under 2:30, and I had no idea whether or not I'd be able to do it," says Barth. "That was a really far-reaching goal for me, and I was really nervous coming into it, but I'm happy with my performance."

Junior Alyson Leppla placed 256th with a final time of 2:34. Leppla says she was a member of

the women's varsity track and field team before she decided to follow her sister's lead and try triathlon.

Leppla finished with a personal record in both the run and swim, the latter of which she says is the most difficult discipline of the three.

"The hardest thing about the swim in a triathlon is that it's in open water," says Barth, who swam in high school. "It is really different than swimming in a pool. You just have to stay calm and just get through it."

While the members of the club vary in experience level, freshman Tess Walter had raced in several triathlons prior to joining the club. However, the Olympic distance consisting of a 1500-meter swim, a 40-kilometer bike and a 10-kilometer run was a first for the freshman, who had previously competed in sprint triathlons, consisting of a shorter 750-meter swim, a 20-kilometer bike and a 5-kilometer run.

Walter, who finished 190th with a time of 2:28, says she focuses on thinking positively and takes time to visualize the entire race while waiting at the start line.

While the athletes are proud to have completed, the race did not go



RACHEL IBERS

DINNER TABLE SCIENCE

BLUE BLOOD

I spent spring break down at Slaughter Beach, Del. Away from the boardwalk, outlet mall, bar-heavy Rehoboth, Slaughter is a little bit in-the-middle-of-nowhere for some people's taste. While it was a pain to drive for 20 minutes to stop by the grocery store, a chance to commune with nature was just what I needed. The house we rented was right on the bay, and the tide in the bay goes way out this time of year.

At low tide we could walk for probably 40 yards out, the water never reaching higher than our ankles, and look at what it had left behind. Snails, crabs, clams and lots of seaweed were the main things, but we also saw sandpipers, seagulls and blue herons. There are cool rocks, large chunks of coral and big intact shells just sitting in the sand, waiting to be taken home as beach treasures. But the main thing we saw this week at Slaughter Beach was horseshoe crabs. It's not the time of year that they come up on shore to breed, so I only saw one that was alive (I flipped him over and he ran back out to sea)

but their shells and tails are scattered all over the beach—high tide or low.

Horseshoe crabs are a living fossil, a symbol of Delaware, an important link in the local ecosystem, and surprisingly, they are a key element of the FDA's screening process.

In one of my previous columns, I talked about how ancient an animal the horseshoe crab is. Horseshoe crabs evolved as early as 450 million years ago (pre-dinosaurs!) and have changed very little over the years. This doesn't make them primitive—it makes them well adapted. The horseshoe crab is so well suited to its environment and its lifestyle that it hasn't been under the pressures of natural selection and has remained nearly identical for 450 million years. If that doesn't make these crabs badass...just wait, the next paragraph will.

Horseshoe crabs evolved before most vertebrates did and are therefore very different than most animals you've learned about. Horseshoe crabs don't have hemoglobin (or iron) in their blood like we do—they have hemocyanin (copper). Their blood isn't red, it's blue, because of the copper. Their blood also contains Amebocytes, which are similar to our white blood

cells and protect the crab from bacteria.

Since the crabs are bottom crawlers, all of the chinks in their shells and armor allow a lot of dirty water to come into contact with their bloodstream, and they've had to evolve a very rigorous immune system. The blood is an extremely good detector of endotoxins (substances secreted by pathogens) and clots immediately when it comes in contact with them—stopping the fungi, bacteria or virus from traveling any further in the blood stream.

The compound in their blood that does the clotting is called Limulus Amebocyte Lysate (or LAL) and has become a highly valued commodity in recent years. A quart of the blood is worth about \$15,000 on the world market, and the LAL industry has a gross of \$50 million annually. The FDA uses LAL to test every new drug for toxins, and surgical implants are almost always screened with LAL. We haven't figured out how to manufacture LAL on our own yet, so it still comes straight from horseshoe crabs (the \$50 million dollar industry impacts about 250,000 horseshoe crabs a year).

The good news is, they don't

die for their contribution. LAL manufacturers report that the mortality rate for the crabs is less than three percent. The crabs are gathered up, bled for a few hours, allowed a small amount of time to recover, and then dumped back in the ocean. It's about the same impact to them as giving blood is to you or I—we feel weird for a little while but then our bodies make up for the loss and we go back about our day.

As much as this seems like a low-impact, win-win situation, some scientists are concerned. Horseshoe crabs are a major part of the Delaware tidal flat ecosystem. The eggs they lay each year singlehandedly support huge populations of migratory birds that make one stop and one stop only—a stop in Delaware that is perfectly timed with the arrival of the horseshoe crab eggs. Some of these birds are endangered, and keeping the crab populations stable will have a trickle-up effect for all of these bird populations.

Some LAL manufacturers gather crabs during the breeding season, when they're close to shore and easy to find.

Chris Chabot, a neurobiology professor at Penn State University says he studies the effects of

bleeding on crabs.

"If the biomedical industry could delay the blood harvest, it would probably help these animals," he says.

Chabot says if they were collected after the breeding season, they'd have plenty of time to recover and fatten up to survive the winter and breed again in the spring. The egg numbers wouldn't be impacted, and the crabs wouldn't be disrupted during their most vulnerable time of the year.

Other scientists say giving the crabs more time to recover before they're released, making sure to tag the crabs so they're only bled once a year, or taking great care to release a crab where it was found could make a huge positive impact on the crabs' way of life. Making these small changes would allow a multibillion dollar industry to continue keeping our pharmaceuticals safe from toxins, while reducing our impact on the naturally occurring ecosystem—doesn't that sound like the best of both worlds?

—Rachel Ibers
eyeburz@udel.edu

The views reflected in this column do not necessarily represent those of The Review

Engineer and model turned painter speaks on artwork displayed in Memorial Hall

BY ROSIE BRINCKERHOFF
Staff Reporter

Poetry, engineering, modeling, art and psychology: To the average person, there may not be an immediately obvious correlation here. However, to Chris Malcomson, self-proclaimed "maker," this correlation makes perfect sense.

A former engineer who assisted in the rebuilding of the St. Thomas Hospital in London, Malcomson, 78, is an abstract artist based in Philadelphia who draws inspiration from various disciplines and sources. Malcomson spoke to a small crowd Thursday at the university, hosted by the English department, discussing his career, paintings, inspiration and life journey. He quoted poet Antonio Machado, Shakespeare's "King Lear" and some of his own original poetry to set the tone of the importance of risk and creativity in art. Despite the presentation displaying his colorfully painted canvases, he opened by telling the audience he is not really an artist.

"I'm a maker, and in my life I've made quite a lot of things," Malcomson says. "What I'm

hoping to leave you with is the idea of how much painting means to me, and to inspire you to be creative, if you're not already."

Malcomson says his life has been an interesting journey. He started as an engineer in London, spending his days working constantly with paper to illustrate building plans and drawings. He worked with architects for 27 years, watching the process of seeing how a building develops, he says.

When the London job market became stagnant in the early 1990s, Malcomson, like many other London citizens, was laid off and took to painting peoples' walls to pay his bills, he says. After a friend suggested that he try modeling, Malcomson modeled for three years before realizing he had "simply had enough" and was ready to pursue something more meaningful, he says.

"You can pick things up whenever you want to, you don't have to start at 18," Malcomson says. "I started to paint abstract at Chelsea Art School, then got a studio, went to an artist residency, then moved to the States."

Malcomson showed the

audience photographs of his naturally lighted studio in Philadelphia, which he recently closed and sold. He needed a home for many of his paintings, and decided to donate a large series to the English Department in Memorial Hall, he says. Malcomson says he works with canvases of all dimensions, some as big as 62-by-66 inches, and some as small as 4-by-3 inches.

Malcomson says he greatly enjoys playing with color. He says he strives to make his paintings translucent so light can come through and add a new dimension to his work.

John Ernest, professor and chair of the English Department, says Malcomson contacted him to ask whether the department would be interested in housing his paintings. Ernest says he was deeply grateful to Malcomson for his donation, and the English Department warmly received the new paintings that have adorned the walls in Memorial Hall for the past year.

