

SPORTS Page 6



Women's hockey wins on the road

FEATURES Page 12



Renssel-ale homebrew impresses

EDITORIAL Page 4

Michael Baird	The moral edification volunteerism brings
Nathan Dorer	Lack of real student political participation
Staff Editorial	Struggles and gripes about exam frequency

MEN'S ICE HOCKEY

Engineers defeat top ranked team



Jack Wellhofer/The Polytechnic

MEN'S ICE HOCKEY PLAYED valiantly against Boston College, which holds the position of number one team in their conference (file photo).

Joseph Saulsbery
Senior Reporter
Sean Beacham
Staff Reporter

RENSSELAER MEN'S HOCKEY OPENED its regular season with a trip to the University of Massachusetts Lowell last Friday. The results were disappointing, a 0-3 loss—But, the Engineers came to life on Sunday afternoon at the Houston Fieldhouse and upset top-ranked Boston College in a sensational display of defense and timely scoring.

In Friday's matchup against the UMass Lowell River Hawks, the home team peppered the RPI net, firing six shots on goal. Senior

netminder Jason Kasdorf stopped the first five, but the sixth got by to give UMass Lowell a 1-0 edge. The goal was scored by forward Michael Louria and assisted by forward Evan Campbell. Several minutes later, RPI earned a power play when defenseman Niklas Folin was penalized for offensive interference in the eighth minute of the game. The Engineers failed to mount a legitimate attack on the River Hawks net though, attempting only one shot on goal, which was saved by goalie Kevin Boyle.

The teams went back and forth for the next 10 minutes, with RPI putting five additional shots on net to UMass-Lowell's three. All eight

were saved and the home team retained its one goal edge. Then, with less than a minute remaining in the opening period, sophomore forward Viktor Liljegren was penalized two minutes for elbowing. Fourteen seconds later, Campbell scored on the power play to give the River Hawks a 2-0 lead.

Early in the second period, the River Hawks took advantage of another power play to take a three-goal lead despite an impressive four-save stand by Kasdorf. The third goal of the evening was scored by forward Adam Chapie and assisted by forward Nick Master.

Thirty eight scoreless minutes rounded the 3-0 victory for UMass-

Lowell. Boyle recorded a 27-save shutout while Kasdorf stopped 35 of 38 shots he faced in defeat.

On Sunday afternoon, October 11, the puck dropped at the Men's non-league hockey game between Rensselaer's Freshman Evan Tironese and Boston College's Austin Cangelosi at 2 pm. BC won the faceoff back to their defender, Steve Santini. This play set the tone for the beginning of the first period; Boston kept the pressure on and was able to keep the puck in their offensive end for the majority of the first five minutes of the game, and then was given a power play from the

See HOCKEY, **Page 6**

STUDENT SENATE

Appointments postponed

David Raab
Senior Reporter

CITING SECTIONS OF THE RENSSELAER UNION Constitution, the Student Senate postponed confirmation of President of the Union Nick Dvorak '16's appointment of John Fantell '19 and Matthew Beaudoin '19 to two Member at Large seats until the Rules & Elections Committee can issue a ruling on the legality of the appointments. The issue at stake was the fact that some sections of the Constitution say that the Executive Board only has four weeks from the start of the semester to make its Member at Large appointments.

Matthew Rand's '19 appointment to the Class of 2019 Representative seat was

approved by the Senate effective at the conclusion of the Class of 2019 elections because some senators expressed concern that the Constitution states that the Class of 2019 Representative seat on the E-Board has to be appointed within three weeks after the elections. Prior to the votes, Jeremy Feldman '16 stated that, in his conversation with Rensselaer Judicial Board Chairman Anthony Barbieri '15, Barbieri said he was confident that the appointments would most likely be ruled constitutional if brought before the J-Board. Furthermore, Feldman told the Senate that he believes it is obligated to appoint these freshmen so

See SENATE, **Page 3**

Weather

Wednesday	60° 50°
Precip.	20%
Hum.	64%
Wind	14 mph
Thursday	63° 46°
Precip.	20%
Hum.	58%
Wind	10 mph
Friday	57° 39°
Precip.	20%
Hum.	67%
Wind	10 mph
Saturday	50° 32°
Precip.	50%
Hum.	73%
Wind	12 mph

