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WORLD NEWS

Paris heals after attacks



Courtesy of Vincent Kesler

PARISIANS MOURNED the loss and injury of hundreds after the deadly terrorist attacks last Friday.

Nathan Dorer
Senior Reporter

ON FRIDAY, OCTOBER 13, THE CITY OF PARIS, FRANCE was shaken as a series of six attacks took place throughout largely populated regions of the city. The militant Islamist group ISIL has since taken credit for the attacks, and has made it clear that the attacks were largely motivated by French foreign policy against Syrian refugees. In response, French president François Hollande has declared a nationwide state of emergency, and the country has deployed aircraft to bomb ISIL strongholds throughout the middle east. ISIL has released statements following the attacks in which they have made claims that other international cities may be potential targets for future attacks.

During a soccer match at the Stade de France, security officials first uncovered a potential threat as they performed a routine frisk on a man attempting to enter the stadium. The search revealed that the man was wearing a vest that contained both heavy explosives and bolts. Following the vest's discovery, the man detonated the garment in a suicide bombing. Nearly three minutes later, a second suicide bomber detonated his jacket in a similar fashion, and a third bomber ultimately detonated his vest at a nearby McDonald's just outside of the stadium. Two other large explosions were heard inside the stadium, but authorities believe that these may have been firecrackers lit by fans watching the game.

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ADMINISTRATION

President holds Town Meeting on attacks, security

Jack Wellhofer
Senior Reporter

IN RESPONSE TO THE EVENTS THAT transpired in Paris last week, President Shirley Ann Jackson called for a Town Hall Meeting to be held this past Tuesday to discuss the effects the tragedy would have on the Rensselaer community.

Jackson welcomed the mixture of students and faculty, and led them in a moment of silence for those who lost their lives in the attack. She then began her formal speech, saying that while no harm had come directly to the RPI family, the Institute is a global community and is therefore still affected by the attack. Similar to her email, Jackson explained that she had been in communication with local, state, and federal law enforcement, and that there is no immediate threat to RPI and no cause for alarm. "We are one Rensselaer," said Jackson.

On stage with her were special agents Anthony DeFino, John Story, and Mike Smicky of the FBI. Smicky spoke first, recapping the events that occurred over the weekend. Story described the attack as unusual for the Islamic State of Iraq and the Levant, in that there tends to be less coordination and organization. What the FBI is most worried about are so called "lone wolves" and their potential. These are individuals who, without the help of ISIL, plan an attack in the name of ISIL. Agent Story continued, listing

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ADMINISTRATION

Carletta to retire

David Raab
Senior Reporter

IN AN E-MAIL TO THE RENSSELAER Community, President Shirley Ann Jackson announced the retirement of General Counsel and Secretary of the Institute Charles Carletta, effective December 31. In his role, Carletta is the chief legal advisor for the President as well as the compliance officer for the Institute as a whole.



Courtesy of RPI

He is also Secretary of the Board of Trustees and a member of President Jackson's Cabinet. Carletta has worked in his current role at RPI since 2000.

During his time at Rensselaer, Carletta has worked to ensure that the Institute stays in compliance with United States regulations such as the export of technology and has represented the Institute on various legal issues. He has represented Rensselaer on the City of Troy Comprehensive Plan Advisory Group, the Center for Economic Growth, and the United Way of the Greater Capital Region. Before becoming Rensselaer's first in-house General Counsel, Carletta served as outside legal counsel to the Institute and to other colleges in the region while with the firm of Pattison, Sampson, Ginsberg, and Griffin from 1975 to 2000. Carletta also developed policies for colleges relating to Title IX and FERPA prior to coming to Rensselaer.

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STUDENT SENATE

New J-Board chairman appointed

David Raab
Senior Reporter

THE SENATE CONFIRMED THE APPOINTMENT OF graduate senator Jen Church, current Student Government Communications Committee chairman, to the position of Senate-Executive Board Liaison and chairman of the Union Annual Report committee by a vote of 18-0-4. Church told the Senate that she would be able to take on the added responsibilities of the new position because she already all of the Senate and Executive Board. Grand Marshal Marcus Flowers '16 mentioned how she is currently a productive member of the Senate's cabinet and an effective communicator. She also told the Senate she plans to step down as the Student Government Communications chairman at the end of the semester, but not before a replacement is appointment. Church encouraged freshmen and newer members of Senate to apply for the SGC position as she believed it would give them good leadership experience and crucial administrative contacts to leverage later on in their Senate careers.

Current Judicial Board chairman, Anthony Barbieri '15 introduced his new J-Board appointees to the Senate for approval. The J-Board chairman appointee was graduate student Nathan James. Flowers jokingly asked him how well he knows the Rensselaer Union Constitution, on a scale of 0 to 10.

James responded with 10, citing the fact that he was chairman of last year's Constitution Committee and that he has served on J-Board as a regular member for the past two years. The new regular members will be Harrison Leinweber '18, Sumit Munshi '17, and Il Shin '17. During the appointment of Shin, Senator Justin Etzine '18 questioned Shin on his sitting on cases citing the importance of experience for full J-Board members. The new alternate members will be Joshua Berman '19, Kentaro Hansen '19, and William Pfeiffer '19.

New details about the Summer Arch program, given by Flowers, were discussed during the meeting. He stressed that these details are still very much in the preliminary planning process and are subject to change at any time. Parliamentarian Joshua Rosenfield '17 brought up concerns about how students will view the Arch program in light of the fact that in-season athletes and Reserve Officers' Training Corps students will be exempt from the program, as well as students in the School of Architecture. Flowers responded by saying the Faculty Senate in particular told him how they seek to change student's perception of the Summer Arch from that of a burden to a new opportunity. Unpaid internships could be an option in addition to a regular paid

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Serving the Rensselaer community since 1885

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RENSSELAER UNION

Gala celebrates Union's past



Sidney Kochman/The Polytechnic

STUDENTS PARTICIPATE in a game of Blackjack during the 125th Anniversary Gala Saturday.

Justin Etzine
Senior Reporter

ON SATURDAY, NOVEMBER 14, THE RENSSELAER Union played host to the 125th Anniversary Gala which as the name suggests was the 125th anniversary of the founding of the Union. The semi-formal event was free for students to attend, and consisted of a buffet dinner; a light show, dancing, and other activities, including a photo booth.

Attendance at the event was much higher than initially expected, with almost 500 students, staff, faculty, and administration at the event. Over \$1,000 in prizes were won in the two raffles held, and attendees had the opportunity to win additional tickets by playing Las Vegas-style casino games, such as Blackjack, Texas Hold'em, and Roulette. Sodexo catered the event's buffet dinner, which was met with

delight from eventgoers. The light shows, held on Friday and Saturday nights, illuminated the exterior of the Union in an array of colors.

Whitney Gervais '16, head of the 125th Anniversary Committee, was very pleased with the event's turnout. Gervais said in response, "the 125th Committee was very happy with the success of the Anniversary Gala that was on Saturday evening. We had over 400 attendees come throughout the evening and everyone seemed very excited to be there. We really appreciated the attendance of students and everyone dressing up in the spirit of the event. We look forward to seeing more students at the final 125th Anniversary events next semester."

The committee posted photos from the event and the photo booth to an album on Facebook, which can be found at <http://poly.news/s/e3gqf/>.

WEIRD
OFF THE WIRE**ISIL operates a 24-hour jihadi help desk**

According to United States intelligence groups, ISIL operates a technical help desk available to any of its worldwide terrorists. A popular question answered is how to encrypt communications so law enforcement has a harder time catching them before they strike.

Secret Service agent caught in a sexting sting

Secret Service agent Lee Robert Moore has been charged with attempting to send sexually explicit messages to a 14 year old girl. None of his texts actually were with an underage girl; instead, he was actually communicating with two police officers from Delaware.

Bangkok "half-marathon" actually 17 miles

Due to "a technical error," according to the Athletic Associate of Thailand, a sign was placed pointing the wrong way which, over the course of the race, added about four miles to what should have been a 13 mile race.

Google self-driving car pulled over for going below speed limit

A Mountain View Police Department officer pulled over a vehicle for going too slow before he realized it was a Google self-driving car. He asked the driver questions about how the car chooses a speed to travel at but no citation was issued.

Jeb Bush offers chest bumps for new supporters after last Republican debate

Jeb Bush told reporters that he will offer every political "converter" a chest bump after the Republican debate on November 11. A video surfaced of Bush chest bumping a man after he admitted he was a Ted Cruz co-chairman but now supports Bush.

Congratulations to the Rensselaer Union on its 125th anniversary!

Safety: Schoolwide discussion held at EMPAC

FBI agents, cabinet members in attendance for meeting on Paris, increased campus safety



Jack Wellhofer/The Polytechnic

PRESIDENT JACKSON AND FBI SPECIAL AGENT ANTHONY DEFINO LISTEN to student questions and concerns at a Town Hall Meeting on safety following the Paris attack.

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some indicators that are often associated with lone wolves, including consumption of jihadist material, planning travel to suspicious countries, and contact with extremists. He emphasized that while these are not be-all and end-all, it is important for individuals to stay vigilant.

At this point, the microphone was open to students, faculty, and members of the community. The first person to speak was a Muslim student, who expressed his strong feelings against the ISIL. In a very emotional message, he explained that what ISIL is doing is not what Islam stands for. He quoted a line from the Quran, "whoever saves a life, it is as though he had saved all mankind," and said that he is "always keeping an eye out and wants all of us to be safe." For his message, he received a standing ovation from the audience.

Another student asked for clarity of "increased security," mentioned both in the email and during the meeting. Vice

President of the Administration Claude Rounds answered, saying that while sharing the details would defeat the purpose, the reinforcement of procedures and protocols and increased security at hockey, football, and other large community events should be expected. An active shooter training video was also given to RPI by the FBI, which will soon be made available to the community. Rounds also mentioned that active shooter training classes and exercises would be made available early in the spring semester.

A member of the study abroad program asked about the effects on students planning to study abroad in Europe, Asia, and Africa in the coming semesters. Jackson said that a travel recommendation would soon be sent out by the Institute.