"I've heard only positive and enthusiastic responses," Ernest says. "Everyone seems to love the color they bring to Memorial, as well as the play of perspective as you discover a painting down the hall or around the corner."

Malcomson says he is very much influenced by Henri Matisse, whose work inspired him to try and reduce things to the absolute minimal so that the simplicity of the content can clearly come through.

He pulled a black notebook from his pocket, filled with photographs, poems and drawings, saying the work in the notebook was not terrific but was fun for him to do. He says carrying a notebook lets him record the "treat of being somewhere" and allows him to capture the beauty of being in the moment. Art, he says, is really about learning how to look at things.

"Ideas don't stick around," Malcomson says. "You forget them and so it's important to write things down. I value and enjoy the art of preparation, playing with ideas and clearing an internal space to try and get more centered."

Olivia Prinzi, a junior visual communications major, says she felt refreshed after listening to Malcomson's presentation and viewing snippets of his work. Prinzi decided to attend the presentation to find inspiration and a new perspective for large-scale paintings, which she is currently working on in professor Virginia Bradley's Drawing Approaches class.

"The talk was eye-opening

and I'm really glad I came," Prinzi says. "He's done so many different things with his life over the map, and nothing was ever the end-all-be-all for him. He's just done and continues to do so much."

Prinzi says she appreciated the subtle yet abstract tone of Malcomson's work and found it really interesting to see the man behind the work.

"He's really good at inspiring you to stay simple and to stay true to yourself, who you are and what you love," Prinzi says. "I loved when he said that part of the journey of life, which isn't always easy, is just coming back to yourself in the end."

Ernest says he was very happy with the crowd of engaged students and faculty who showed up for the presentation. He says that Malcomson's talk was a wonderful blend of autobiography, art criticism, personal history, psychology and tips on how to live a creative and enriching life.

"Those who didn't come missed a chance to quietly turn their lives to unexpected directions of insight and inspiration," Ernest says. Those who came have now a need to begin the rewarding journey of creation for themselves."



READING WITH RACHEL "WATER FOR ELEPHANTS"

We're down to the wire; only a month and a half till the end of another school year and, for many of us seniors, the end of our last school year. With the year winding down, I decided to pick up an old reliable book that centers around a protagonist who finds himself in a situation many of us graduating seniors may soon find quite relatable (to a point):

"Water for Elephants" is the third novel by author Sara Gruen, as well as her most well known. It was turned into a movie starring Robert Pattinson and Reese Witherspoon in 2011. The book is set during the Great Depression and centers around 23-year-old Jacob Jankowski, a student at Cornell University studying for his veterinary exams. Though his future seems perfectly planned out, everything quickly falls apart when his parents are killed in a car crash and the bank repossesses the family farm.

Distraught and overwhelmed, Jacob leaves Cornell before he can sit for his exams and sets off on his own. He hops on a train and finds himself in the base for the Benzini Brother's Most Spectacular Show on Earth. In dire need of a vet, he is hired to tend to the animals involved in the show.

During his time at the circus, Jacob gets to know star performer Marlana, an equestrian devoted to her horses, as well as her husband August, an extremely jealous and ruthless animal trainer. Utilizing his veterinary education, Jacob attempts to protect the animals from the harsh treatment they suffer from August and the circus' owner, Uncle Al, though this becomes increasingly difficult when the circus acquires an elephant named Rosie.

As Jacob works to protect and work with Rosie, the bond between himself and Marlana grows, causing tension and eventually violence. The characters struggle to make safe lives not only for themselves, but also for the animals they relentlessly protect.

"Water for Elephants" starts off with a bang and effortlessly flows from chapter to chapter, even those that transition from the 1930s to when Jacob is recalling his experiences as a 93-year-old in a nursing home. It rarely suffers from lags or lulls, weaving a story that readers can really find themselves invested in.

The novel is not only entertaining, it is also startlingly deep. It fully commits to exploring the bonds that can be forged between man and beast, as well as the lengths they will go to in order to protect each other. It also explores relationships beyond just romantic pairings. During his stay at the circus, Jacob befriends a clown named Walter and the pair form a charming, witty companionship.

"Water for Elephants" is essentially a well-developed coming-of-age novel that can be enjoyed by a wide variety of age categories but will especially stick with those who are going through their own coming-of-age experiences (here's looking at you, Class of 2014). The book is a well-detailed exploration of Jacob growing and coming into adulthood and while romance is woven into the plot, it refreshingly does not overshadow other important aspects of the novel.

I would absolutely recommend "Water for Elephants" for anyone who is looking for a one-and-done novel of medium length. The book is thoughtful, moving and has a delightfully surprising ending, which is an achievement within itself. So if you have a "must read before graduation" bucket list, I would highly encourage adding "Water for Elephants" to your register.

Have a book you want to see reviewed or just know a great read? Got full time after graduation employment opportunities you'd like to send my way? Email Rachel Taylor at retaylor@udel.edu!

—Rachel Taylor
retaylor@udel.edu

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SARAH'S SPOTLIGHT

HTAC: [TITLE OF SHOW]

The name of the show is [title of show]. This is the only context I had about Harrington Theatre Arts Company's latest musical production. Unlike past columns I've written about theater, I didn't speak with anyone involved in this show before seeing it or writing about it. I didn't even know who was in the cast before I arrived at Bacchus Theater Saturday night.

To my happy surprise, this show was double cast, meaning there are two completely different dynamics of characters and artistry that are splitting performances 50/50. The closing-night cast performed Saturday night, and I decided I needed to see the opening-night cast Sunday afternoon as well before drawing any conclusions about the show.

This musical is about two friends writing a musical about two friends writing a musical. Yes, you read that correctly. There is a show within the show that the audience is watching. I fell in love with the characters almost immediately, and though this is a bold statement to make, it's completely true. [title of show] has only five characters: Hunter, Jeff, Susan, Heidi and Larry, the pianist and man of few words.

This show is cheeky yet heartwarming, vulgar yet humorous and silly yet profound. It makes fun of itself and the absurdity of being a creative person and striving to live a

creative life amid the struggles of adulthood. The four main characters--the keyboardist is more of a pit orchestra player than a main role, and this is also made fun of throughout the show--play off each other for humor, but they also feed off of each other's energy, be that positive or negative.

The set is as small as

the cast, and the actors only manipulate what they need. Four chairs, a keyboard, cellular phones, a couple of water bottles and a few decorations are essentially the only items on stage. No costume changes are present, even when time passes because they aren't necessary to push the story forward. This simplicity in set

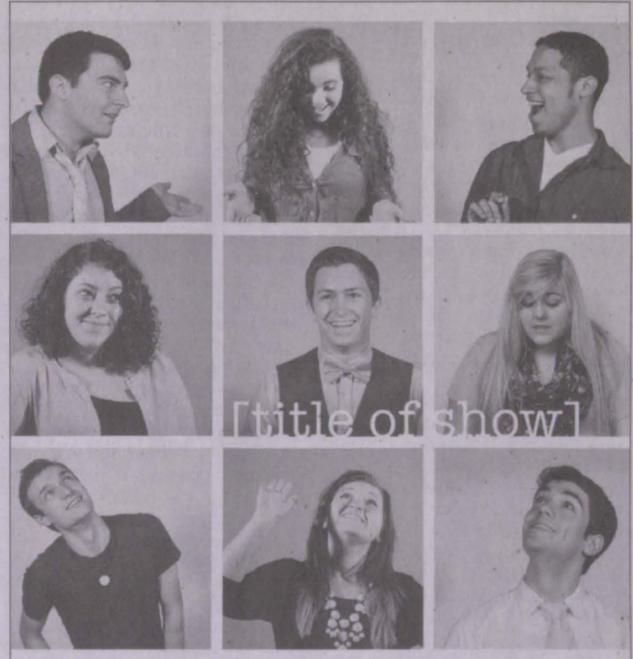
design and props complements Bacchus well. As I have written before, this small theater is a very intimate space. Audience members have the opportunity to sit very close to the actors, and both [title of show] actors played off of this proximity by breaking the fourth wall and engaging their audiences during the performances.