8-Day Forecast

Sunday	47° 28°
Precip.	10%
Hum.	48%
Wind	13 mph
Monday	52° 35°
Precip.	0%
Hum.	47%
Wind	8 mph
Tuesday	61° 42°
Precip.	0%
Hum.	50%
Wind	9 mph
Wednesday	67° 46°
Precip.	10%
Hum.	60%
Wind	11 mph

Serving the Rensselaer community since 1885

Inside

- Comics 8
- Editorial/Opinion . . . 4
- Events Calendar . . . 10
- Features 12
- Sports 6

Connect

Visit us online at: poly.news
Like us on Facebook: [facebook.com/thepolytechnic](https://www.facebook.com/thepolytechnic)
Follow us on Twitter and Instagram: @RPIPoly



Scan the QR code on the left with your phone to go to our website!

EXECUTIVE BOARD

E-Board recognizes team, hears reallocation



Jack Welhoffer/The Polytechnic

CHRISTINA PAPINI '18 AND YI LIN CHEN '16 PRESENT on the current plans of the 125th Anniversary of the Union gala celebration

Elisabeth Ryan
Senior Reporter

ON THURSDAY, OCTOBER 8, THE EXECUTIVE Board meeting began with an appeal by two members of the 125th Anniversary committee. Vice Chairman Christina Papini '18 and committee member Yi Lin Chen '16 started off their presentation with an explanation of the purpose of their committee-planning events for this anniversary celebration before delving into their request, which was the reallocation of funds. The 125th Anniversary Gala will be a formal, sit-down dinner event on November 14, where Institute President Shirley Ann Jackson and her cabinet members will be in attendance.

The committee members are estimating a seat count of 280, and the tickets' prices will

be between five and 10 dollars. The seating, besides that of Jackson and her cabinet members, will be on a first-come, first-serve basis. Following the dinner, there will be a free light show displayed on the front of the Rensselaer Union, with an area to view in the Horseshoe. After that activity, there will be dancing in the McNeil Room, which is also free and open to all students. This gala will be the main event in celebration of the 125th Anniversary. Before, the event had been designed to be an event with a more carnival-like atmosphere. The board members were not willing to give an official motion and vote until the committee had gotten a quote from Sodexo, who will be catering the event. The ticket revenue, explained by the committee members, would not be going into the committee treasury, but solely go towards

the catering. The board members were not inclined to this idea, as students already pay a fee to the Union for activities such as these. The committee members were instructed to get an official quote before reappealing. It was also mentioned that the board members would be more inclined to reallocate the funds if the event was free.

Student Government Communications committee, a committee joint between the senate and the E-Board, was represented by Jen Church, a graduate student, during the committee of the week presentation.

She urged the members to go online and write a brief summary of their committee's purpose, and introduced the idea of redesigning the student government website. Her ideas ran along the vein of a more interactive, infographic presentation method. She went on to mention that Senate was thinking about doing a town hall-like meeting and were planning to do it before the Summer Arch forum. She voiced her opinion of having the E-Board present and involved in that project. No official motions were made, and the discussion forum was open and brief.

The last official business on the agenda was club baseball. Stephen Munisteri '18, president of the club, came to the E-Board looking to make his club union-recognized. Due to the fact that junior varsity baseball was cut the year before, there were no options for non-varsity students to play baseball. Munisteri states that the club shall be participating in a competitive league, the National Club Baseball Association Division II, and he hopes to have try-outs. He is unsure whether or not the league is strictly male, but he states (as a response to a question) that he would be willing to have women play on his team as long as they met the standards during tryouts. A motion was made to make club baseball a Union-recognized organization and it was passed with a 13-0-0 vote. Munisteri has to come back to the E-Board to appeal for club funding.

Reports and reminders were made to the E-Board members and the meeting was adjourned. The E-Board meets every Thursday at 8 pm in the Shellnut Gallery on the third floor of the Union.

Normally, The Polytechnic includes an incident blotter; however, this week, no incidents were reported by Department of Public Safety Inspector Terrence Burns.

NATIONAL NEWS

Ten killed in Umpqua Community College shooting

Nathan Dorer
Staff Reporter

ON OCTOBER 2ND, CLASSES IN Room 15 of Snyder Hall at Umpqua Community College in Roseburg, O.R. were interrupted as gunshots rang out from the front of the room. Christopher Harper-Mercer, a student of the college, had entered a classroom midway through the lecture wearing a bulletproof vest. After Harper-Mercer's initial gunshot, he ordered the occupants of the room to lay on the ground and began shooting them. At the end of the carnage, 10 people had been killed while an additional 20 were injured.