One faculty member spoke about the terrorist attacks in London on July 7, 2005, and explained how the British "stiff upper lip" helped Londoners and England as a whole get through the tragedy. He discouraged "feeding the fire," and encouraged "doing nothing as long as it is the right kind of nothing." The

goal of terrorism is to incite fear, and that giving them attention and affecting our lifestyle is what they want. Jackson, while understanding of the statement, feels that she is personally responsible for the safety and security of the Rensselaer community, and while it is unfortunate, additional security measures are necessary.

A reporter from *The Polytechnic* asked Jackson the reason for calling a Town Hall Meeting over this event, rather than the others that have occurred this year, including the deadly attacks on college campuses, the downed Russian airliner, and the racist attacks in Charleston, SC. She pointed out that a meeting could have been called for any number of those events, becoming an all-too-common event. Jackson felt it was important to bring people together, and determine where and where not the dangers are. She also asked the leadership team to continue the conversation with the community.

This concluded the Town Hall Meeting. The full video of the event is available on RPI TV's website, <http://rpitv.org>.

EXECUTIVE BOARD

Men's Rugby allotted budget for final competition

Elisabeth Ryan
Senior Reporter

THE EXECUTIVE BOARD MEETING OPENED Thursday, November 12, with the introduction of the new Student Activities Assistant, Alex Pizzola. Her duties include advising service clubs such as Colleges Against Cancer, Habitat for Humanity, and Circle K.

Next, Ken Palmer, manager of the new and improved Rensselaer Collegiate Store, presented two documents to the E-board. The first document stated the sales of the store and their progression from their opening until now, and the second document was a ratio analysis scrutinizing the comparison of supplies bought and sold against the enrollment. While Palmer states that the rise in sales since their opening reflects well, especially to a business at the beginning of

its career, only half of the student body is making purchases at the store. He justifies this predicament by noting that it was only the first semester. He goes on to mention that the Collegiate Store plans on offering a price matching program for text books. This price matching will occur at either the time of transaction or within seven days of the transaction. Any money refunded will be in the form of a gift card. This exciting new deal will take place next semester and the details concerning exclusions and exceptions will be made clear as the time approaches. Palmer is also excited to introduce new Rensselaer merchandise with a Star Wars twist, in spirit of the movie's December release.

The E-board wished congratulations to the men's rugby team for winning the Tri-state Rugby Conference and

for their invitation to compete in the National Rugby Playoffs November 21 and 22. This competition will take place in Greenville, North Carolina. The total cost of the trip itself including hotels for the 26 players, coach, and bus driver will be \$7,208. Both the men's and women's rugby have \$2,000 allocated to them for travel expenses, and RPI Rugby came looking to have the women's travel expenses reallocated to the men's travelling expenses. Representing men's rugby was President William Howard '16 and representing Women's Rugby was Treasurer Kathryn Peoples '17. In a unanimous vote of 13-0-0, the motion to reallocate the \$2,000 from the women's travel fund to the men's fund passed.

The position for Senate/Executive Board Liaison is still pending and President Nick

Dvorak '16 announced that there will be one for next week's meeting. After announcements were made, Dvorak reminded E-board members of their duties involved in the budgeting of those groups that they are responsible for.

Vasudha's new plan for water bottle filling stations was mentioned and discussed at the tail end of the meeting. The plan is to set up these stations throughout campus in easy-access locations, with a cleaner and healthier alternative to filling your water bottle at a drinking fountain; the water bottle-filling station will also double as a drinking fountain. Vasudha is not in search of funds, but approval for their use of funds, which the E-board granted in a 13-0-0 vote concluding the meeting.

Senate: Church confirmed as Liaison, Arch discussed



Sidney Kochman/The Polytechnic

THE SENATE CONFIRMED Anthony Barbieri's '15 new appointments to the Rensselaer Union Judicial Board.

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internships and co-ops, but Flowers said there would have to be a new bureaucratic infrastructure set up to support that, because individual departments would have to look into each unpaid opportunity and approve of it as being an educationally sound experience. He said that many companies have issues from a legal standpoint with having students working with no compensation, so they would need an assurance that RPI would count the experience as being educational though not credit bearing.

In regard to the issue of classes over the summer, he told the Senate that RPI wants to keep faculty with the current model of having nine month contracts, traditionally not working during the summer, which would mean the hiring of temporary teaching

faculty over the summer or having some faculty take the fall or winter semesters off instead. Flowers also discusses how plans are in the works for there to be an outside of class Summer Experience Program as well. He compared it to an extended Navigating Rensselaer & Beyond type of experience and would include traveling and other trips to take place over times classes weren't in sessions. Furthermore, he stressed that such an experience would be mandatory but that specific details are sparse right now.

Senator Michael Han '16 asked about how the Summer Arch program would affect student government elections and membership. Flowers responded by saying that specifics cannot be determined until the first Summer Arch pilot, which will occur

during the summer of 2017. Rosenfield added that any elections timeline changes would have to be brought forward as a Union constitution amendment and expressed concerns about it failing because of student opposition to the Arch program. Director of the Union Joe Cassidy told the Senate that the specifics of the academic calendar are still unknown and Flowers said that the academic calendar is usually approved in January. In fact, to that end, he said that a lot of major administrative decision-making on the Arch program will occur during Winter Break and that's why he's rescheduled a student Summer Arch forum until February 2016 in order to have more details about the program so that students will be more informed about what specifically to ask.

Flowers told the Senate that he is still looking for interested students to form a Summer Arch focus group. He encourages all interested to contact him at gm@rpi.edu. The entire Senate also encourages all students to fill out their annual survey, which can be found at <http://poly.news/s/senate15/> as soon as possible.

The Academic Affairs Committee, Student Life Committee, and Web Technologies Group presented briefly to the Senate. Graduate Spencer Scott, chairman of the AAC, presented on his efforts to increase connections between RPI students and Capitol Region media companies. He said that he is working with the Strategic Communications Office in order to coordinate efforts in that regard. Paul Ilori '17 presented on the Excused Absense policy and how the SLC was a large part of getting it changed. He said before the change professors had the individual power to veto excuses given by the Dean of Students Office and the Student Health Center, but after the change professors are required to give reasonable time to allow work to be made up. Ilori specifically said any "no makeup" policies are superseded by the current student excused absence policy.

Finally, Cameron Riley '19 from the Web Technologies Group presented his work on the WTG project to look into changes to the student printing system. He said that many comparable colleges use a system where students print to a central queue and that they release their individual jobs once they get to the printer in question. Riley said that a priority of this project would be to eliminate cover sheets, which many students see as a waste of resources. A lesser priority, according to Riley, would be the fact that many schools have a higher free printing allotment than RPI and that many students would like to see the current limit raised.

Paris: Terrorist attacks felt across France

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In further attacks, militants made their way through Paris' 10th and 11th arrondissements and targeted popular bars and restaurants. As the initial reports of the bombings at the Stade de France were released, diners on the outdoor terrace of Le Carillon in the 10th arrondissement encountered gunfire from a separate group of militants. The group later made their way to the popular Cambodian restaurant Le Petit Cambodge, where they entered the establishment and ultimately killed 11 of the diners.

In the 11th arrondissement, the attacks began when a suicide bomber detonated a vest filled with explosives in the Comptoir Voltaire cafe, injuring

12. Later, shooters entered the popular bar La Belle Equipe, and cornered and murdered 19 of the patrons.

However, the worst of the carnage occurred at the popular music venue the Bataclan, which was hosting the U.S. band Eagles of Death Metal. During the nearly-full concert, militants entered the building through the front doors and began shooting into the crowd at will. The band managed to escape backstage, but the largest part of the crowd was cornered to one half of the venue. Victims have reported playing dead in an effort to escape being shot by the perpetrators. When police finally managed to enter the venue and neutralize the situation, nearly 80 citizens had been killed with hundreds more wounded.

In France, President Hollande recently issued a statement in which he declared that "France is at war" with ISIS, and the president has urged lawmakers to extend the state of emergency for an additional three months. In doing so, police would gain the ability to raid the homes of those suspected of further terrorist attempts. Furthermore, Hollande has made it clear that he hopes to promote legislation that would allow the nation to strip suspected terrorists of French citizenship, and ultimately deport those suspected of terrorism.

When the attacks on Friday were finally over, 129 citizens were dead and an additional 350 injured at the hands of the shooters. Worldwide, countries have offered their condolences and solidarity to France as the nation begins to heal.

Carletta: General Counsel will retire after 16 years at end of calendar year

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Carletta is an honorary member of RPI Phalanx Honor Society and one of Phalanx's advisors. He is on the Board of the Rensselaer Newman Foundation and an Adjunct Trustee at La Salle Institute, a local private high school. Carletta has also served on various advisory boards related to higher education and legal issues and has received honors for his contributions in these areas.

His retirement reception will be on Friday, November 20 at the Heffner Alumni Great Room from 4 pm to 5:30 pm and all students, faculty, and staff are invited.

The Poly appreciates your years of service to RPI!

Editorial

Wednesday, November 18, 2015

Bringing us together

The Polytechnic Editorial Board is saddened to hear of the loss of lives in the tragic terrorist attacks that occurred in Paris and Beirut this past week. We extend our sincerest condolences to the families and friends who lost loved ones in the harrowing attacks.

It is appalling how willing some humans are to attack, maim, and murder their brethren who are, if not of the same nationality, of mankind. We find the hatred spewed by terrorist groups, like ISIL, Al Qaida, the Taliban, and Hamas, inhuman, reprehensible, and unforgivable. We commend the governments that have put forth varieties of efforts to protect their citizens in hopes of making the world a safer place for all.

Through students' responses and President Jackson's emergency Town Hall Meeting, it is apparent that the entire RPI community stands in solidarity with countries impacted by the attacks. If you're interested in contributing to relief efforts in Paris or Beirut, we recommend donating to the French Red Cross or to the Mercy Corps. Donations can be made to the French Red Cross by visiting <http://poly.news/s/qt5x0/>; and donations to the Mercy Corps can be made by visiting <http://poly.news/s/12t3y/>. These are only a small subset of the hundreds of organizations that have committed to helping survivors and victims of the attacks; we offer support to these aid groups for providing the immediate relief to those who need it.