As I'd expected, the two casts produced different shows. The lines and songs were essentially the same, but I could tell that the actors were able to put their own personalities and choices into the development of their roles. I sensed the actors were not only portraying characters from the script but a part of themselves was also shining through their singing, dancing, speaking and overall delivery on stage.

I encourage you to experience both casts of [title of show] like I did. The final three performances are this weekend in Bacchus Theater in the basement of Perkins Student Center. The closing-night cast performs Thursday and Saturday at 8 p.m., and the opening-night cast performs Friday at 8 p.m. Tickets are \$3 for students and \$5 for general admission. For more information, visit www.udhtac.org.

—Sarah Braverman
braves@udel.edu

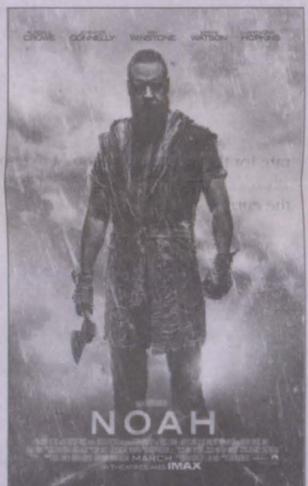
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The "Opening Night Cast" and "Closing Night Cast" of [title of show].

COURTESY OF HTAC

NOAH 1 OUT OF 5



COURTESY OF PARAMOUNT PICTURES

Noah and the Ark, a story that has been told for generations, has finally been transferred onto the big screen, and the results are less than pleasing.

However, no true fault can be found with the acting, as all the big names such as Russell Crowe, Jennifer Connelly, Emma

Watson and Anthony Hopkins deliver solid performances. Connelly especially brought a true aspect of realism to her character as she emotionally portrayed a true conviction to stand by Noah and protect her children.

While "Noah's" cinematography is also captivating, the director takes artistic liberties that drown out the original storyline. The plot follows the titular character and his family, starting with them trying to escape from the encroaching wicked men. They eventually find refuge with the Watchers, stone transformer-like creatures that are actually fallen angels.

After receiving a magical seed from his grandfather that miraculously grows an entire forest in seconds, he concludes he must build an ark to survive the impending storm.

Noah calmly explains to them that The Creator has decided to wipe out mankind, and no man will gain admittance onto the ark.

At this point, "Noah" truly starts to diverge from the biblical story. Noah has three sons and none of them have wives. The

oldest son, Shem, clearly loves Ila, a girl the family has rescued as a child, but due to a wound, she is barren and refuses to marry him because she cannot give him children. Ham, the middle son, implores Noah to find wives for the brothers.

However, when Noah goes out to find the wives, he is overcome by the wickedness of mankind and comes back to the ark with no wives and the intention of letting mankind die out as punishment for their wickedness.

Aboard the ark, trouble begins to brew as Ila, who was thought to be barren, is miraculously healed and now pregnant with Shem's child.

Noah vows he must kill their child if it is a female, as it could continue the race of mankind.

Noah raises his knife but then slowly lowers it and walks away, feeling dejected that he couldn't follow through with the task The Creator gave him.

The ark finally hits land, and the family and all the animals disembark. The film ends with Noah passing the family inheritance to Shem and Ila's twin daughters and a

rainbow coming across the sky.

While it is understandable that the director took artistic liberties, and the film may not stay completely true to the original story found in Genesis, the crux of the film completely contradicts the original story.

All of Noah's sons had wives before the building of the ark and the flood, therefore, that was never an issue. Additionally, no one besides Noah's family made it onto the ark. Everyone else was deemed wicked and thus perished according to the Creator's design.

Finally, in the biblical story, God initially intends to wipe out mankind, but then he sees Noah and decides he and his family will live on and repopulate the earth. Noah never doubts that mankind should not continue on, rather it is God's plan that they do. This is never Noah's choice to make.

Suffice it to say, I was not impressed but disappointed as the true meaning and bearing of the story is twisted into a drama that has no hold in the truth.

—Janell Holmes
jjholmes@udel.edu

CAPTAIN AMERICA 4.5 OUT OF 5



COURTESY OF WALT DISNEY STUDIOS

"Captain America: The Winter Soldier" is crazy good. Marvel Studios' latest installment of its cinematic universe does nearly everything right, and the things it doesn't quite nail don't really detract from the overall picture too much.

"The Winter Soldier" tells a story that revolves around Captain America, Steve Rogers, uncovering a conspiracy and racing against time to put an end to it. This all happens while the titular villain, the Winter Soldier, is attempting to hunt down and kill Captain America. To be honest, it's very difficult to summarize this movie's plot without spoiling any of its numerous twists and turns.

As a whole, the movie plays out much more like a political thriller than a superhero movie. It's more "Bourne Identity" than "Spider-Man." That might sound kind of weird, but believe me, this film makes it work. "The Winter Soldier" doesn't let the fact that there are superheroes in it dictate the kind of story it can tell. To me, that kind of thinking really lends itself well to this movie because as a whole, Captain America is kind of a boring character. That doesn't mean his movie has to be boring, it just means that the story told around that character has to be all the more engaging.

Chris Evans does a very good job as the lead role of Captain America. He owns the role and has a commanding screen presence. Scarlett

Johansson is back as the mysterious Black Widow. This film sees Johansson play a larger role than in previous Marvel movies, and she steps out and gives a performance that audiences should enjoy watching.

Newcomer Anthony Mackie fills the role of Sam Wilson, aka the Falcon. Mackie gives one of the movie's most fun performances as it was easy to tell he had a blast playing the character. Sebastian Stan gives a Terminator-esque performance as the villainous Winter Soldier, while Samuel L. Jackson dawns the eyepatch yet again, returning as Nick Fury. Robert Redford rounds out the main cast as head of the World Security Council (those shadowy figures from "the Avengers"), Alexander Pierce.

"The Winter Soldier" functions as a sequel to 2011's "Captain America: The First Avenger" and a sort of half sequel to 2012 "The Avengers." That last sentence is exemplary of what some may consider a flaw in the movie. To really be able to pick up and appreciate some of what this movie is putting down is based on a lot of prior knowledge that it assumes

the audience already has. For an audience member who's familiar with the other movies in the franchise, this probably isn't an issue, but for a viewer without any of that prior knowledge it could be easy to get lost.

That connectivity with Marvel's other movies is both a help and a hindrance to "The Winter Soldier." It uses the established universe to its advantage and builds off of what came before it. It definitely makes the movie feel much larger in scale, and many of the plot points will ripple through into the other movies. That consciousness of other movies kind of hurts the movie too, as this sequel leaves quite a few strings untied at the end to set it up for other future sequels.

If you've been keeping up with Marvel's cinematic universe, then this movie is by all means a must see. "The Winter Soldier" is probably the studio's best release to date.

—Travis Williams
twill@udel.edu

Slow-paced yoga style helps students relax, focus



KIRK SMITH/THE REVIEW

Yin Yoga at Perkins Student Center on Saturday.

BY CORI ILARDI
Copy Desk Chief

The sounds of group meditation filled the Ewing Room of Perkins Student Center Saturday morning with students participating in a Yin Yoga session hosted by the university's yoga club.

Claire Margaux, a former student and president of the yoga club in 2011, taught the relaxing yoga class, which lasted about two hours.

Yin Yoga is a slower-paced style of yoga where the poses

are held for longer periods of time than other types of yoga, Margaux says. It is a style that is more calming, soothing and relaxing, she says.

Margaux says it is a counter to Yong Yoga, which has more strenuous postures for a more heavy and dynamic workout.

Yin Yoga is for all levels, and anybody can do it, Margaux says.

Junior Khushbu Modi, one of the university's Yoga Club presidents, says Margaux contacted the yoga club presidents because she was

interested in bringing Yin Yoga to the university.

Modi, who took her first class at the university with Margaux, says she was excited for the class.

Margaux, who has taught yoga across the world in countries like Thailand and India, began the class by explaining basic principles of Yin Yoga and what she planned to focus on for the class. She explained the seven chakras in the body that she was going to focus on.