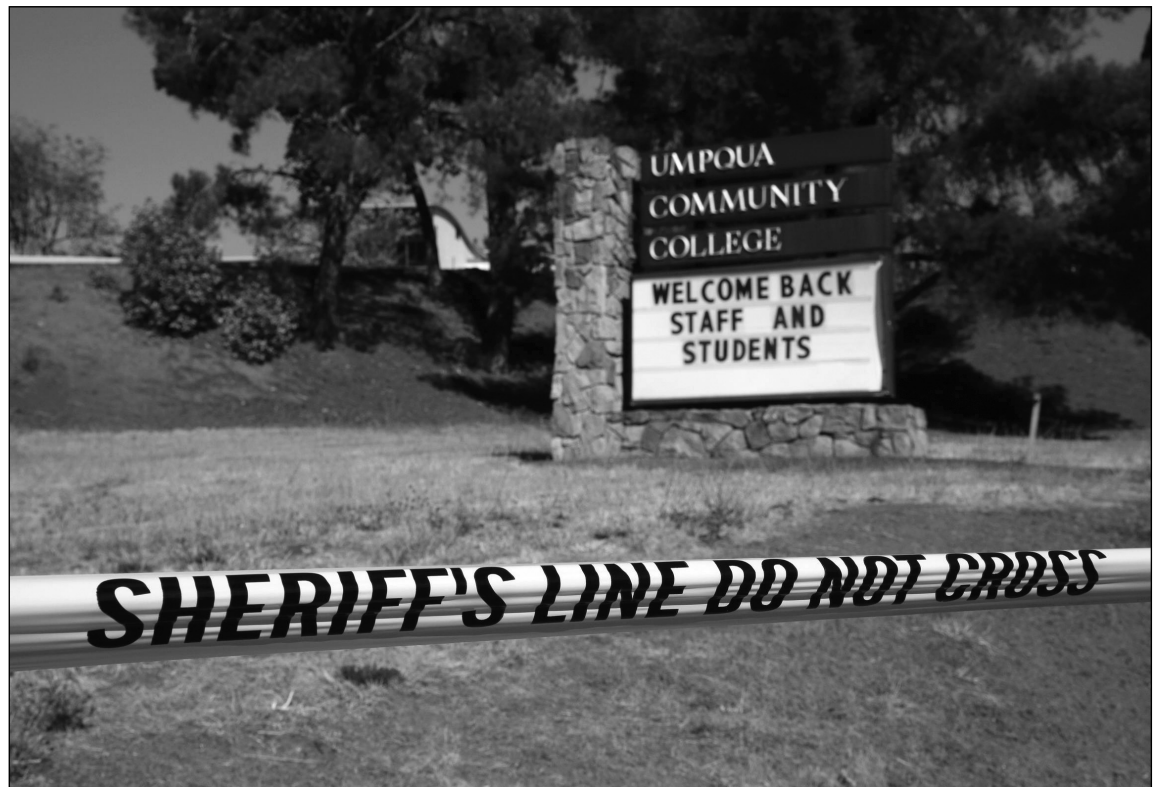
While the motive of the attack isn't entirely clear, the shooter reportedly demanded to know the religion of his victims before he killed them. In an interview with the New York Times, victim Tracy Heu stated that "[Harper-Mercer] started asking 'What is your religion, do you believe in—are you a Christian? And that person would say, 'Yeah.'" She continued, "He said: 'Good. I'm going to send you to God. You're going to see God.' And then he'd just start shooting them." Heu later stated that, although the shooter demanded information about his victims' religions, their

responses didn't seem to bear any consequence—regardless of religious affiliation, the assailant inevitably shot his victims.

During the shooting, Harper Mercer reportedly gave an envelope to fellow student Mathew Downing and said, "Hey, kid with the glasses, you are the lucky one. I will not shoot you if you give this to the cops." Mathew Downing was allowed to leave the room, and complied with the assailant's orders. Inside the envelope was a flash drive, but authorities have not provided any information about what was contained on the drive.

Following this, Harper-Mercer exited the classroom and moved towards the entrance to Snyder Hall, where he engaged in a shootout with two law enforcement officers, Detective Sergeant Joe Kaney and Detective Todd Spingath of the Roseburg police force. One bullet lodged itself in the shooter's abdomen, and Harper-Mercer retreated back into the classroom. The attack ultimately ended when the assailant laid down on the ground, and shot himself in the head.