EDITORIAL NOTEBOOKS

Swiping right on romance Convenient app simplifies the dating process

ALLOW ME TO BE FRANK; I HAVE 1,500 Tinder matches. Therein lie 1,500 potential romances, or at least 1,500 people who were ambivalent enough to swipe right on me when my picture came up on their smart phone. I would be lying if I said there wasn't something validating about the fact that a population roughly the size of my high school took time out of their day to scroll through my Facebook photos. But at the same time, I can't help but wonder what consequence my Tinder following can possibly bear.



Nathan Dorer
Associate Copy Editor

Tinder is an app that markets itself as a dating service, allowing users to scroll through profiles of other people on the service in hopes of creating matches. The app allows users to streamline the dating process by quickly determining who they find physically attractive or interesting based on their profile. Users swipe right on a profile if they are interested, or left if they'd prefer not to match with that user. In today's age of instant gratification, the app serves

as a salient reminder of the revolution of modern dating.

The service provided by Tinder caters directly to the one-night-stand mentality that has become notably prevalent on college campuses. With the dawn of hookup culture, the app appeals directly on the initial physical attraction that drives angry 20-somethings to make decisions they regret within the space of 24 hours. It's like speed dating, with the added security of hiding behind your cell phone screen and a

lack of required eye contact.

It's irrefutable that I've fallen victim to the app's simplicity and self-awareness; the fact that I've spent enough time to have swiped through 1,500 profiles is testament to just that. But what intrigues me is the scope of the app—my sphere of influence has become large enough to start a large militia, or rig a medium-sized local election. The power that Tinder has given me is downright intoxicating, and I revel in it. I have created a following

substantial enough to make an actual difference, all due to that carnal initial chemistry.

As much as I hate to admit it, I genuinely think that such a vain piece of code has made a notable impact on my life. I met my last boyfriend through Tinder; as embarrassing as that is to admit, I'm thankful that an app allowed me to meet someone who I wouldn't have ever been introduced to otherwise. I'll be the first to say that dating apps are a last resort for people who can't find romantic prospects elsewhere, but at the same time they facilitate communication in a way that is undeniably convenient.

Tinder has provided many college students with the convenience of on-demand romance, and the simplicity of the app has created a user base as diverse as it is sexually frustrated. The modern age has presented millennials with the opportunity to expand their horizons beyond physical constraints, and it makes sense that dating would follow suit. Tinder has allowed people to be introduced in a way that is quick, easy, and inescapably satisfying.

the polytechnic

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Living that new experience A continuation of freshman college rambles

MY FELLOW CALIFORNIANS CAN PROBABLY RELATE TO being asked, "why would you leave California for college?" every single time they mention where they're from. It's harsh. It hurts to think about the possibility of being under the warm sun with beautiful beaches; Yosemite on your left, and accessible good food and tech companies on your right. Basically, any RPI student's dream. However, I have a very simple explanation for leaving the Golden State: I'm going back for a job anyways, so I may as well take this opportunity to create as many unique experiences as possible.

In my last notebook, I wrote about how part of me loves procrastinating. But that's not all there is to me—it's not like I got into RPI by being a single-faceted person. The thing is, there's also another part of me that's really excitable and determined to participate in all of the extracurriculars that I'm interested in. Sure, I'm on the Poly editorial board, which takes at least six hours a week, and RPI Bhangra, which takes four to six hours a week, but are these activities really enough? For me, the answer is no.

People always say that you have the chance to reinvent yourself at any point in your life; but the best space to do so is college. When you're at RPI, you have the newfound privileges and the freedom of an adult, but none of the experience or greater responsibilities found in the real world. As an aside, I think that's why we receive the expectations of adults and the treatment of children. It also helps that, even though this sounds like a generic

college plug, there are so many resources available to help when one fails. My sister once told me that my four years are entirely unique because I would be surrounded by people of the same caliber; this is essentially the perfect social scene.

I absolutely agree, and in my opinion, the people who complain about a terrible social life have two options: keep searching or transfer out. Complaining does nothing, as RPI students have yet to learn; it's highly unlikely that, in a school of over 5,000 students, you are a special snowflake who has nobody to relate to. Contrary to popular opinion, the administration is not here to torture us. In fact, the yearly theme of resilience was selected to help us, in response to the national trend where students whine, sit back, and coddle their minds,

as seen here, and as seen in the situation Hubert J. Lecuyer reported about at Yale. Of course, the biggest reason to make the best use of college is that a good deal of us sold our souls to be here. How much is your soul worth?

Taking the above into consideration, this is where the excitable part of me kicks in. I don't know about anybody else, but it's time for me to tell ProcrastinatoRex to beat it, because his show is at an end. In the short four years I have here at college—the land of opportunity and a place different from home—I have to start thinking about the changes and experiences I want to make...eventually.



Rex Hu
Associate Copy Editor

Elections for The Poly will be held in the Poly Office 10 am on December 6.

TOP HAT

Government reaches out

Student senators serve as a resource to students

HELLO READERS OF *THE POLY*,

If you're a regular reader of *The Poly*, you already know that last week we heard a presentation from the Rensselaer Orchestra on issues they are facing in terms of facilities and equipment care. As a Senate, we responded by guiding them towards the correct channels to a solution, and multiple senators expressed interest in personally being a resource for the concerned students.

This week, we will discuss a few of the projects that the Senate has been working on this semester. These include our project to get students more involved

and publicized in media outside of RPI, an update on printer cover sheets, and a reminder on one of our projects from previous years: the student excuse policy. This is highlighting the success that we made as students in providing more flexibility for students seeking excuses from attending class due to outside circumstances such as health and travel. We have received multiple complaints from students on this, so we figured that we need to re-publicize this as an option that students have.

Details on the policy can be found at <http://poly.news/s/qq4b/>.

Next week, there will not be a meeting of the Senate, as most people will have left for the start of their Thanksgiving break. That being said, senate will be having a meeting the following week to present the majority of the projects that we have been



Marcus Flowers
Grand Marshal

working on. A total of five projects will be presented for Senate and student input, and further, we will be having a representative from the Faculty Senate attending once again. If you're curious about what we've been up to, or are looking for what to expect next semester, that's the meeting to attend! It will be held on December 1, at 7 in the Shellnut Gallery of the Rensselaer Union.

As a Senate, we understand that students are disappointed by the postponement of the town hall meeting. However, on Tuesday, December 8, we are looking to hold a town hall meeting for discussion of topics related to what the Senate has been working on. Furthermore, I have started a student discussion group on Summer Arch, and we are looking to meet at least once or twice before

the end of this semester. If you are interested in being a part of this in-person discussion, please let me know as soon as possible by gm@rpi.edu.

Now, completely unrelated to student government, our Hockey Team is beastly. I smell more victories on the horizon.

Now, back to talking about our upcoming break, don't forget to keep doing SOME of your studies over the break! Don't get me wrong, with the crazy amounts of work we do as students, we NEED the mental break. Just make sure you don't ruin December for yourselves.

Feel like bowling? Go to Uncle Sam's Lanes this Saturday with Global Medical Brigades! For \$15, you can have unlimited bowling for two hours, along with free shoes, as well as a raffle to win prizes from local businesses. The proceeds from the event go towards their health care work around the globe. There's a ton of great work going around on campus, so be sure to keep an open eye. Last week I went to the Dance Club's fall show, and it was a great time for everyone who came out!

Best of luck with the end of the semester, fellow students!

-GM 150

DERBY

Victories galore

Past weekend one for the books

HI RPI! I JUST WANT TO THROW a HUGE congratulations to the RPI sports teams this weekend! On Friday night we were able to take on Yale and go toe-to-toe to pull out a 3-2 victory in hockey. Despite a barrage of shots, freshmen Cam Hackett held strong in the goal and only let two slip by. The energy kept up as we went into our game against Brown on Saturday. This

was yet another nail biter, and ultimately ended in a tie between the Engineers and the Bears. There has been a little controversy surrounding the non-goal during overtime, but, regardless, the Engineers have planted themselves firmly as the leaders of the Eastern College Athletic Conference at

this time. Also on Saturday, the football team faced off against our rivals Union College for the annual Dutchman's Shoes Game. With this year marking the 113th face-off in the rivalry, the engineers strode confidently into the longest running rivalry in New York. With a stellar performance on all sides, and even a pick-6, the Engineers were able to clinch the win 23-10 over the *crying* Dutchmen, and brought the shoes home. They have earned a spot in the ECAC Bowl game this Saturday against Buffalo State. Men's and women's swimming and diving both moved up to 4-0 in their respective undefeated seasons. Men's soccer continued their impressive season with the fourth NCAA victory in program history as they edged out Stevens 2-1 in overtime. Great work to all our student athletes, and I wish you the best of luck as you continue your seasons.

I also hope you had the chance to come out and enjoy the 125th Anniversary Gala on Saturday, as we joined in celebrating this unique organization and pillar of student empowerment on campus. I want to thank the 125th Anniversary Commit-

tee for all their hard work and dedication as we continue our celebration. The Rensselaer Union was founded in 1890, and you can actually find the text of the original constitution on the walls of the stairwells between the Rathskellar and second floor. Students came together to further their interests, and create a wholesome experience outside of the classroom, including athletics, clubs, and other organizations. Over more than a century, the Union has grown and evolved with the ever-changing times. I am proud of all that we have done, and how far we have come. We are one of, if not the, last student-run unions in the U.S., with our nearest equivalents being in



Nicholas Dvorak
President of the Union

the United Kingdom. It is a veritable point of pride not just for the Institute, but the students as well. The Union is where you explore your passions, where your voice is heard, and where the hub of campus culture can be found. I'll actually be heading out to a conference this weekend to meet with the leaders of other student-run unions, so if you have any questions I encourage you to send them my way (pu@rpi.edu), and I'll be sure to return with answers next week.