"[Chakras] are energy centers in the body along the sushumna channel, which is along the spine," Margaux says.

Margaux says there are seven main chakras, though there are millions in the body. They are root, sacral, navel, heart, throat, third eye and crown, which are each assigned a color and honor a specific part of life like creativity and communication. Throughout the class, Margaux repeatedly referred to the chakras as well as the colors and feelings associated with the chakras.

"They're not invisible or imaginary," Margaux says. "It's not like, 'Do you believe in chakras or not?' They're scientific. They're where arteries, nerves and veins are all coming together. So they're very strong energy centers in the body."

The session started with

deep breathing exercises and continued with a series of poses relating to each chakra. The first chakra focused on the root chakra, as it is the lowest in the body, and Margaux led a series of poses focusing on this chakra and its color and power. For the rest of the session, she went through each chakra in sequential order.

The class incorporated meditation and chanting. Each chakra has a specific word to chant associated with it, and throughout the session, Margaux instructed the class to chant the specific word.

Chanting helps the vibrations of the body, Margaux says. She says when people chant, it expands and touches on the different chakras.

"This was a lot different from any Yin Yoga I've done because a lot of Yin Yoga that I've done has just been very focused on holding the poses," Modi says. "It wasn't very much focused on the chakras which was very interesting, incorporating both into one."

Margaux ended the class with a nearly 20-minute deep relaxation session. Participants lay on their backs in whatever way was comfortable, while Margaux went through every inch of the body to help them relax.

Modi says she loves to do yoga for many reasons. Aside

from just making her happy, she says it makes her more flexible and helps with stress relief. Being able to sit through things on the mat helps her calm down and reevaluate things in real life, she says.

"Claire mentioned this: a lot of how you handle doing poses on the mat is how you deal with stuff in real life," Modi says. "She didn't do a lot of hip stuff, but at least for me, when you start to tense up, you realize that a lot of time when you handle stuff in real life, you start to tense up."

Senior Kelsey Mellow, who also took her first yoga class at the university with Margaux when Mellow was a freshman, says yoga isn't about comparing yourself to how other people do it, it's about bettering yourself, and this applies to real life.

"I think it's really important that people, in college especially, to be doing things like this because I feel like you gain a lot of self-awareness," Mellow says.

During the class, Margaux emphasized the importance of going at your own pace, paying attention to your needs and your body and knowing your limits.

Even if you could do a pose yesterday, you may not be able to do it today, Margaux says.

"It's very much being mindful of honoring your body and knowing when to step back," Modi says.



YOSEF SHIRAZI

THE ENVIRONMENTAL CONTRARIAN

DIRTY, STICKY COAL

Despite our self-reassurances of a green future,

projections by the most knowledgeable agencies and organizations in the world forecast otherwise.

Take the U.S. Energy Information Agency, for example. It forecasts that by 2040 the United States will generate 32 percent of electricity from coal, down only five percentage points from the 37 percent today. More sobering, in absolute terms, the U.S. will generate more electricity by coal in 2040 than today because our total demand for electricity will increase by a quarter. That's right, according to the most knowledgeable minds, the U.S. will burn more coal in 2040 than today.

Coal is extremely nasty stuff. It is environmentally destructive to mines, releases enormous levels of CO2 and deadly air pollutants when burned and poses an environmental problem when the toxic, radioactive ash is stored. We've all heard the dangers of coal countless times, but I'll briefly highlight the most salient facts.

We currently produce about four trillion kilowatt hours (tkwh) of electricity as a nation, with 1.5 tkwh coming from coal. According to a 2007 study in the Lancet, coal is responsible for 24,500 deaths from air pollution per tkwh, translating into roughly 37,000 deaths per year in the U.S.

Apart from the possible exception of biomass, coal is also the most carbon-intensive fuel for electricity generation. In light of the new IPCC report issued just last week, climate change from human greenhouse gas emissions will pose an increasingly significant threat to human societies globally and may disrupt the very fabric of society in the most vulnerable countries.

In short, coal is an incredibly deadly and environmentally destructive form of electricity generation, but it will likely remain a prominent source of U.S. electricity for at least the majority of our lifetimes.

Better alternatives certainly exist to provide dependable baseload power. High efficiency natural gas and nuclear plants are both far less deadly and environmentally damaging. From the same Lancet

article noted above, natural gas and nuclear power result in 2,800 and 52 deaths per tkwh, respectively, compared to the 24,500 for coal. Even the combined deaths from the Fukushima and Chernobyl disasters are estimated to be responsible for 5,000 fatalities by the most rigorous data currently available. This number is eclipsed every two months by deaths from coal in the U.S. alone.

You may have noticed I left out renewables from the baseload alternatives. As much as I support renewable energy, we simply will not have a utopian green future like many environmentalists implicitly believe. Again, the Energy Information Agency under the Obama administration predicts only 16 percent of U.S. electricity from renewable energy by 2040 up from 12 percent today. However, this isn't necessarily a death knell for climate, as natural gas and nuclear technology are not only safe, but clean and cheap as well. Furthermore, they are becoming more so with new technological advances.

Concerning greenhouse gas emissions, the average coal plant emits roughly one kg of CO2 equivalent per kilowatt hour generated over the plant's entire life cycle. The average natural gas plant

generates roughly half that amount and a nuclear plant just one sixteenth that amount for the same quantity of electricity over their respective lifecycles.

A new and radically innovative generation of nuclear power plant designs are currently being reviewed for approval by the U.S. Nuclear Regulatory Commission. U.S. engineering firms Babcock & Wilcox and Fluor Corporation have designed versions of a new reactor dubbed small modular reactors (SMRs). If approved as expected, these reactors promise far lower costs, operational complexity and environmental impact. Most significantly, the predicted failure rate for this new generation of reactor is orders of magnitude lower than for the current nuclear fleet.

Behind their innovative design is the ability to manufacture these reactors in centralized facilities on the equivalent of giant assembly lines, later to be shipped to the desired location. Each reactor will be identical, low output (about 30 MW each) and can be combined together in modular fashion to accommodate much larger power output levels. Most impressive is the integrated and completely passive safety features which ensure safety even in the absence of power or human input.

Essentially, a giant pool of water is placed above the reactor and suspended by a material with relatively low temperature tolerances. In the extremely unlikely case of a runaway thermal process, the container holding the pool of water is the first component to deteriorate, quickly filling the core with sufficient cool water to quench any conceivable reaction. As the pool of water remains in place, and gravity remains a permanent fixture of physics, new reactors will be incalculably safer than the existing fleet.

We have shown vastly superior alternatives to coal exist, so how does coal exhibit incredible sticking power in our current electric generation portfolio? Why can't the most innovative and prosperous country toss this scourge into the dustbin of history? I would argue the answer is complex, but there are some surprising reasons that strike close to home. Stay tuned for next week when I'll do my best to answer this important question.

—Yosef Shirazi
yshirazi@udel.edu

The views reflected in this column do not necessarily represent those of The Review.



COURTESY OF ERIC BENSON

Benson's dog sled team at the start of a race.

BY ALLISON KNOUSE
Staff Reporter

Many people simply walk their dogs for exercise but not Eric Benson. His dogs can run 30 miles while pulling a sled.

Benson, an associate professor in the animal and food science department at the university, has been involved in dog sledding for 12 years, along with his wife, Catherine.

He recently competed in the Can-Am Crown Sled Dog Race in Fort Kent, Maine.

Benson got involved in the sport when Catherine's dog, Zoe, an Alaskan Husky, proved to be more destructive than the average puppy, and the couple needed an outlet for her energy, he says.

Benson says a friend introduced them to a simple cart that Zoe could pull, and she took to it well. Their

Professor gives 'working like a dog' a new meaning

only other dog at the time, T-Bone, a Shetland Sheepdog-Siberian Husky mix, was a little harder to convince.

"He loved to get his red little harness on but then would jump right back into the car," Benson says.

The couple's hobby took off after they got married in 2005, and from there, three dogs became five. Benson eventually bought a dog truck and a house in Maine, and they currently have nine dogs, he says.