The attack made national news, and a series of smaller gun-related incidents have taken place across the United States.



Courtesy of John Locher

UMPQUA COMMUNITY COLLEGE WAS SHAKEN when Christopher Harper-Mercer opened fire on campus.

As a result, serious questions about the importance of stricter gun-control legislation have been raised nationwide. President Obama stated in a recent press release his stance on the issue, "There is a gun for roughly every man, woman, and child in America. So how can you, with a straight face, make the argu-

ment that more guns will make us safer." With the upcoming presidential election, topics such as gun control are expected to be an important focus in U.S. political debates in the coming months.

The devastating events at Roseburg have been shocking for many people in the nation, and the potential political repercus-

sions could have long-lasting effects in legislation. In his press release following the incident, Obama made it clear that despite the potential political issues, it is important to remember that this is a time for mourning and compassion for those affected by the tragedy in Oregon.

Senate: WebTech presents project plan



Jack Wellhofer/The Polytechnic

E-BOARD MEMBERS JEREMY FELDMAN '16 AND KIRK BITTNER '16 SUPPORT THE THREE STUDENTS UP FOR CONFIRMATION TO THE E-BOARD PRIOR TO THE SENATE POSTPONING TWO MEMBER AT LARGE CONFIRMATIONS.

From **Page 1**

that the E-Board has freshmen representation, citing specific language in the *Constitution*.

The two E-Board hopefuls that spoke prior to the postponement reiterated their desire to be appointed to the E-Board, explaining that they've already gotten involved in clubs and other activities around campus. They also talked about their experiences with student government in high school and how they wanted to make a difference at Rensselaer at the

start of their student careers. Senator and Web Technologies Group Chairman Justin Etzine '18 asked if they fully understood the time commitment involved with E-Board and if they were prepared to fully commit to the work. They both said that they would make E-Board one of their first priorities and realized that they need to interact with their assigned clubs, in addition to attending meetings.

Committee reports were presented first, keeping with Robert's Rules of Order specifications. The R&E

committee update, given by co-chairman Paul Ilori '17 reiterated that elections for the class of 2019 are Thursday from 9 am–5 pm in the Darrin Communications Center and from 9 am–6 pm in the Union in the lobby facing The Quadrangle.

Graduate Senator Jen Church, chairman of the Student Government Communications Committee, said that there will be a day later in the month when all members of student government will wear their polo shirts around campus.

Michael Han '16 from the Facilities and Services

Committee said that he will be meeting with Vice President of Administration Claude Rounds this week to discuss whether or not their projects can be realistically implemented.

Etzine told the Senate that his meeting with Alan Powell and Nigel Westlake from DotCIO went well and was very productive—a member of DotCIO is interested in having students help bolster the web presence of RPI across all of its departments.

WebTech members Mason Cooper '17 and David Raab '19 presented a proposal for an electronic voting system to be used in Senate meetings. The proposed system would take attendance before meetings so that only Senators present at the meeting can vote. Senators would then access a secure website on their electronic devices using RCS credentials and vote on motions as the parliamentarian enters them into the system. At the end of the meeting, a report would be generated detailing how each Senator voted on the motions of the meeting, and then automatically uploaded to Flagship Docs.

Senators raised questions on how such a system would impact current practices. Namely, the concern was brought up that all votes would turn into roll-call votes with the new electronic system. Etzine addressed that concern by saying the votes of

individual Senators was publicized last school year when RPI TV recorded all meetings of the Senate.

Also, the implementation of such a system would require a change to the current no electronics policy of the Senate. Concerns were raised that senators would be distracted during meetings if they had to have their laptops out the entire time. Jennifer Freedberg '18 suggested the possibility of using iClickers in voting instead of laptops.

The meeting concluded with a brief update from Grand Marshall Marcus Flowers '16 on the continued progress on the implementation of Summer Arch. Flowers detailed that Rensselaer administration wants the Senate to help the rest of the student body buy into the program and stressed that it is still a work in progress. Plans are in the works for an open forum between administration, faculty, and students to discuss specifics of the implementation. The only timeframe Flowers could give is that it would occur "sometime before Thanksgiving." He stressed that students from all backgrounds are needed at this forum because it will be the main forum for student input into implementation of the program. Finally, Flowers stressed that the program is going to be implemented and that it will only go well if students are a part of the process.