In the world of the E-Board, things are running smoothly and we are all meeting with our clubs as budgeting season looms ahead. A Senate-Executive Board Liaison and Union Annual Report chair will have been appointed by the time this Derby is published. However, I cannot name who I plan to recommend, as interviews have not been completed yet. I highly encourage all students to get involved, and to make your mark. There exists an incredible opportunity for real world experience with the UAR that will be invaluable to your career later in life. Check it out!

LETTER TO THE EDITOR

Broken steam pipe endangers over \$100,000 of student instruments

OVER THE WEEKEND OF OCTOBER 30, A STEAM PIPE in West Hall 325 sprung a leak, causing the humidity in the the room to rise to the point where water was condensing on the walls and puddling on the floor. The problem was discovered on Monday, November 2 by Rensselaer Orchestra French horn player Patrick Celentano '18. "I have music theory on Mondays [before the orchestra rehearses], so I usually bring my French horn with me to West and drop off in the storage room... I opened the door and was immediately hit with a wall of humidity and heat. There were little pools of water on the floor from condensation and any paper that was left in there—music, or otherwise—was wrinkled from saturation," says Celentano. He informed Professor Nicholas DeMaison, director of the orchestra, of the problem, who, in turn, informed the Arts Department administration. According to Burgess, a violin manufacturer, when wooden instruments are stored in locations with improper humidity, they "swell and contract...When [they] get smaller, parts of the instrument, like the top, are under tension, the perfect condition for the formation of cracks and failure of the joints and seams." Burgess recommended a relative humidity of between 40 percent and 60 percent for storage of wooden instruments. When asked if climate control problems were persistent in the orchestra's rehearsal and instrument storage areas, Celentano responded "Yes. West Hall has a good number of problems, but those rooms are particularly bad." In this instance, Celentano only had a mute damaged.

Other students, however, have not been as lucky. Nathan Kiel '18, cellist in the orchestra, had his

cello split due to the lack of climate control in the instrument storage areas this past winter. "Due to the extreme fluctuations in temperature and humidity in that room, the seam between the face of the cello and the sides split and widened. I had to have that gap filled, which has compromised the structural integrity of my instrument, a handmade cello from 1928," says Kiel, who also characterized the climate control problems in West Hall as recurring.

Professor DeMaison was asked his opinions of the instrument storage and rehearsal spaces. When asked about the constant fluctuations in humidity and temperature, he said "I would say it is absolutely problematic for instruments, there's no question." Professor DeMaison added that, in the event of another catastrophic event, it's not a question of the possibility, but rather the extent, of instrument damage. When asked for an approximate value of instruments kept in these spaces, DeMaison performed a survey of the orchestra, and estimated the value at approximately \$120,000, over 75 percent of which is in student-owned instruments.

As a response to this latest in a series of ongoing problems, orchestra students have banded together in an attempt to remedy the situation. On Tuesday, November 10, Celentano approached the Senate on behalf of orchestra members, in an attempt to facilitate communication with the administration and solve the climate control problems as well as other problems facing the program, such as a lack of a budget for sheet music. The Senate passed a motion to charge the project of rectifying the situation to the Student Life Committee.

S. John Trombley '17

"We make a living by what we get, but we make a life by what we give." — Winston Churchill

**Eat lots of
delicious foods
next Thursday...
and the left-overs
for Friday... and
those left-overs for
Saturday.
Happy
Thanksgiving!**

Features

Wednesday, November 18, 2015

GAME REVIEW

Crawl out through the *Fallout* in Boston

Chris Leong
Senior Reviewer

ANNOUNCED ONLY FIVE MONTHS ago by Bethesda at E3 2015, and released on November 10, 2015, *Fallout 4* easily competes for Game of the Year award. Bethesda's last *Fallout* installment, *Fallout 3*, hit stores seven years ago, in 2008, and the last game the video game publisher released, *The Elder Scrolls: Skyrim*, dropped in 2011. The company has spent nearly seven years developing the world of the Commonwealth. This bodes well for players, as Bethesda games are most known for their enormous size and sandbox-RPG style adventures. With the expansive, immersive worlds that *Fallout 3* and *Skyrim* offered and their at least 90 percent ratings on all game review websites, *Fallout 4* proves to be the most anticipated game in years.

Does *Fallout 4* live up to the hype? Absolutely. Taking place in the post-apocalyptic world of Boston, MA in 2287, the game expands upon *Fallout 3*'s universe using an improved *Skyrim* physics engine. The player can establish settlements, build structures using materials found in the expansive world, and attract people to work



Chris Leong/The Polytechnic

THE POWER-SUITED SOLE SURVIVOR STANDS in Diamond City, the post-apocalyptic ruins of Fenway Park in Boston, Massachusetts.

the water, food, defense, and vendor resources in each town. Power armor enjoys a reworked and perhaps more powerful return. Instead of behaving like clothes equippable from the inventory, the

power armor, more aptly put, is a power suit. Power armor, which provides unparalleled personal protection against attacks and radiation and increased strength when worn, can be repaired and

customized at power armor stations. Additionally, unlike the previous *Fallout* installments, the armor requires a fusion core to operate, slowly depleting energy as the character walks around.

The crafting system has also been reworked, allowing every part of guns and armor to be customized; I named my never-ending double-

See FALLOUT, **Page 7**

TV REVIEW

Commentary on acclaimed show's characters

Justin Etzine
Nathan Dorer
Senior Reviewers

Nathan's Review

Gossip Girl casts itself as "your one and only source into the scandalous lives of Manhattan's elite" in the show's intro, but fails to mention the integral roles of the back-stabbing vampires that are Dan and Jenny Humphrey.

To begin, Dan is constantly casting himself as an outsider abruptly shoved into the fast-paced and socially demanding atmosphere of a New York City prep school. As the show begins, the audience

can empathize with Dan—he's unfairly ostracized because he comes from a substantially less affluent background than most of his counterparts on the show. However, Dan's tortured-genius-woe-is-me attitude dwindles relatively quickly as the show develops; the aspiring writer continues to paint himself as a victim despite the fact that he actively attempts to bring down his schoolmates.

While Dan wallows in self-pity, Jenny prefers to channel her outcast status into being outright malevolent towards other characters. Jenny earns the same initial pity, but quickly tosses herself into a fit

of teenage angst. Accompanied by excessive eyeliner and a bad-girl demeanor, Jenny continually makes decisions that further ostracize herself from both New York high society and her family.

The Humphrey family is interesting in that they have few, if any, redeeming qualities. Despite having a relatively troubled background, the characters lack the depth and development that makes *Gossip Girl* such a spectacular show to watch; as the show continues and the rest of the characters grow up, this brother-sister duo continues to make predictably bad decisions.

Justin's Review

There are very few characters I find more interesting than Chuck Bass. From the monster that was widely hated for his deplorable actions in the first season, to a sophisticated, but still calculating, man that we see in later seasons, it's safe to say that when the "old" Chuck and the "new" Chuck are compared side by side, they could very well be two different characters.

There are many reasons that make Chuck one of the most hated characters in the first season. The most notable moments are when he attempted to blackmail Serena about her past, and when he deplorably tried to assault Jenny. These qualities are unacceptable and are great reasons to despise Chuck.

As the series progresses, the Chuck we see changes slowly, but drastically. His maturation, coupled with the death of his father, morphs his character into a more somber, reserved, and introspective man. We still see his more immature side from time to time, but in a much more subtle and nuanced way. Along with the change in personality came some very quotable lines, such as "There's a difference between a great love and the right love," or "You were looking for a fairy tale ending. Next time, rent a movie. Leave me out of it." These exemplify Chuck's newfound qualities, the same qualities that won over fans in the later seasons.

By no means did Chuck become a role model, but it's definitely interesting to see the character development that occurs throughout the series. Chuck becomes a direct foil for himself, and ultimately becomes one of the most wholesome characters on the show.



Courtesy of the CW

GOSSIP GIRL CASTS backgrounds onto the lives of Manhattan's wealthy elite and insight into their complex and dramatic world.

Fallout: Candidate for game of the year

From **Page 6**

barreled shotgun Boomstick, as the gun wielded by Ash Williams from the *Evil Dead*. Both a chemistry and cooking station are included within the game, allowing quick synthesis of performance-enhancing stimulants, medicine, and food. Every time I use it I feel like Walter White. Dogmeat, we need to cook.

No spoilers here. The story begins in 2077, in your lovely house in the suburbs outside of Boston. You and your significant other are raising your infantile son when nuclear bombs drop. Quickly making your way to a safe vault underground, your family is cryogenically frozen as a part of a sick experiment held by the company that owns the vault. Some amount of time later, mysterious strangers release the vault inhabitants from their sleep, killing everyone except you and your son. The strangers then kidnap your son and put you back to sleep. In 2287, as the sole survivor of the vault, you are released from sleep and determined to rescue him. Knowing only the comforts of the pre-apocalyptic world, players begin to explore the dangerous Commonwealth of Massachusetts and the many dangers that lie within it. The mysterious Institute, honorable Brotherhood of Steel, righteous Railroad, and humble Minutemen make their appearances throughout the story and actively push the survivor to make decisions which will irreversibly change the dynamic world of *Fallout 4*.

This game lets players play however they want; it's probably the best part about *Fallout* games. Don't want to complete the main storyline at all? Fine, no problem. There's only about 300+ hours of gameplay outside of it. Want to be a one intelligence, ten strength, angry, no holds barred John Cena? Want to be Sterling Archer, possessing ten charisma and high luck, giving sarcastic responses at every turn? By all means, the face customization and player perks can let you do that. I know I'm playing a ninja, undetectable and pickpocketing anyone I see. This is the most immersive game that I've played



Chris Leong/The Polytechnic

THE DESERT REMAINS OF A CRUMBLING RED ROCKET GAS STATION EVOKE conflicting feelings of loss and hope.

since, well, ever. And with good reason; *Fallout 4* on the peak of its first day had the third most concurrent players of all time, trumped only by *Defense of the Ancients 2* and *Counter Strike: Global Offensive*. Additionally, the *Fallout* subreddits are filled with people that claim that they took sick days off from work to play the game at midnight. And all reviews by people that played the pre-release claim the installment to easily be the Game of the Year. With its post-apocalyptic backdrop,

immersive, role-playing style gameplay, and reworked combat system, *Fallout 4* drops onto the video gaming scene with an explosive release.