Maryland Sled Dog Adventures, an educational dog sled provider that the couple formed in 2007 and run from their home in Baltimore, provides Girl Scout troops and individuals with the opportunity to try out dog sledding.

Catherine Benson's day on the job at Maryland Sled Dog Adventures starts out early. She wakes up around 4:45 a.m. on a typical day to let the dogs outside and "soup" them, which means adding 2 to 3 cups of water to their food to properly hydrate them for their runs. Then the clients start arriving at around 8 or 9 a.m., she says.

The Girl Scouts are taught how to harness the dogs and try out the different equipment and commands. Each girl takes about a half mile ride, Benson says. The majority of their outings take place on the Northern Central Rail Trail, which runs from Maryland to Pennsylvania, he says, and is usable even without snow.

Most of their guests' outings are short because being a musher requires experience with recognizing subtle signs such as movements of the dogs' ears, Benson says.

"You need to be giving commands before the dogs jump off

the trail, which is something a lot of people don't realize," he says.

Benson says he normally has the dogs out three to five times a week, and they run about 1,000 miles per year to keep in shape.

Their home is on about an acre of land and all of the dogs live in the house with them, Catherine says, because what is important is not the amount of space the dogs are given but the amount of exercise.

"These dogs are working dogs, and they need a job, and we give them one that they are uniquely suited to," she says.

Because the Bensons live in Maryland, a lot of traveling is involved. Besides going to their house in Maine, the couple also traveled to Edmundston, New Brunswick, Canada, to train for the Can-Am Crown Sled Dog Race March 1.

In Eric's team of six Siberian Huskies, Vale and Beaver took the lead, Sammamish and Acadia were in the second row, known as the team, and Lumos and Yoda were in the rear position, known as the wheel.

They finished 20th out of 26 teams with a time of 4 hours and 19 minutes, a result that Benson was fine with considering he says he knew his dogs were not among the fastest.

"They are trained differently than a lot of the other dogs," he says. "With Girl Scouts, they do half mile, stop, half mile, stop, which isn't exactly the best."

Benson says the race was split up into three sections: 30 mile, 60 mile and 250 mile, with his team competing in the 30 mile.

The first six miles of this particular course were level ground,

and then the course became hills. They also had to cross a frozen lake, which Benson says was a unique experience for his dogs. Miles 22 through 28 were the most difficult, because it was all uphill, Benson says.

Being able to train permanently in Maine would have been an advantage to get accustomed to the temperature and elevation. It was -17 degrees at the start of the race, Benson says.

The Can-Am race was Benson's first at 30 miles. The only other race he has been in was 17 miles, split up between two days.

It is hard to balance teaching and dog sledding, especially this year because the team had goals, he says, but the season is coming to a close.

Senior animal and food science major Katie Williams, president of the Animal Science Club, says Benson came to speak at one of their meetings, and the members loved it.

"Dr. Benson's hobby is quite unique and one of the most exciting ones I've heard of, and it takes a lot more hard work and training than anyone realizes," Williams says.

What Benson enjoys most about sledding is simply the dogs.

"Dogs are what make it fun," he says. "It's neat to see them progress."

He says his 2-year-old son Ethan "loves everything" about dog sledding so far, and is always eager to introduce the Girl Scouts to the dogs. He thinks his son will either go one of two ways: loving it or hating it.

"It's a lifestyle," Benson says. "It's not just a hobby."

SPORTS

Laura Travis reflects on 20 years as men's tennis head coach

pg. 15

Lady Hens defeat William & Mary 14-8, advance to CAA Tournament

BY ERIN BOLAND
Staff Reporter

After an 11-9 loss to James Madison Friday, the Delaware women's lacrosse team rebounded Sunday at Delaware Stadium to top William and Mary 14-8 in front of an announced crowd of 595.

But at first, it looked as if the Tribe were ready to make a run at upsetting the Lady Hens.

When the opening whistle sounded, the Tribe were relentless. Just two minutes after the draw, W&M midfielder Taelor Salmon put the ball in the back of the net. This was followed by goals from teammates Alexi Farmakis and Shannon Quinn, giving William & Mary a 3-0 lead six minutes into the game.

This was expected before stepping on the field, however, as head coach Kateri Linville said the team knew not to underestimate its opponent.

"We knew they were going to make us work hard and earn our win," Linville said. "And I think they did. They were relentless and battled even until that last whistle."

Despite a shaky start, the Lady Hens finally got on the scoreboard

as sophomore attacker Shannon Hawley fired in a shot. Delaware's offense then sparked, spurring a scoring spree that put Delaware up for good. Contributions were made by junior Caitlin McCartney and senior Chelsea Fay, with Hawley tallying another goal and sophomore midfielder Casey Lyons adding two.

This brought the score to 6-3, giving Delaware a comfortable advantage. William & Mary answered back as Taelor Salmon scored her second of the day, but the Lady Hens got the last word as Fay scored with 18 seconds left in the first half, sending Delaware to the break up 7-4.

McCartney said the players knew in order to win, it would have to be a team effort.

"We want to keep up our offensive motion and working with each other," McCartney said.

The second half started in favor of the Tribe when they scored the first two goals within five minutes of play. Then the Lady Hens went on a scoring streak once again. McCartney dished out a pass to senior Abbie Hartman, which was followed by an unassisted goal from Hawley. McCartney recorded the next two goals, both assisted by

Fay. McCartney finished with four points—three goals and one assist. She has now recorded at least one point in 44 consecutive games. Fay finished the game with a career-high seven points with three goals and four assists, giving her at least one point in 41 straight games.

Hawley, who finished with four goals and one assist, was the third Delaware player to earn a hat trick.

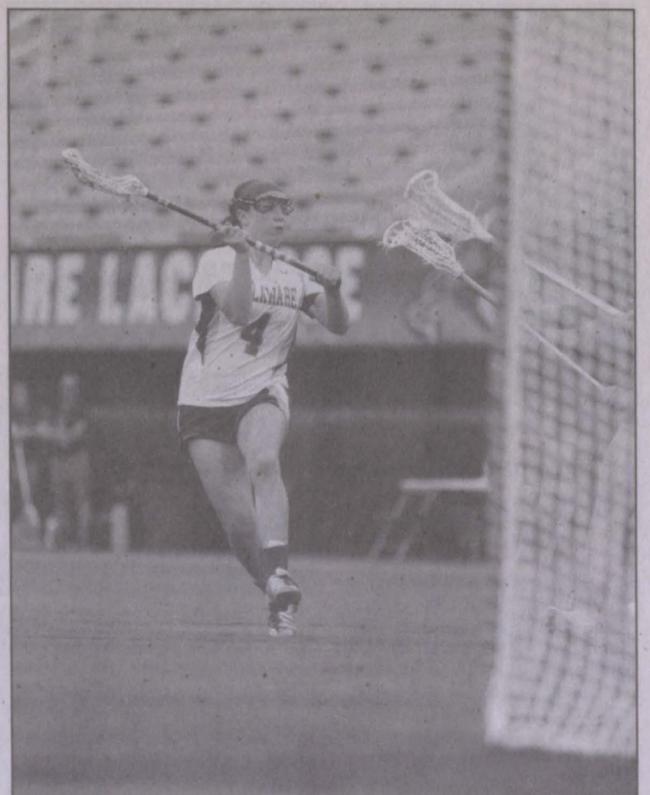
"I think we have an awesome attack, we balance the field and everyone gets touches," Fay said. "And today, everyone was working well together, so that played into our benefit."

The Hens have earned their first trip to the CAA Tournament for the first time since 2009. The Lady Hens have one more regular season game remaining at home against No. 17 Stony Brook next Tuesday.

Linville said she is excited about what is ahead for the Lady Hens, but she knows they have to stay determined.

"Getting to tournament time isn't easy," Linville said. "It's really hard work. You really have to pour your heart and soul into it and I think this team has done that."

Did you know: Women's lacrosse junior midfielder Caitlin McCartney has finished with at one point in 44 straight games.



KIRK SMITH/ THE REVIEW

Senior attacker Chelsea Fay had three goals and four assists during Sunday's game.