Attend our next Co-Term Info Session



Thursday, October 22: 4:00-5:00pm Union 3202

Two degrees. Five years. Six programs to choose from:

- M.S. in Business Analytics
- M.S. in Quantitative Finance & Risk Analytics
- M.S. in Management
- M.S. in Supply Chain Management
- M.S. in Technology Commercialization & Entrepreneurship
- MBA

lallyschool.rpi.edu | lallyms@rpi.edu | (518) 276-6565



Rensselaer | LALLY SCHOOL OF MANAGEMENT

Editorial

Wednesday, October 14, 2015

Looking deeper into exams

Rensselaer is known for its challenging academics and the notable success of its graduates in the work force. However, exams get to be a bit nerve-racking when they are frequent or on the same day. Examinations are supposed to be tests of one's knowledge in a particular subject, but this goal is not always achieved due to the fact that exams are usually one or two hours long, while all the material studied and learned accounts for hours and hours.

The frequency of exams tends to burn out students, making us physically and mentally exhausted. By the time we recover from one exam, the next one is already being slammed onto us. The frequency of this mental taxation is not beneficial to our understanding of the course content. In fact, it could even be detrimental to the long-term conceptual grasp of it. As engineers, wouldn't it be better to fully comprehend the material?

Multiple exams in the same day produce extreme stress and can cause the student to do poorly not only on one of the exams, but both. Perhaps a good way that we could eliminate this problem would be cooperation between professors. Professors whose students have a lot of crossover could get together and make sure there isn't an overload of tests. For example, the professors from Calculus I and Physics I, two classes commonly taken together, could make sure their tests are not in the same week.

We spend hours reviewing notes, doing back exams, and reworking homework problems only to be thrown into a one or two hour exam. These quick exams fly by, and by the time a student can grasp the concept of the problem, 10 minutes have already passed. Exams simply do not measure a student's mastery of the material most of the time.

Are we saying we wish we didn't need to take any exams in the first place? No, but we wish they wouldn't be back to back on the same day, they wouldn't be every two weeks, and they wouldn't be given in only one or two hours.

EDITORIAL NOTEBOOKS

Remembering the homeless

Haunted house not just for fun but fundraising

FOUNDED IN 1993, THE RENSSELAER CHAPTER OF Circle K International—a collegiate version of the service organization, Kiwanis International—has been putting on an annual Haunted House fundraiser since 2004. I joined the chapter this autumn, unaware of the event. Each year, all of the collected money is given to an institution voted on by club members. At the weekly club meeting on Tuesday, September 15, we selected Joseph's House as the institution which all proceeds from this year's Haunted House would be donated to.

Joseph's House is a "Troy community-based not-for-profit corporation, whose purpose is to prevent and alleviate homelessness," according to its website. It does so by offering emergency shelter, permanent housing, support services, hospitality, and guidance to homeless individuals, youth, and families at its 74 Ferry Street location in downtown Troy, where RPI Circle K members volunteer on a monthly basis.

There is a staggering homeless population in Eugene, O.R., where I hail from. Vagrants freely roam the streets of downtown, many of them mentally ill, looking for clothes, money, food, and shelter. Consequently, defeating homelessness has been on my mind wherever I go, because it's such a devastating reality that affects many more people than we often think. In the coming weeks, there should be another opportunity to serve at the soup kitchen at Joseph's House, and I'm eagerly awaiting the opportunity.

"There are families that live there with a bunch of kids, and during the winter months, they squeeze a lot of people into that place," said RPI Circle K president Kelsey Sudol '16. "There are even certain men who give up their spots to others and go sleep in churches and such. It's a really great attribute of Troy for being such a tiny center."

Rensselaer's Tau Nu chapter of Phi Gamma Delta and Epsilon Zeta chapter of Alpha Phi Omega will co-host the Haunted House with Circle K this year. If you haven't already found the more than 100-year-old '87 Gym to be a creepy place, particularly when it is silent and dark inside, the Haunted House will surely challenge your skepticism.

Besides helping at Joseph's House, RPI Circle K also volunteers at the Albany Food Bank, Wit's End, and Hope Seven, in addition to doing several small-scale service projects for a wide spectrum of people at the end of every meeting. Albany Food Bank is a monthly destination, while Wit's End and Hope Seven are biweekly endeavors.