Chris's rating: 9.5/10

CAMPUS EVENT

A cappella resonates

Elisabeth Ryan
Senior Reviewer

ON AN OMINOUS FRIDAY THE THIRTEENTH of November, the on-campus a cappella group, the Rensselyrics, hosted a show in the Chapel+Cultural Center entitled (Un)Lucky in Love with guest appearances by other on-campus a cappella groups, Partial Credit and Duly Noted. The songs chosen for their setlist were centered around the concept of love, be it broken, fulfilled, or unrequited. Their choices varied from pop favorites, to obscure alternative; because such different categories were acknowledged, I shall review those categories separately.

Beloved oldies, such as "Why Should I Cry for You" by Sting, "Kiss Me" by Sixpence None the Richer, and "Stacy's Mom" by Fountains of Wayne were executed beautifully. "Why Should I Cry for You" was a somber, haunting piece that had chills coursing my skin; it was done in a more traditional choir fashion and had minimal choreography and facial expression. "Kiss Me" was jovial, with alto Kelsey Ham '16 singing the solo. Supporting her, the Rensselyrics employed homogenous tone color, allowing her to not be overpowered. "Stacy's Mom", with its uplifting beat and comedic performances by the Rensselyrics, had the audience laughing and clapping along.

While I'm a huge fan of the choral style that the Rensselyrics utilize, I'm not overly impressed when that style is coupled with pop songs that are upbeat and require much "beat-boxing." However, in "Stacy's Mom", that problem didn't exist. It did in the Rensselyrics' rendition of "Rude" by MAGIC! Soprano Emma Speaks '19 soloed well in "Rude" displaying a capacity for a deeper range for a soprano, but I felt that the style of the accompaniment was awkward in juxtaposition.

Newer love songs that were successes included a mash-up of "Stay" by Rihanna and "Stay with Me" by Sam Smith, and "Blue

Ocean Floor" by Justin Timberlake. The complexity of these pieces, along with the superbly executed choreography, made for perfection. In "Stay/Stay with Me," Ham and alto Grace Rugaber '18 appealed to the audience in an interesting clash of singing styles in their duet. Ham's voice is light and whole, reminiscent of Florence + The Machine, while Rugaber's is darker and more melodic. Tenor Ajay Sharma '15 enacted a perfect JT impersonation in his solo during "Blue Ocean Floor," hitting high, sweet notes with accuracy and charm.

Lesser known pieces included "Your Call" by Secondhand Serenade, "Honeybee" by Steam Powered Giraffe, and "Ugly-Pretty" by Christine and the Queens. As a fan of Secondhand Serenade, I had rather high hopes for this piece. The result was a notch under what I was expecting, although still a well-done ensemble, with solos by Jonathan Gottwald '17, Katie Jones '15, Barret Soisson '18, and Taylor Methé '17. The remaining two, however, took me by surprise. "Honeybee," with solos by Jonathan Williams '18, Sharma, and August Rulewich '17, was a testament to a good, old-fashioned love song, with intricate melodies and well-done performances, especially by Williams. "Ugly-Pretty," another of my favorites of the night, featured Rugaber with the Rensselyrics creating a web of intricately woven voices.

Partial Credit and Duly Noted also performed well that night. Partial Credit had a rocky start but finished strong with a thrilling solo by soprano Claire Thomas '19. Her high notes were the clearest of the night. Duly Noted upstaged the Rensselyrics with their charismatic exhibition and high energy, and I am looking forward to their concert in Mother's.

It is clear that all those who performed that night were rich in talent and I am, by far, more than impressed. I encourage any and all to attend a concert in the future.

ALBUM REVIEW

Artist Spektor inspires

Nathan Dorer
Senior Reviewer

FIRST RELEASED ON JUNE 13, 2006, REGINA SPEKTOR'S ALBUM *BEGIN TO HOPE* WAS THE ARTIST'S first to achieve widespread critical success; while the album debuted at number 70 of Billboard's Hot 200, the hit song "Fidelity" allowed the album to peak at number 20. The album plays to a intricate, mellow, carefully worded sub-genre of indie-folk that creates a sound that's as playful as it is personal. Spektor's voice speaks to themes as common as falling as love and as dark as drug addiction; *Begin to Hope* employs such a variety of sounds and ideas that nearly any listener can find something profoundly moving.

The album begins with the aforementioned "Fidelity," where upbeat pizzicato on the cello with a firm piano backbone recounts the narrator's experience of falling in the love. Fidelity is as much about becoming intimate as it is the longing that one feels for another before they can come together. "I hear in my mind all of this music," the narrator of the song declares, only to continue with "but it breaks my heart" in a bright staccato. It's a song that speaks to the fear that someone feels while committing to someone, as much as it is about the overwhelming relief someone feels when they realize their vulnerability has afforded them romance.

Later in the album, Spektor carefully criticizes the emotional defensiveness of one night stands in her aptly named "Hotel Song." Within "Hotel Song," Spektor uses the analogy of a hotel as it allows someone to feel at home until they inevitably check out. The song is a bouncing synth piece lined with crisp percussion in which the narrator invites the listener into a personal worldview. Some of the first lines in the song are, "Come into my bed, I've got to know you," which are quickly followed up by the narrator fiercely stating that "you will never be my dear, dear, friend." The lyrics of the song stand to show the disjoint in physical intimacy and emotional compatibility during an instance of casual sex.

One of the most artistically interesting songs on the album is the grungy rock anthem "That Time" in which Spektor takes the opportunity to create the intense narrative of a couple that devolves through a drug addiction. The lyrics are set up as a series of parallel sentences in which the narrator of the song prompts her lover to "remember that time." The song travels through the series of quirky misadventures that the couple goes through, but ultimately ends when the narrator somberly reminisces about "that time when you ODed," and "that other time when you ODed, for the second time." The song created by Spektor casts light on the highs and lows felt by the drug addicted couple and provides a keen insight into the intimate lives of drug users.

Despite being only 25 at the time of the album's release, Spektor managed to create a piece that was both incredibly unique and notably diverse in its composition; the artist manages to appeal to an absolutely enormous demographic by applying her careful insight to such a variety of topics. The character of Spektor's music has a sweet disposition, but also doesn't shy away from heavy topics. Consequently, *Begin to Hope* is as poetic as it is powerful.

If you have an idea for an article, send it to features@poly.rpi.edu

CAMPUS EVENT

Pride Alliance puts on raunchy drag show

Drag queens grace the stage of Academy Hall and entertain students

Elizabeth Pontius
A Special to The Poly

EVERYONE HAS THAT ONE FRIEND—THE PERSON THAT SWEEPS IN RIGHT AS LIFE GETS TOO PREDICTABLE and gives a new definition to excitement. Mine, without fail, steered me to the front steps of Academy Hall at 8 pm Friday night. The normally stoic building was dressed up in rainbow streamers and balloons, a welcoming invitation by the Rensselaer Pride Alliance to come in and enjoy a quality Drag Show.

RPI was graced with “The Final Show” by the lovely Penny, the host for the evening, in what was to be her last time hosting such an event since she started back in 2009. Joining her were Sherri Love, Ophelia Nighly, Pacifica Rim, Carmie Hope, and Frieda Munchon. Together they made for a truly unforgettable night, showcasing their various talents and bold personalities. Be it through singing, dancing, lip syncing, or acting, the ladies kept their audience captivated. It was a wild ride, yet, even through the plethora of dirty jokes and literal candy flying across the room, the pure talent of these queens shone brighter than their sequined dresses under spotlights. I hadn’t the slightest clue of what to expect when I walked in, but everything came as a pleasant surprise: there was glitter galore, sass to spare, and I can say that performing a cartwheel and dropping into a split all while in four-inch heels has never looked so effortless.

Everyone had their own time in the spotlight; even audience members got to take a turn up on stage! Penny and friends would often come down into the crowd to interact and occasionally bring up some particularly brave volunteers to participate in friendly competitions, such as “Best Ass” and “Best Boobs.” These playful contests helped bring out some hidden confidence in the volunteers. It was through such means that they managed to sniff out the rare straight male in the whole venue and rope him into being a judge for the latter competition. With participants lined up waiting to be judged, Penny asked him the hard-hitting question that no doubt every guy should ponder: “Do you prefer half-and-half, skim, or milf?”

They had won our hearts by the end of the night, what with their humor, flair, and footwear that could put any shoe-lover to shame. But, when ten o’clock rolled around and the promising fluorescent lights of Moe’s could no longer be ignored, Penny bid us farewell in order to sate her need for a chicken quesadilla.

The gathering, while small, was representative of a greater cause; not only are all of the night’s proceeds going to be directed to benefit the Albany Damien Center, but this was also an



Jack Wellhofer/The Polytechnic

A DRAG QUEEN PERFORMS with intensity, entertaining and surprising the audience.

important assembly for the pride community. The show attracted a colorful crowd that differed greatly in gender, age, and sexuality. Even after the show was over, I was happy to notice that the audience remained to mingle, a new togetherness having been instilled in them.

For those who missed out on the opportunity, the show’s recording will be available on RPI TV’s website at <http://poly.news/s/7oh1t/>.

GAME REVIEW

Blizzard delivers most exciting adventure yet

Players ‘discover’ the first wing of *League of Explorers* in new update

Tyler Carney
Senior Reviewer

I HAVE BEEN PLAYING *HEARTHSTONE* SINCE THE FIRST OFFICIAL season back in April 2014, so I have been there for every adventure and expansion Blizzard has released. *Hearthstone*’s previous expansion left much to be desired. With the newest

adventure, *League of Explorers*, Blizzard has given players the best Players vs. Environment content to date.