Blue Hens dropped by Hawks

BY MEGHAN O'DONNELL
Sports Assignment Editor

There was a sense of optimism swirling through Delaware Stadium Saturday when the Blue Hens overcame a four-goal deficit to take a fourth quarter lead over St. Joseph's. Delaware was on the verge of thrusting itself right back into contention for a CAA tournament berth and a chance to make a postseason run.

But it all fell apart in the contest's final minutes, giving the Hawks a hard fought 12-9 victory.

"We didn't play four quarters the way we needed to win the game," head coach Bob Shillinglaw said of his team's performance.

The game featured two teams going in very different directions. Winners of seven of their last eight, the Hawks entered the game having already surpassed their highest win total since 2000. For the Blue Hens, the outlook wasn't as bright. After a four-game win streak early in the season, Delaware has struggled since, losing four of five.

Still, the team came into Saturday extra motivated, knowing that the game was significant not just from a lacrosse perspective. The team was also celebrating Cancer Awareness Day, a cause that hits close to home for many of the Blue Hens.

"It meant a lot to the team," said junior midfielder Tyler Barbarich, who won 16 of 21 faceoffs, one of the few bright spots for the Blue Hens. "Coach [Noah] Fossner, his mother had passed away from breast cancer so we definitely came into this game real hyped."

Delaware started on the right foot, as Barbarich won the opening faceoff. The team then took control of possession, but a quick turnover allowed St. Joe's freshman Anthony Joaquim to go end to end before firing a shot past Delaware keeper Connor Peaks just over a minute into the game.

A minute and a half later the Hawks doubled their lead on a goal by senior Johnny Simanski.

Delaware senior attackman

Dan Keane got the home team on the board later in the quarter with a man up goal. Taking a quick pass from freshman midfielder Jackson Finigan, Keane blasted a shot into the back of the net to cut the lead to one.

Three straight goals from St. Joe's, however, put the Blue Hens in a huge 5-1 hole.

St. Joe's junior Mike Dougherty scored the first of those three goals. Then junior Kyle Bruun put the ball through Peaks' legs for the Hawks next goal, causing Delaware to make a goalkeeper change. Senior Chris Herbert replaced Peaks in net, but he did not fare much better as Joaquim scored his second of the game on a shorthanded goal, just a minute after the substitution.

Junior midfielder Beau Jones pulled one back for Delaware before the end of the first quarter thanks to a Keane pass, putting the score at 5-2.

"Another slow start in the first half, I think that really got us down," Keane, who finished the game with three goals and an assist, said.

The second quarter looked like it was going to be more of the same when sophomore Pat Swanick extended the Hawks' lead to 6-2.

The Blue Hens responded, however, with two straight goals from redshirt freshman midfielder Steve DeLargy and junior midfielder Tom Holland.

The team looked like they would go into the half down just two. St. Joe's had other plans, as Dougherty scored his second of the game with just 0.4 seconds remaining in the second quarter.

Trailing 7-4, the Blue Hens came out strong to start the second half. Three minutes in, it was Keane who once again sparked the Delaware offense, as Jones fired the ball to Keane, who blasted it home to bring his team back within two.

Another Delaware turnover allowed St. Joe's to increase their lead once more, however, as junior Ryan McGee found a wide-open Michael Rastivo in front of net.

"Turnovers created transition fast breaks for them," Shillinglaw said. "They capitalized on it. We gave them too many opportunities to score and they took care of their opportunities."

Down 8-5, Delaware answered back almost immediately. Junior midfielder Brian Kormondy made a strong run toward goal then found Holland with a terrific pass. Holland's second goal of the game pulled the Blue Hens within two once more.

They cut the lead to one just a few minutes later when Jones and Keane connected for another goal, completing Keane's hat trick. The goal was Keane's 12th in the last three games.

It was a one goal game going into the fourth quarter. With the momentum in their favor, Delaware pulled level just a minute and a half in thanks to a Finigan goal.

The Blue Hens continued to hold possession and shut down the St. Joe's offense for the next few minutes. With 6:41 remaining, they finally broke through. Kormondy fed the ball to DeLargy and he slotted the ball into the net, giving Delaware their first lead of the game.

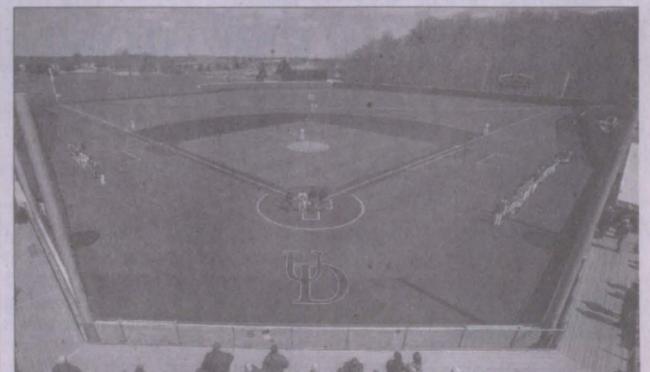
Up 9-8 with 6 minutes remaining, the Blue Hens seemed to have control of the game. However, St. Joe's responded with four unanswered goals, including two in the final minute of play.

What had seemed to be an improbable comeback ended in heartbreak for Delaware, who fell to 6-7 with the loss.

"We always seem to come out firing in the second half but today was a little too late," Keane said.

The Blue Hens will head to Penn State next Saturday to try to turn things around. After that they'll play their final regular season game at home against UMass.

"We just came out slow and I think we have to learn from that before we play Penn State and UMass, two must win games," Barbarich said. "If we don't win those then we don't make the CAA playoffs."



COURTESY OF DAVID YANCEY/BLUEHENS.COM

The Delaware baseball team faces off against Northeastern in the inaugural weekend of the renovated Bob Hannah Stadium.

Renovated baseball stadium opens

BY BRANDON DECK
Senior Sports Reporter

Slowly walking through empty acreage, Kevin Costner's character hears an ominous unknown voice. It urges, "If you build it, they will come."

In a local scene similar to the results in "Field of Dreams," the baseball team was treated to what seemed a little bit like heaven last week.

As the team began their weekend series against Northeastern last Friday, the ballfield they stepped on was different than what they had become accustomed to. The long-awaited renovations to Bob Hannah Stadium were unveiled, displaying what Coach Jim Sherman describes as, "one of the premier baseball facilities in the Colonial Athletic Association and the East coast."

Amidst the substantial renovations to Bob Hannah Stadium are heated 70-foot dugouts on both sides of the field, a new scoreboard overlooking rightfield, expanded home and visitors' bullpens, maximized storage space inside and out the facility, a backstop meant to improve fans vantage points, redesigned batting cages and stadium fencing, and a synthetic turf field.

"This turf is state-of-the-art," Sherman said. "The only dirt is on the mound. It's revolutionizing the idea of turf all over again. There has been years of research done on the surface, and the kids will love playing on it."

The \$2.5 million project, which officially began in the fall of 2013, showcases numerous installments and improvements that were originally slated to make their grand reveal on opening day. Freezing conditions and the second most snowfall the state of Delaware has seen in one winter halted the administration from scheduled groundwork.

The weather forced the Blue Hens to play their initial 14 "home" games at nearby Hartford Community College, in Bel Air, Md., which also has a newly installed all-turf ballfield. Renovations outside the playing surface will also be occurring throughout the spring season, with all installments aimed for completion by the summer.

"The new stadium is unbelievable," junior rightfielder Ryan "Norm" Donkin said. "The whole atmosphere, everything about it. Brand new. The outfield was always wet last year, it barely drained. Not having games rained out, not having to reschedule, we can rest easy knowing we're going to play the game now."

Bob Hannah Stadium opened in 1966 and has been the recipient to a handful of slight overhauls in its roughly five decades of ballplay.

"It had good character," said senior third baseman E.J. Stoltzfus. "It was played in by dozens of great players, but this new stadium is so nice it's going to be hard to miss the old one. The center is deeper than most, the gaps play differently, it gives the batter more exciting opportunities at the plate."