Michael Baird
Associate Sports Editor

At Wit's End, Circle K members do arts and crafts with kids who suffer from autism and ADHD. At Hope Seven, members provide tutoring services in math, reading, and writing to local elementary school students from 1st through 5th grade. A few weeks ago, I tutored an eight-year-old named Gavin, whose work ethic and focus significantly impressed

me. It led me to reminisce on my own experience in elementary school, a time when doing my homework was not so high on my priority list. It was comforting to see him work diligently, which helped me to imagine his success later in life.

For our small-scale service projects so far this year, we have, among other things, made bookmarks for children at Albany Medical Group and made decorative placemats for the elderly who receive food from Meals on Wheels. I particularly remember my placemat, which featured a crossed fork and knife centered on the page with the headline "Enjoy!" written in large bubble letters. Not knowing where that placemat ends up does not bother me, as long as someone out there is able to enjoy it.

the polytechnic

Editor in Chief
Chris Leong
poly@rpi.edu

Editorial Board

Managing Editor
Managing Editor
Contributing Editor
de facto Business Manager
de facto News Editor
Features Editor
de facto Sports Editor
Editorial/Opinion Editor
Composing Editor
de facto Copy Editor
de facto Photography Editor
Associate News Editor
Associate Features Editor
Associate Features Editor
Associate Sports Editor
Associate Composing Editor
Associate Copy Editor
Associate Copy Editor
Associate Photo Editor

Jack Wellhofer poly@rpi.edu
Stephanie Kern-Allely poly@rpi.edu
Justin Etzine poly@rpi.edu
Stephanie Kern-Allely business@poly.rpi.edu
Justin Etzine news@poly.rpi.edu
Stephanie Kern-Allely features@poly.rpi.edu
Michael Baird sports@poly.rpi.edu
Maria Kozdroj edop@poly.rpi.edu
Shane O'Brien composing@poly.rpi.edu
Rex Hu copy@poly.rpi.edu
Jack Wellhofer photo@poly.rpi.edu
David Raab news@poly.rpi.edu
Geoff Rosenthal features@poly.rpi.edu
Elisabeth Ryan features@poly.rpi.edu
Michael Baird sports@poly.rpi.edu
Tyler Carney composing@poly.rpi.edu
Nathan Dorer copy@poly.rpi.edu
Rex Hu copy@poly.rpi.edu
Kay Sun photo@poly.rpi.edu

Coordinators

Advertising Director
Graphics Director
de facto Systems Director
de facto Web Director
Sports Coordinator
Systems Coordinator
Web Coordinator
Social Media Coordinator

Jack Wellhofer ads@poly.rpi.edu
Geoff Rosenthal graphics@poly.rpi.edu
Dan Bruce systems@poly.rpi.edu
Dan Bruce web@poly.rpi.edu
Joseph Saulsbery sports@poly.rpi.edu
Dan Bruce systems@poly.rpi.edu
Dan Bruce web@poly.rpi.edu
Kayla Cinnamon social@poly.rpi.edu

Production Staff: Ammar Amir, Lloyd Jones.

The Rensselaer Polytechnic is published weekly, except during holiday and examination periods, by the students of Rensselaer Polytechnic Institute as authorized by the Rensselaer Union. Opinion pieces in this newspaper do not necessarily reflect the views of Rensselaer Polytechnic Institute or the Rensselaer Union. All submitted material becomes the property of The Rensselaer Polytechnic. The Editorial Board reserves the right to edit for reasons of space, clarity, libel, or style and to compose headlines for all articles printed. Letters to the Editor must be typed, signed, and less than 500 words in length. "My Views" must be typed, signed, and between 500 and 700 words in length. The telephone number of the author is required for letter verification. All letters are due by 5 pm on the Friday prior to publication, and can be sent in a Word document attachment via email to edop@poly.rpi.edu.

Views expressed in opinion columns provide differing viewpoints to help balance the newspaper and do not necessarily reflect the opinions of the Editorial Board. These opinion columns, other than those granted to certain student government organizations, are granted on a semesterly or yearly basis by the Editorial Board. Those interested in starting a column should email edop@poly.rpi.edu for details.

Editorial and Business offices are located in Room 3418 of the Rensselaer Union, Troy, New York, 12180-3590. Subscription and advertising rates can be forwarded upon request. Subscriptions are sent via first class mail. Address correction requested.