LoE came as a surprise to the *Hearthstone* community. In the past, Blizzard has announced an update and then forced players to wait a month or more to play it. With *LoE*, they gave players only a six day notice. I thought this short amount of time between announcement and release was a

great change of pace that I hope they continue with.

The general premise of *LoE* is that you are helping four other adventurers recover the Staff of Origination. In each wing you help one adventurer. The wings are released on a weekly basis and in the first one you are tasked with helping Reno Jackson in the Temple of Orsis. In this adventure I feel the story really shines through in the narration and fights. For instance, in the second fight, you face Sun Raider Phaerix, who is the holder of the portion of the staff we are trying to retrieve. During the fight, whoever holds the staff is invincible. This inclusion of plot into an actual battle was an interesting dynamic that I thought was very well done. The battle itself was also fun due to the need of balance control of the staff and attacking Phaerix. The uniqueness of adventures is what makes them such a great experience in *Hearthstone*.

After defeating Phaerix, you face the best part of the first wing. In this fight, you are in a race against time to escape from the temple. There isn’t anybody that you have to defeat, you just have to live for 10 turns. This completely changes the strategy for the fight. It again also ties the story in beautifully. Feeling the rush of having to escape in time, the choices that need to be made to get out, and the inclusion of a huge rolling stone ball all made this so interesting and fun.

The other portion of *LoE* apart from the main story are class challenges. I haven’t been a fan of the majority of class challenges in past adventures, so I wasn’t expecting much from this one either. I played through the first two that came with this wing just to unlock the cards, and I won’t be going back to play them again like I will the main adventure. They were so bland I don’t even remember what classes I played as.

This adventure will release 45 new cards and a new mechanic called discover. Without going into too much detail, I don’t think discover will be a game changing mechanic. None of the new cards screamed “amazing” to me either; there wasn’t a reaction like I had to Emperor Thaurissan from the Blackrock Mountain adventure. Only time will tell which cards will be impactful, and I’m hoping that some make up for the pitiful Grand Tournament expansion.

Overall, I am pleased with the *League of Explorers*. If Blizzard can release three more wings as interesting and varied as the first, this will be hands down my favorite update to *Hearthstone*.



Courtesy of Blizzard

THE FOUR ADVENTURERS BASK in the glory of the coveted golden monkey and conspire together to obtain it.

Events

Wednesday, November 18, 2015

WEDNESDAY

November 18

The Mueller Center hosts a workshop with Tomie Hahn, Arts Professor and Director of the Center for Deep Listening at Rensselaer. Activities include Deep Listening, mindfulness, and “banding” practices that will inspire creativity as well as a sense of calm. Through giant rubber bands, participants are able to sense each other’s subtle movements and presence. It will be held in the Mueller Center from noon–1 pm.

The Civil and Environmental Engineering Fall seminar series continues with Dr. Scott Le Vine. His seminar is titled “Automated Road Vehicle: Consequences for Transportation Operations and Planning.” It will be held in Jonsson Rowland Engineering Center 3117 from 1–2 pm.

The Lally Supply Chain and Analytics Seminar hosts Lindsey Rappleyea. The title of her seminar is “Supply Chain Success in Modern Industry: The Impact of New Product Development and Innovation on Supply Chain Management.” It will be held in Center for Biotechnology and Interdisciplinary Studies’ Lower Atrium from 4–6 pm.

The Experimental Media and Performing Arts Center presents the seventh screening in On Screen/Sound. The feature film of the evening, *Brian de Palma’s Blow Out*, finds a movie sound-effects engineer in the wrong place at the wrong time as he unwittingly records the sound of a murder and is drawn into a web of intrigue. It will be held in the Concert Hall at 7 pm for \$6.

THURSDAY

November 19

Dr. Rahmi Ozisik leads Undergraduate Prep for Successful Admissions to Graduate School. Learn about educational activities to prepare you for graduate school, when to apply, how to write a compelling statement of purpose, how to find a faculty research advisor, and more. It will be held in the Darrin Communications Center 324 from 7–9 pm.

The RPI Players present *The Love of Three Oranges*. Based on a scenario by Carlo Gozzi, it provides a wild, raucous slapstick comedy that is completely retooled and revised for today’s audiences. Prince Tartaglia’s life is filled with misery until an evil witch curses him to search for three giant oranges. But this quest proves more fruitful than anyone could have imagined as a once-lonely prince discovers love, friendship, and laughter. It will be held at the RPI Playhouse from 8–10:30 pm and the cost is \$5.

FRIDAY

November 20

The CBIS Graduate Student Association hosts Science and Sandwiches. Enjoy sandwiches while listening to CBIS graduate students give short talks about their research. It will be held in the Biotech Auditorium from noon–1 pm.

The Computer Science Department hosts Dr. Mike P. Wittie from Montana State University. The title of his presentation is “How Fast Networks Will Make the World a Better Better Place.” It will be held in the Folsom Library Fischbach Room from 4–5 pm. Refreshments will be served prior to the event.

Union Programs and Activities Committee Cinema presents *Straight Outta Compton*. Screenings will be in DCC 308 at 7 pm, 9:30 pm, and midnight. The cost is \$2.50.

The RPI Players present *The Love of Three Oranges*. Refer to Thursday for details.

The Rensselaer Union sponsors Armory After Dark. It will be held in the Armory from 9 pm–1 am.

SATURDAY

November 21

The Embedded Hardware Club hosts its annual Silicon Chef competition, where teams compete to complete a certain objective, revealed at the start of the event, for prizes! Registration is required and can be found at <http://poly.news/s/kq7xy/>. The event will take place in JEC 6204 from 10 am–4 pm. Lunch will be provided.

Global Medical Brigades hosts bowling at Uncle Sam Lanes from 3–5 pm. For 15 dollars, you get unlimited games and are entered into a raffle to win great prizes. Half of the proceeds will go directly to purchasing medications for their upcoming medical trip to Nicaragua, where they will be setting up a clinic in an under-served community and providing free healthcare.

The School of Architecture sponsors the Positions Series : “WHAT GROUND?”, an inquiry into the ways in which the ground has veered from its traditional figure-ground relationship absorption within architectural and urbanistic constructs. It will be held in the Greene Building’s second floor gallery from 2–3:30 pm.

UPAC Cinema presents *The Joy Luck Club*. Screenings will be in DCC 308 at 7 pm, 10 pm, and 1 am. The cost is \$2.50.

MONDAY

November 23

Master’s Theses are due in the Office of Graduate Education.

The Mueller Center hosts a meditation class from 6:15–7:15 pm in room 2104. Spend an hour to learn a simple yet effective way to de-stress and revive your energy, or to possibly get yourself ‘blissed out’ sitting comfortably in a chair. Learn from someone with more than 30 years practicing and teaching meditation to newcomers.

Tuesday

November 24

Resident Dining Halls close after dinner for Thanksgiving Break.

Last day to defend doctoral dissertations.

Last day for students to alter their pass/no credit designation for courses.

Thanksgiving recess begins after the last class of the day. Classes will resume Monday, November 30.

Tri Beta Biological Honors Society applications due. TriBeta is a society for students, particularly undergraduates, dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research. Applications can be found at <http://poly.news/s/12t3y/>.

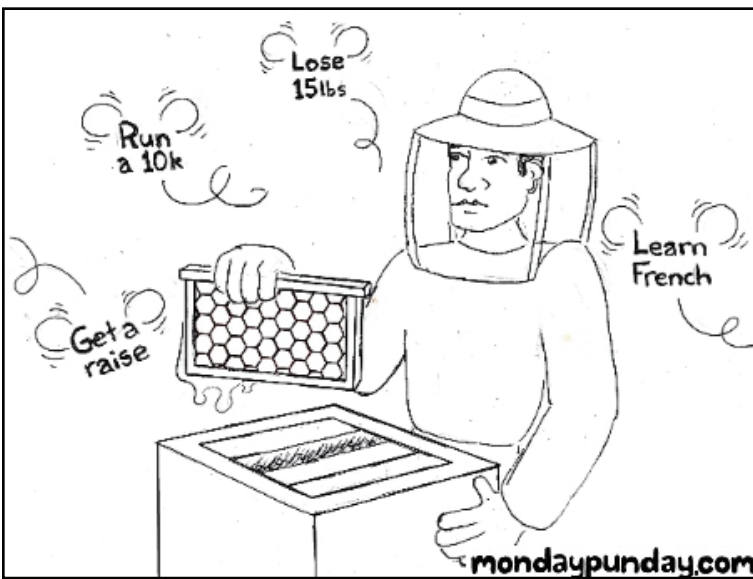
*The Poly wishes everybody
a wonderful Thanksgiving
Break!*

TOP TEN LIST

Top Ten Subreddit Combinations

10. /r/ooer+webdesign
9. /r/nottheonion+theonion
8. /r/johncena+potatosalad
7. /r/Floridaman+NewsOfTheStupid
6. /r/dadjokes+fellowskids
5. /r/cat+cat
4. /r/mit+shittyaskscience
3. /r/clarkson+tifu
2. /r/union+explainlikeimfive
1. /r/rpi+salt

MONDAY PUNDAY by Matthew Broussard



WORDFIND by Maria Kozdroy

Words can be found forwards, backwards, up, down, and in both diagonals.