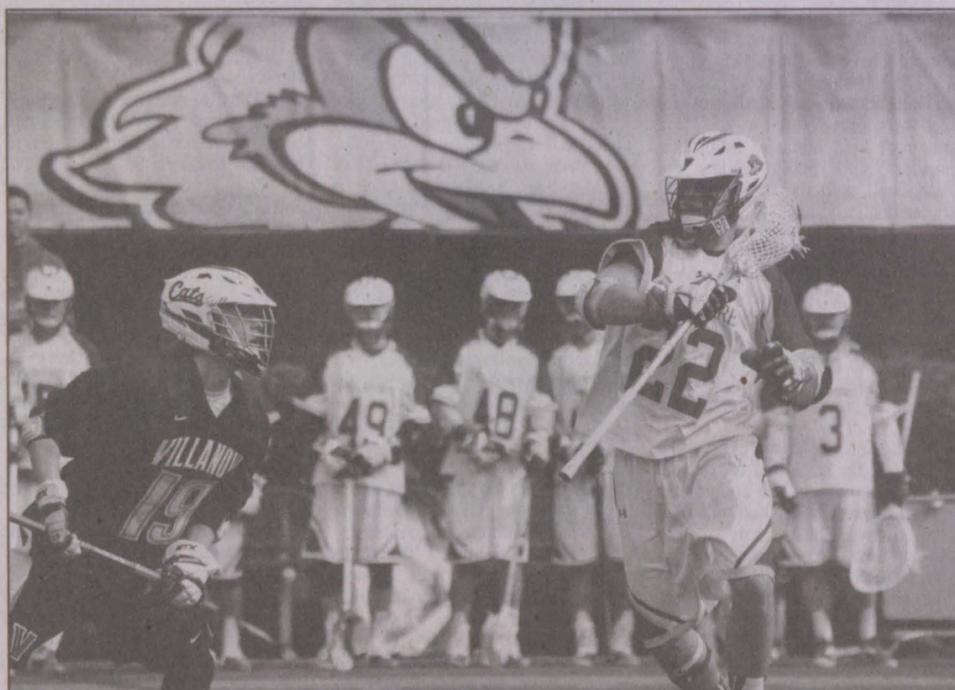
The Blue Hens have already begun to experience the new possibilities the field has to offer for a lucky batter. The opening series played in Bob Hannah Stadium saw a sweep of CAA rival Northeastern Huskies.

The first-ever action in the renovated stadium set the tone for the kind of magic now possible in Newark. A scoreless game going into the bottom of the twelfth inning, Donkin's suicide squeeze bunt brought home centerfielder Joe Giacchino for a rousing and rarely seen victory in collegiate play.

"There's now a chance for rare and fairly unseen gameplay," Sherman said. "Balls in deep left or right center, they're not just going to be doubles any longer, there's going to be a lot more triple opportunities. We saw that already with Giacchino and [first baseman] Jake Clark. This ballpark offers a lot of chances for some unexpected plays."

Many of these chances lie awaiting in the newly constructed outfield. Leftfield now hosts a 20-foot tall fence, which players and coaches refer to as the, "Blue Monster."

Knocking one out of the park through centerfield will become a daunting task.



MICHELLE MORGENSTERN/ THE REVIEW

Redshirt freshman midfielder Steve DeLargy scored two goals during Saturday's game.

See SHERMAN page 15

SHERMAN: 'YOU CAN ALREADY TELL, THE PLAYERS ARE APPRECIATIVE AND EXCITED.'

Continued from page 14

Depending on where exactly the wind may take it, a ball must surpass anywhere from 400 to 410 feet in distance to become a homerun.

"Balls take higher bounces off the turf now, too," Donkin said. "If you top the ball at the plate, that can now cause more infield singles. That could really change the game, now that you have something that's usually an out that has become an infield chopped single, if it's someone with decent running capabilities."

During an adjustment period, the Blue Hens show no signs of awkward transitioning. They have gone 4-1 in their first 5 games at the new Bob Hannah Stadium.

Although the stadium may be considered better by most, the Blue Hens hope that in due time, their stadium will bring about an even better team for years to come.

"You can already tell, the players are appreciative and excited," Sherman said. "In the long run, this will enhance opportunities for recruiting. We can bring a recruit in now, and hopefully have a leg up on a lot of schools."



FILE PHOTO

Delaware tennis coach Laura Travis serves during her 54th career match victory on Sept. 23 1988. Travis took 22 singles victories in 1988-89, setting a school record.

BY JACK COBOURN
Sports Assignment Editor

After leading the Delaware women's tennis team to East Coast Conference team titles in 1987 and 1988, as well as becoming the Blue Hens' women's tennis coach in 1992-93, Laura Travis stepped up to take over the men's tennis team coaching position from Roy

Travis celebrates two decades as tennis coach

Rylander in 1993-94.

Now, two decades later, Travis is still coaching both tennis teams, which are currently 8-7 overall (3-2 CAA) for the women, and 4-10 overall (0-4 CAA) for the men.

Travis said she was glad to have the opportunity to be named coach for both teams, especially the men's team.

"It's been such a learning experience for me, and I feel so lucky to be in the position that I'm in at the university," Travis said. "Hiring a female to coach a men's sport way way back when, it's just been a privilege and an honor."

As of Saturday, Travis' lifetime record as coach at Delaware is 249-125 for the men, and 257-132 for the women. In addition to being the tennis team coach, Travis has her master's degree in physical education and sports psychology, which she earned from Delaware in 1998.

Senior Adam Lawton said Travis' abilities as a sports psychologist has helped him perform better during tough matches.

"She's taught me to be tough mentally, and to not let the bad moments in the match linger, to forget about the bad moments and focus on the next

point," Lawton said. "She talks to everyone individually, asking them what they think during a match and what are some things they can do to overcome those obstacles during a tennis match."

Travis, a native of Wilmington, had a 73-12 career as a Blue Hen, as well as holding the single-season record for singles victories, with 22 in 1988-89, as well as having the highest doubles win record of 26-9 with Christie Ellis. In addition to her accomplishments for Delaware, Travis was an All-State player for Tower Hill School in high school, in addition to playing United States Tennis Association events in the area.

Seven-time Delaware State tennis champion Cindy Prendergast said Travis was a good player because she was a challenge to break her mindset, as well as a sporting player.

"She's very mentally tough, I think that's one of her strengths," Prendergast said. "But she's also very, very fair on the court. She's just a good person to play, and she's well-respected by her opponents who have lost to her, which are many."

Travis has also helped to

try to get increased participation of the sport on campus through the USA Tennis Free for All, USA Tennis 1-2-3 and USA Team Tennis programs. She has helped encourage Delaware high school players to come play as Blue Hens, such as senior Troy Beneck. Beneck said he had met Travis when he played high school matches on the Field House courts, and said she promoted the University in a positive manner.

Beneck said his best memory of Travis are the long bus rides to matches because it is a time to prepare and talk and laugh with the coach and team.

"When we sit together on the bus rides, everyone's talking as a team," Beneck said. "It's more of a friendly setting as opposed to a practice or a match, when we have to do our work."

Overall, Travis said she does not know when she will finish coaching.

"The whole nature of collegiate athletics has been changing in the last few years, and it's definitely been a challenge to adapt," Travis said. "You get tired at the end of the season but it's always my passion in this world, so to say how long I'll be there, it's hard to say."



Sophomore Danae Jonjic' hits a ball during Saturday's match. Jonjic' won her singles match in three sets.

BLUEHENS.COM

Tennis has mixed results on Senior Day

BY JACK COBOURN
Sports Assignment Editor

Hoping to break Drexel's Zeynep Mafa and serve for the match on Saturday, sophomore Danae Jonjic' hit a hard shot to try to win the point. The ball hit the tape on top of the net, spun up high and then bounced shortly twice. Jonjic' was now up 5-2 in the third and deciding set, and looking for the match win.

She would get it in the next game but would have to work for it again. Having come back from 0-40, Jonjic' would get to deuce and her first match point, which ended on a rally she said took the steam right out of her.