Rensselaer's civil obedience

Navigating the nonexistent political sphere at RPI

LET ME PREFACE THIS BY SAYING that I genuinely feel like I missed out on the opportunity to be an angry teenager in high school, and I am doing my absolute best to compensate in college. Unfortunately, I forsook myself to possibly one of the least politically-minded schools in the country; outlets for frustration on campus have essentially been relegated to crippling binge-drinking or compulsive studying. I'm not asking for much; I just want the campus to be angry enough about something to make a change.

During the Student Senate meeting last week, a motion to create a tuition-locked plan for incoming freshman was overturned because members of the Senate felt it would be too difficult for something to actually come of their motion. This frustrates me—we are paying upwards of \$65,000 a year to attend the school, yet we don't feel like we have the ability to make a

change that could benefit future incoming freshmen? Rensselaer has provided us an excellent opportunity for education, but we are entitled to input on how this school should be run.

It takes about 15 minutes of talking to someone to find something that they dislike about the school; whether it be Sodexo, grade deflation, or the lack of air conditioning, everybody has their opinions of campus that they dismiss. If you see something you don't like, why not make an active effort to change it? In a school of 5,000 students, it's incredibly unlikely that you are the only person on campus



Nathan Dorer
Associate Copy Editor

with a particular opinion, and it's painful to wait for someone else to make the first move.

College is meant to be a transformative period in our lives, and a substantial part of that is having the power to make decisions. We have been provided the opportunity to live on our own, study on our own, and ultimately make choices that give us an understand-

ing of responsibility. Universities have historically been a breeding ground for the politically-minded, and it's incredibly disappointing to see a student body as intelligent and as well-informed as RPI's go to waste. I completely understand that we are a school dedicated to engineering and the sciences, but it's unfair to ourselves to think that our interests should end there.

And it's not like the school hasn't provided platforms to give us a voice, either; the Student Senate meets on a weekly basis, and both the Grand Marshal and President of the Union are always available for requests. The school needs and values the input of its students to create a better learning environment, and it's our job to make sure that what we want is understood by the Institute.

I guess what I'm trying to say is that it's important—just as important—for the student body here to be proactive in the political sphere of the institute as the academic one. This is a period in our lives where we have so little to lose in voicing our opinions, but so much experience and worldliness to gain. Do something, RPI.

TOP HAT

New adults: VOTE!

You're an adult, act like it

HELLO RPI STUDENTS,

First, to all of the freshmen reading this, you should know that Thursday, October 15 is your day to go and vote for your student government representatives. I cannot stress how much this can affect the future of your time here at Rensselaer, as these people will likely end up representing you three years from now. They will most likely be determining what events will be made available to you for class unity. The voting will take place in the Rensselaer Union (in the lobby facing the Quadrangle Residence Hall on the 2nd floor), and the Darrin Communications Center, during the daytime.

In other news, there are a few events that you can look forward to this week. Coming up is Science, Technology, Arts at Rensselaer Weekend, where a diverse group of high school students spend the weekend learning about what we have here at Rensselaer. During this weekend, International Festival will be held in the Union, open to all students. Students will be bringing their backgrounds to the forefront in an exciting and enriching experience, which I encourage you all to attend. In addition, there is Nuestra Belleza, an annual event where we take the time to appreciate and engage in different cultural arts and displays by students. My suggestion for this weekend would be to stay in the Union as much as possible; you're bound to find something great. The only exception to that would be Apokries, which is a festival put on by many Greek organizations on campus, and takes place Saturday starting at 10 am on the '86 field.

Now, I am writing to you today because I think that we have a problem here at

Rensselaer. I think that too many students have gotten into the shameful place of thinking their thoughts are unimportant. I hear that students are dissatisfied with the day-to-day challenges they are presented with, be it in the classroom with a professor who they don't connect with, their career opportunities, or even the people they spend time with. I hear these things and wonder why anyone would allow this to continue in their lives. Let's make something clear: as a student here, you have a right to services to support your pursuit of knowledge, and the mentorship that comes with it.

If a change in a course goes against the syllabus that was given to you at the start, and you disagree with it, make that known because it's your education that hangs in the balance. If you're struggling with finding opportunities to work in your field, your resources are in the students around you, and the professors you get lectured by, and the Center for Career and Professional Development (2nd floor of the DCC). If you're not satisfied with the people you have surrounding you, you have the right to the resources to help you find a place at RPI where you feel comfortable and welcome. One of the greatest parts about RPI is the fact that we have a STUDENT-run Union, a place where we choose the direction of our clubs, events, and resources. We are students supporting students, and if you're facing an issue on campus, I would bet that you're not the only one. I know many of the student issues, but not all of them, so tell me what you have issues with. Help me make your priorities my priority.