Places where I wish I could be

O R Y J V V B Y H S L C F P M
 O S K C L A D A N C X A Y Q F
 C L O O H C S I T D A R K P C
 J G N G E A A E N H A E D E G
 R N K U Z T F A X M R S B G Y
 K Q B Z N I B E I M C O A R M
 M A U U D O B D O U O S O D N
 D Z O I G N S M O D N Q O M E
 N M O I M W W H Y S X Z X W P
 P Y K J N Y K K F M B Y T M J
 S H S L R G O S R B X Q N E B
 Y T J B N M W S Y D N J A Q I
 D D O R M I T O R Y V M R Q D
 P C D T M N B W Y D C U U K B
 P S U V Q E T H N H U I A E K
 M A L L D B M O Y W A H T M Z
 O Y U C O C F N R C M V S O G
 X T K R M S R V D J Y G E H P
 I I W U R V W M U A Y O R Y O

- | | | |
|-----------|-----------|------------|
| Band | Gym | Pyramids |
| Bathroom | Home | Restaurant |
| Beach | Lake | School |
| Bed | Mall | Vacation |
| Dormitory | Mountains | |

DILBERT

by Scott Adams

SUDOKU

	3		4	7			6
					3	9	8
9	5						
7			9	2			1
			4	8			
8			3	1			4
						5	9
	2	9	1				
5			7	8			6

Previous Issue's Answers

4	6	8	5	1	9	7	3	2
9	5	7	8	2	3	1	4	6
1	3	2	6	7	4	5	9	8
6	1	9	4	5	8	2	7	3
7	8	5	2	3	6	4	1	9
2	4	3	7	9	1	8	6	5
5	9	4	1	6	2	3	8	7
8	2	6	3	4	7	9	5	1
3	7	1	9	8	5	6	2	4

Fill in the grid so that each row, column, and 3-by-3 subsquare contains exactly one occurrence of the numbers 1 through 9.

CROSS COUNTRY

Women make history at regional invitational

Michael Baird
Senior Reporter

CLIMBING TO 13TH IN NATIONAL rankings since the cross country season kicked off in September, the women's team showed 44 teams what they were made of on Saturday when they placed third overall at the NCAA Division III Atlantic Regional Championship Meet held at Letchworth State Park just outside of Geneseo, NY. Never in Rensselaer women's cross country history has the team performed this well at a regional meet.

The icing on the cake came on Sunday when the team received word that they had earned a bid for the national championship meet to be held on Saturday in Oshkosh, WI.

"We actually found out on Sunday at about 3 pm, and we are definitely heading to Nationals!" said junior women's co-captain Maddie Dery, who placed 12th in the 266-person women's 6 km race. "I cannot even begin to describe how excited we all are...this has been our dream ever since the end of last track season when we found out that it was a realistic goal."

Seven women represented the Engineers on Saturday's course. 22 minutes and 7.2 seconds into the race, sophomore Jaime Lord crossed the finish line to take fifth place overall and first for RPI.

"Regardless of how we finish at Nationals, I am just so proud

of all of us girls for the hard work and commitment we put into this sport," said Lord. "To go from last year, where we weren't even ranked nationally, to now where we are ranked 13th, is just unbelievable."

Senior and women's team co-captain Shannon Trant came through shortly after Lord, placing eighth in a time of 22:16.6. Following her was Dery, after whom came junior Mary West in 28th place in 22:54.1. Junior Alexa Sakorafos, who placed 50th with a time of 23:21.8, was the final scored team member, earning the women 103 points.

"The mental and physical efforts that have gone into this season to get to nationals can be attributed to [Coach John] Lynch," said senior runner Isabel Johnson. "It is no shock to me that we are going to nationals, because we have earned it! We have worked hard and will continue to work hard until we hit the finish line in Oshkosh."

The Geneseo Knights took the meet with 75 points. Oneonta was the runner-up with 89 points. Just as St. Lawrence University was defeated by RPI at the Liberty League Championship Meet last Saturday, they again fell behind RPI to place fourth with 128 points. Their top runner, Megan Kellogg, won the race with a time of 21:44.6. This was her seventh straight victory for the 2015 season.

Junior Ben Fazio took to the lead pack of the 288-person men's 8 km

race from the start, and ended up placing fourth in the race to clinch a berth in the national meet. His time of 25:22.6 was 11.5 seconds behind the leader from Geneseo's time.

Falling in behind Fazio for the Rensselaer men were freshman

Grant O'Connor in 30th place at 26:10.2, sophomore Matthew Stewart in 48th place with 26:29.8, freshman Sean O'Connor in 57th place at 26:36.8, and senior Steve Hammar in 68th with 26:45.2. Juniors Garret Davis and Mat-

thew Cicciu also ran, but were not counted in the score, which was 207 for RPI. Geneseo took the meet for the men with 54 points, while St. Lawrence came in second with 68.



Photo Credit: RPI
Courtesy of Peter Duncan

THE WOMEN'S CROSS COUNTRY TEAM MADE history after becoming the top 13th nationally ranked team. On Sunday, the group recieved the news that they had earned a bid to compete in the national championship.

MEN'S SOCCER

RPI conquers Stevens, falls to Brandeis

Jack Wellhofer
Senior Reporter

RPI MEN'S SOCCER SPENT THE WEEKEND IN WALTHAM, Massachusetts, participating in the NCAA tournament. The Engineers defeated Stevens Institute of Technology 2-1 on Saturday, and lost to Brandeis University 1-2 Sunday, barely missing the Sweet 16.

The first half of Saturday's game was uneventful for both sides. Neither team was able to take the lead, with only nine shots on goal between the two teams. Ultimately, it would be the second half and overtime that would decide the game.

In the 54th minute, senior midfielder Matt Carberry defended a Stevens attack. Working quickly and taking advantage of the opportunity, Carberry connected with senior forward Nathaniel Gunderson, who also saw the golden

opportunity. Gunderson beat his defender and, seeing the Duck's keeper was off his line, gave the Engineers a 1-0 lead.

Not to be outdone, Stevens fought back and put the pressure on RPI sophomore goalie Ryan Nealon, who had to make five saves during the second half to keep the Stevens onslaught at bay. Rensselaer was almost out of the woods when, in the 89th minute, Stevens forward Carson Pryor passed to forward Jeff Althoff, who had made a diagonal run past the Engineer's defense. Taking a touch to settle the ball, Althoff was able to slip one past Nealon to tie the game and push it overtime.

Seven minutes into overtime, Gunderson was again on the attack. Before he could get a shot off, he was tripped from behind inside the box, giving RPI a golden, although less glorious, opportunity. Senior Paul Lentine was brought up from RPI's defense and drove the penalty kick into the net, sending the Engineers into round two.

On Sunday, RPI faced Brandeis late in the afternoon. The Engineers came ready to fight, knowing that the Brandeis Judges had lost just two games this season. Brandeis scored first when a free kick allowed Josh Ocel to find Patrick Flahive, who finished the ball with a header past Nealon.

Although Brandeis controlled the entire game, they were unable to work past RPI's defense, keeping the score at 1-0 Judges.

It seemed that one goal would be enough to win, until the Engineers were given an opportunity in the last minute of play. A free kicked caused Brandeis goalie Ben Woodhouse to come off his line and punch the ball away. However, it was junior Andrew Gondeck who got to the ball first, and was able to take a shot. Although it was defended, RPI was persistent—at no point ready to give up the fight. Lentine again played an important role, collecting the now twice rebounded ball and managing to tie the game.

It would take two overtimes before the match was resolved. In the 102nd minute, the Judges took a page from the Engineers' book, recovering a rebounded free kick and bringing RPI's season to a close.

The Engineers barely missed out on the Sweet 16, finishing with a season record of 12-5-3.



Sidney Kochman/The Polytechnic

JUNIOR DEFENDER ANDREW GONDEK SHIELDS the ball from the opposition of Kenne State College. (file photo)

WOMEN'S ICE HOCKEY

Dartmouth and Harvard defeat Rensselaer

Kay Sun
Senior Reporter

AT 7 PM, ON FRIDAY NOVEMBER 13, THE RENSSELAER WOMEN'S ICE hockey team went to Hanover, NH to play against Dartmouth College. In the first period, Dartmouth started by getting a power play at 2:43 and made one shot on net, which was saved by freshman goalie Lovisa Selander. Later, RPI also got its first chance at a power play at 09:05. However, the Engineers failed to capitalize on that advantage and let Dartmouth make three shots, while RPI only had one. Dartmouth's second chance for a power play started at 15:41; after two attempts, it finally seized the opportunity with only 26 seconds left. Dartmouth forward Lindsey Allen scored the first goal for Dartmouth with assistance from defender Eleni Tebano. During the entire game, RPI failed to organize effective offense. With a short-handed goal at 12:59 in the second period by Kennedy Ottenbreit and assisted by Hailey Noronha, a goal shot by Ailish Forfar and assisted by Allen and Laura Stacey, and a fourth goal accomplished by Brooke Ahbe and assisted by Ottenbreit and Noronha, Dartmouth finally won the game with 4-0.

Throughout this game, RPI continuously lost its dominant position in power plays. The Engineers only made 21 shots in the whole game, while the more active Dartmouth had 39 shots. However, freshman goalie Selander's well-performed saves were some of the biggest highlights of the game. Although technically, the saving percentage of Selander, 89.74 percent, was lower than that of Dartmouth's goalie, it is important to consider the overall inactiveness in saving percentage.

At 4 pm on November 14, the Engineers confronted their sixth Eastern College Athletics Conference Hockey opponent, Harvard University, in Cambridge, Massachusetts. In the first period, the game went into stalemate with only seven shots by RPI and eight shots by Harvard. At 09:39 in the second period, the deadlock was broken by a goal from RPI freshman forward Taylor Schwalbe, with assistance from senior defenseman Jenn Godin and senior forward Mari Mankey. Harvard quickly followed with a goal at 11:21 in the same period. Harvard



Sidney Kochman/The Polytechnic

THE ENGINEERS STRUGGLE against the fierce opposition posed by Harvard College of Cambridge, MA. (file photo)

eliminated the Engineers' advantage in less than two minutes and tied the game. Despite 21 shots in the second period, RPI failed to make further progress in scoring. In the last period, both Harvard forward Grace Zarzecki and RPI senior defenseman Godin were penalized at 10:16 respectively for embellishment and holding. Shortly after the coincidental minor penalties, Harvard forward Miye D'Oench, with the help of forward Haley Mullins and forward Sydney Daniels, seized the great opportunity at 12:51, and scored the game-winning goal for Harvard University.

In this game, RPI won 25 face-offs out of 49, made 33 shots and got one power play goal. Given everyone's average performance in this play, it is obvious that the Engineers, as an entity, are ceaselessly making progress and developing better coordination with team members. With the current 2-3-1 in ECAC, Rensselaer will have a performance game with McGill University at 2 pm on Sunday, November 22 in Montreal, Quebec and meet Yale University head-on in its 7th ECAC game on Friday, December 4, at 3 pm at the Houston Field House.