"I just wanted to win it so bad," Jonjic' said. "I wanted to save it, but I lost the game, but it all worked out, and I ended up winning it. I was so tired. I was like, 'I can't do it anymore, I can't believe I lost that point, but I picked it up at the end.'"

Both the Delaware men's and women's tennis teams played their final matches of the regular season at the Field House Courts. While the women claimed the 5-2 victory, the men fell short, losing 4-3 to the Dragons.

For some, it was the end of their freshman regular-season campaign, but for others, like senior Adam Lawton, it was the last time playing at home.

"It's sad, but I feel accomplished," Lawton said.

Before the game, the seniors were honored by the team, and their families got the chance to get photos of them. The day was hot and sunny, with very little wind.

Head coach Laura Travis said she was pleased by the proceedings.

"What perfect weather, it was unbelievable," Travis said. "It's just

fantastic to play tennis on a day like today and to have the crowd that we had and concession stands set up. It was just wonderful throughout."

The day began with the customary doubles matches, and the outcome of who would gain the crucial doubles point for both was vastly different, as the women claimed their point by winning all three, while the men fell to the Dragons' doubles teams.

Senior Dorothy Safron paired with sophomore Carmen Lai to claim the first doubles victory 8-3 for the Blue Hens, while senior Olivia Heim and junior Kim Milla took the second doubles 8-7 in the tiebreaker. Jonjic' paired with junior Christina Harrington to round out the women's doubles success, 8-7 in another tiebreaker.

The team of Lawton and junior Evan Andrews were the lone bright spot for the men in doubles, taking the 8-3 doubles victory over Drexel's Alex Fioravante and Xabier Saavedra.

Travis said the matches were the first for the men's doubles teams, and though the outcome did not show it, she was pleased with the change.

"We tried new doubles combinations for today, and it looks like we might be on to something," she said. "I felt like we were very close to winning the doubles point, which we haven't done in a long time, and having it come down to one court and that's the tiebreaker with the new combinations, we're pleased with that."

In singles, Jonjic', Safron, Milla and sophomore Nataliya Naumova took hold of their matches to give the Blue Hens the victory. Though Lai lost her match in the third set, 6-3, Travis said Lai performed well by fighting through leg cramps earlier in

the set.

The top two men's singles matches were rife with issues. Senior Troy Beneck's opponent Badr Ouabdelmoumen wound up getting mad at the referee, and would wind up losing 6-4, 6-4. Beneck finished out the year with a 23-7 singles record, good enough for second on the all-time single-season list.

In Lawton's match, Lawton was docked a game heading into the third set for what was adjudged to be a break that was longer than normal. After discussions with the referee, Travis and Drexel's coach, Lawton would go on to win the match, 7-5, 0-6, 6-1.

Travis said she was pleased with the way both Beneck and Lawton performed in their last regular-season singles matches.

"I was also happy for Troy and Adam that they could perform so well on Senior Day and pull out a match," she said. "Typically, they're very hard to do, and they came through with flying colors, especially Adam winning both doubles and singles and pulling out a three-set match and then for Troy who's played his opponent multiple times and they go back and forth, back and forth, so for him to just finish it in two sets was awesome."

With the season over, the women improve to 8-7 overall (3-2 CAA), while the men fell to 4-10 overall (0-4 CAA). Both teams will prepare for the CAA Championships, held from April 18 to 20 at William & Mary.

Travis said she was pleased with the way the two teams gave their best efforts on Saturday.

"Everybody left everything they had out on the court," she said. "At the end of the day, it's all you can ask for."

COMMENTARY

'UConn ON TOP OF THE COLLEGE BASKETBALL WORLD'



MEGHAN O'DONNELL

They say history has a way of repeating itself. In 2004, the University of Connecticut became the first school ever to win both the men's and women's NCAA basketball tournament in the same year. On Tuesday night, the Huskies accomplished that feat again, ten years after the basketball program first made history.

The women, led by Breanna Stewart's 21 points, routed a previously undefeated Notre Dame team just one day after Shabazz Napier lifted the men's team over Kentucky.

In a matter of 24 hours, the Huskies had taken over the college basketball world. Both teams finished at the top, but they took very different paths to get there.

For the men, it was a season of redemption. One year removed from a postseason ban that kept them out of the NCAA tournament, the Huskies rallied behind second year coach Kevin Ollie.

They refocused and recommitted themselves in the offseason. However, they were still overlooked by most experts leading up to the season.

That's because it was supposed to be the year of the freshman. Andrew Wiggins, touted as the next can't miss superstar, was expected to lead Kansas alongside Joel Embiid. Sports Illustrated labeled Duke's Jabari Parker "the best high school player since LeBron James." Then, of course, there was preseason number one Kentucky, whose starting lineup was made up entirely of freshmen.

UConn's roster, which featured many seasoned veterans and only a few underclassmen, didn't fit the mold. And while they quietly put together a solid season, finishing at 26-8, they were never considered serious title contenders. After all, they had lost by an embarrassing 33 points to Louisville in their final regular season game and had only managed to secure a 7 seed for the tournament.

What nobody realized was that the Huskies didn't care whether or not anyone believed in them. They had enough belief in themselves as a team.

They didn't have a star-studded freshman lineup. They didn't have any top recruits on their team. (Ryan Boatwright was the 42nd ranked prospect in his recruiting class while Shabazz Napier barely cracked the top 100, coming in at 98 in his class.) They didn't even have a top seed.

What they did have was a core group of upperclassmen who had endured a lot together and had resolved to play for one another.

So in a year when freshmen had dominated the headlines, it seemed fitting that the Huskies would play Kentucky for the national championship in a battle of youth versus experience.

Even more fitting was the way Napier, a senior, led the team with 22 points on their way to a 60-54 victory. He was named the Most Outstanding Player at the Final Four, becoming just the fourth player in history to accumulate over 125 points, 25 rebounds, and 25 assists in a single tournament. The previous three? Larry Bird,

Derrick Rose, and former UConn guard Kemba Walker.

When Napier was interviewed following the game, he described his team as "the Hungry Huskies."

"We worked so hard for it," he continued. "Two years and hungry."

For the men, the redemption was complete.

Unlike the underrated men's team, Geno Auriemma's squad is a traditional powerhouse in women's basketball. With their 79-58 drubbing of Notre Dame, the Lady Huskies improved to 9-0 in national championship games. They own the longest win streak in college basketball history, having won 90 games from 2008 to 2010. They've recorded an incredible five undefeated seasons. On top of that, they've averaged fewer than 4 losses per season since 1988.

So it was no surprise that the women's team entered the 2014 season ranked number one. While the men weren't getting a lot of attention, the Lady Huskies were once again in the spotlight. Coming off a championship in 2013, the team was favored to repeat.

They weren't looking for redemption nor did they expect to surprise anyone. Rather, they were looking to live up to their own high standards.

"The expectation level here is you go to the Final Four and you play for a national championship, and we're pretty proud of it," Geno Auriemma said of his team.

So when the team completed yet another undefeated season and reached their 15th Final Four, no one was surprised.

Still, the Lady Huskies would be facing their stiffest competition yet in Notre Dame. The Irish also came into the match undefeated. Though they'd lost their star center Natalie Achonwa to an ACL tear before the Final Four, Notre Dame boasted an all-star lineup that included All-American guards Jewell Loyd and Kayla McBride.

Any hope the Irish had of knocking off the reigning champs vanished quickly, however, as UConn jumped out to an early lead with a 16-0 run. The team never looked back, as sophomore Breanna Stewart, whose game Auriemma has compared to Kevin Durant, had 21 points, 9 rebounds, 4 assists, and 2 blocks in the blowout.

One night after watching the men raise the trophy, Stewart, the national player of the year, and her teammates did the same, a historic feat that no other school has ever accomplished.

Both UConn teams were there when "We Are the Champions" rang out on Tuesday night after the women's victory. It was a fitting end to an incredible season. Despite their differences, both teams ended up exactly where they knew they belonged — on top.

For right now, Connecticut reigns as the center of the college basketball universe.

Meghan O'Donnell is the Sports Assignment Editor for The Review. Send questions and comments to meghanod@udel.edu.



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