SWIMMING AND DIVING

Meet winning streak continues for Engineers

Michael Baird
Senior Reporter

WHETHER AT HOME OR AWAY, THE POOL never ceases to whet the Rensselaer men's and women's swimming and diving teams' thirst for victory. Not only did both teams manage to drown out the Vassar Brewers at Saturday's home dual meet at Robison Pool, but they also sunk the Hartwick Hawks at their away dual meet on Sunday. The men scored 195.5 to Vassar's 100.5 on Saturday, while the women's score was 188.5-111.5. On Sunday, the women led by a margin of 87 points, winning 190-103. The men also won 151.5-142.5.

Right off the bat, the women charged ahead with a victory in the first event of the evening on Saturday: the 200 yard medley relay. Freshman Amanda Wang, junior Siena Sara, sophomore Shanny Lin, and sophomore Jessica Sauve were responsible for the positive outcome. Sauve, who was the anchor leg, swam the fastest lap of the race in 25.3 seconds, putting over five seconds on the competition from Vassar.

In addition to her contribution in the relay, Lin swam a 2:04.5 in the 200 butterfly and a 58.8 in the 100 fly. Sara took the 100 and 200 breaststrokes in 1:10.0 and 2:27.4, respectively. Wang captured the 100 and 200 backstrokes in 59.9 and 2:10.8, respectively. Sophomore Danielle Sauve placed first in 100 freestyle with 54.9. She also helped the 400 free relay team to victory, which included Wang, sophomore Michaela Yamashita, and sophomore Erin Kane in addition to herself.

The men also made a name for themselves on Saturday, posting individual victories from junior Andrew Klobucher, junior Richard Dong, sophomore Brandon Koo, freshman Alex Athanassiadis, freshman Alex Chused, and freshman Dan Hendricks. Klobucher

took the 100 and 200 freestyles, Dong the 100 backstroke, Koo the 200 backstroke, Athanassiadis the 3-meter dive, Chused the 1-meter dive, and Hendricks the 200 individual medley and the 500 freestyle. Team victories came in the 200 medley relay and 400 free relay.

When Sunday rolled around, the teams took to the pool at Hartwick College in Oneonta, NY. Chused took 1-meter and 3-meter board diving events, Dong the 100

and 200 breaststrokes, and Hendricks the 500 and 1000 freestyles. Freshman John Alberta blew away the competition with his 48:19 in the 100 freestyle.

Senior Maddie Miller snatched both diving events for the women to help them clinch victory. Wang took the 100 and 200 backstrokes, Lin the 100 freestyle, Yamashita the 100 and 200 butterflies, Jessica Sauve the 200 breaststroke and 200 freestyle, Danielle Sauve the 50 and

1000 freestyles, and Sara the 100 breaststroke. The team of Wang, Lin, Kane, and Danielle Sauve won the 200 free relay and the team of Lin, Yamashita, Sara, and Jessica Sauve conquered the 400 medley relay.

Next on the agenda for the Engineers are the Liberty League Championships, which begin on December 4, with diving events to be held Union College and swimming events to be held at home at the Robison Pool.



Jack Wellhofer/The Polytechnic

THE VASSAR BREWERS AND THE HARTWICK HAWKS COMPETED against RPI on Saturday and Sunday respectively. (file photo)

Sports

Wednesday, November 18, 2015

MEN'S ICE HOCKEY

Engineers banish Yale Bulldogs to doghouse

Sean Beacham
Staff Reporter

THE ENGINEERS HAD TWO CHALLENGING GAMES THIS WEEKEND against Yale and Brown on Friday and Saturday, respectively. RPI came out strong on Friday night and scored a goal within a minute and a half of the start of the first period. The goal was put up by senior Mark Miller with a snap shot from the top of the slot assisted by sophomores Drew Melanson and Lou Nanne. The goal did not go unanswered for long. It was only five minutes later that Yale's Bulldogs tied the score 1-1 with a rush on the net. The game stayed tied for the rest of the period with only one penalty on the Engineers. The Engineers' goalie, freshman Cam Hackett, had 15 shots put on him in the first period while Yale had 16 put on their goalie the entire game.

Nanne slipped one by the Bulldogs' goaltender while two of the Engineers screened. Another few minutes of play and the second period ended with a score of 2-1. As the third began, the Engineers played a strong defensive game, only attempting three shots on the net the entire period. Unfortunately, on a Bulldogs' power play, Yale tied the game again with a rebound opportunity from a direct shot from the hash marks.

The game went into overtime with both teams giving their all to win. Yale won the faceoff and took it into the Engineers' end. They ripped shot after shot at Hackett but either he or the other players blocked every one. Some shots went wide but one hit the post, only inches from being a goal. After some amazing defensive play, the Engineers' sophomore Viktor Liljegren had a breakaway and put the last goal of the game up top shelf.

RPI was unable to put up an immediate lead against Brown in their game Saturday night and got caught behind with less than a minute left in the first on a power play opportunity, Brown's second power play of the period. In the second period, the Engineers were given three power play chances and managed to capitalize on one to tie the score 1-1.

The third period was by far the most exciting 20 minutes of the weekend. Four goals were scored in the third and two of those were scored by Brown in the first three minutes. Brown scored one goal in 30 seconds, and put up the next on a power play two minutes later. The Engineers would not stand for this and managed to follow up with a beautiful goal by sophomore Kenny Gillespie after sophomore Jared Wilson threaded the

needle from one corner of the offensive end to the other under pressure. Senior Zach Schroeder also scored a few minutes later, tying the game 3-3.

Saturday's game also went into overtime. Brown had a goal called off on their power play. The referee had blown the whistle for no goal but the puck did end up in the back of the net. The call was ruled good due to a replay issue and the game was left tied, giving the Engineers a three point weekend.



Sidney Kochman/The Polytechnic

ENGINEERS SOPHOMORE FORWARD JARED WILSON CHOPS DOWN on a Bears hockey stick to gain control of the puck.

FOOTBALL

Rensselaer victory against Union is shoe-in

Joseph Saulsbery
Senior Reporter

RPI FOOTBALL ENDED ITS REGULAR SEASON with a wire-to-wire win over Capital Region rival Union College in the Dutchman's Shoes game on Saturday, extending its winning streak against the Dutchmen to three. Six different rushers combined for 191 yards on the ground for the Engineers and senior quarterback Jeff Avery threw for 123 yards and a score en route to a dominant 23-10 victory.

The Engineers started near midfield on their second drive of the game after a short punt by Union punter Tyler Barnes. After a holding penalty on third and two moved the Engineers back ten yards to their own 47, Avery found senior wide receiver Pat Hogan for a gain of 21 yards to move the chains. Later, on third and six at the Union 28 yard line, Avery completed a 12-yard pass near the sideline to senior wide receiver Logan Gaddar. After a holding penalty on Union gave RPI a first and goal from the Union seven yard line, senior running back

Nick Schlatz did the rest, carrying the ball down to the one on his first carry and then punching it into the end zone on his second.

Union answered with a long drive of their own. Union quarterback Dante Cioffi completed five passes for 31 yards and the Dutchmen took advantage of an RPI pass interference penalty to move the ball inside the RPI ten. Then Cioffi broke free and scampered down to the Rensselaer two-yard line. On second and goal, Union tailback Connor Kinzelmann took the handoff but was stuffed by junior defensive lineman Connor McCrum and senior linebacker Anthony Pilla at the one-yard line. The stop forced the Dutchmen to kick a field goal and the Engineers kept the lead.

Gaddar returned the subsequent kickoff 35 yards through a gap in the Union coverage to the RPI 45 yard line. Later, a pass interference penalty on the Dutchmen gave the Engineers a first down in territory. Carries by senior running back Matt Lane and sophomore tailback Mike Tivinis moved the ball to the Union 16, setting up a 33-yard field goal by sophomore place kicker Christian Kapp, extending the RPI lead to 9-3.

With less than five minutes remaining in the first half, Union started a drive at their own 45 in hopes of cutting into the Rensselaer lead. But on second down, junior defensive back Ryan Buss stepped in front of a short pass by Cioffi and sprinted 48 yards for an RPI touchdown.

Union put together their best drive of the day on their next possession, driving 68 yards in twelve plays, all passes, and scoring from seven yards out with just six seconds left in the half to close the gap to 16-10 RPI.

At the start of the third, the Dutchmen threatened to take the lead, moving the ball down deep into RPI territory on a 48-yard pass from Cioffi to wide receiver Kyle Reynolds. But, the defense held and Union kicker David Pope missed a 33-yarder.

Towards the end of the third quarter with the score still 16-10, Schlatz burst through an opening in the Union front line for a gain of 30 yards. On the last play of the third, Avery tossed it to senior running back Austin Amery in the flat for a catch and carry of 19 yards.

On the first play of the final quarter, Avery passed to Lane and he ran past a slew of Union tacklers into the end zone to give the Engineers a 23-10 lead.

In the remainder of the fourth quarter, Rensselaer killed the clock with runs from Tivinis and Amery, and held Union to just 39 yards of offense on four possessions, never allowing the Dutchmen past midfield.

Schatz finished with 92 yards and a score to lead all rushers. Amery led all RPI pass catchers with 45 yards while Reynolds led all receivers with 95 yards and a touchdown for the Dutchmen.

On defense, senior defensive back Philip Lanieri III tallied nine tackles while senior defensive back Brad Gahagan and senior linebacker Mark Grimes each had eight.

The Engineers finished their regular season with a record of 8-2 while the Dutchmen fell to 0-10. Following the win, RPI was selected to play in the Asa S. Bushnell Bowl Championship against Buffalo State University next Saturday, November 21, at home.



Sidney Kochman/The Polytechnic

THE UNION COLLEGE DUTCHMEN STRUGGLE to gain the ball from freshman quarterback Ed Trimpert.