Email me at gm@rpi.edu.



Marcus Flowers
Grand Marshal

DERBY

Making the right call

Taking a time-out for a ball game

DO YOU KNOW WHAT DAY IT IS, RPI?

Happy Wednesday! I hope you all had an enjoyable long weekend, and got some well needed rest after the first round of tests concluded. For those with tests coming up, I hope you had time to study up and prepare. Good luck!

First off, a big congrats to the men's hockey team for upsetting the #1 ranked Boston College. Good work boys, let's keep that momentum rolling as we hit University of Alaska next. Shout out to number 14, junior Riley Bourbonnais, for making both goals of the day. Women's hockey also came out on top against RIT this weekend with a 3-1 victory, sweeping the series. This week we've got more matchups to come, and more games to win. LET'S GO RED!

In Executive Board news, this past weekend we welcomed Club Baseball to the Union family as a recog-

nized club, so congrats to them. We heard from the 125th Anniversary Committee that they are in the process of planning a campus formal and reception to celebrate the anniversary of the Union's founding. At this point in the year, representatives should be starting to talk with all club officers and coaches about the fast approaching budgeting season. Be ready, and be proactive! The more groundwork we lay, the smoother the process is for all involved. Finally, there will be a student government-wide polo day on October 20th! All senators and representatives will be wearing their polos and will be ready to answer any questions you may have. We'll also throw a prize in there, stay tuned!

We are also in the progress of adding our three new representatives to the Executive Board. Pending senate approval, they will fill two at large seats and the Class of 2019 representative positions. All three

of them are from the Freshman class to better balance the board's perspective. I'll have a little more about them and their background next week.

Lastly, one thing I wanted to touch upon this week was one of the most important skills I have learned in my tenure here at RPI: time management. Whether you are involved in only a few things outside of school or seem to be someone that does everything, being able to manage your time is not only essential to performing well, but also to balancing your life and your needs. If you are someone who values their time alone to be introspective, it's up to you to decide when you take that time, and what you prioritize it over. If you're someone that wants to go out on the weekends, you still need to plan for doing work around that time spent socializing. I encourage you to take a critical eye to your schedules, and think hard about where your priorities lie. I know, I love using Google Calendar to budget out most of my

waking hours, and I've found that having multiple calendars overlap for different responsibilities really helps me to pick and choose what I will be doing on a given day. Homework or a fraternity event? Work or community service? As you get involved, these conflicts become more common, and it is an important life skill to know how to pick and choose.

In short, plan and plan wisely. There are only so many hours in the day, and it is always fewer than what you would like. And be sure to schedule in time to yourself for whatever helps you relax and de-stress. Going to RPI, we all know blowing off steam is essential.

As always, if there's ever anything I can do for you, please email me at pu@rpi.edu. Do you have something you would like to see featured in my article? (Big games, events, etc.) Let me know!



Nicholas Dvorak
President of the Union

Interested in writing, improving your reading skills, drawing comics, or hanging around with awesome people? Join *The Poly* today!

Attention Engineers & Architects
Thinking about your next project?

Let us help! We carry:

- Bass & Balsa Woods that are precision cut, sanded & ready to paint
- Cellfoam 88 in various thicknesses
- Wood Dowel Rods in lots of diameters
- Aluminum, Brass & Copper tubing, strips, rods & sheets
- A "Mini-Lumber Yard" with various sizes of plywood & dimension lumber
- Acrylic sheets and Plexiglass
- All kinds of Glass Fuses, Electrical Wire, Connectors & Fasteners
- Wide assortment of Batteries
- Hobby Knives and Hand Tools
- NEW! ART SUPPLIES Department

Paints, pencils, papers, drafting supplies & lots more for all kinds of artistic projects!

More than just a great hardware store!
PFEIL HARDWARE & PAINT
63 Third Street, Troy, NY • 518-687-0014
www.pfeilhardware.com • Mon.-Sat. 8 - 6 • Sun. 10 - 3

Sports

Wednesday, October 14, 2015

HOCKEY: *Engineers beat Boston College*

From **Page 1**

Engineers as the tensions rose and play became more physical. Although they failed to capitalize on this opportunity with a goal, they did manage to put four shots on the Rensselaer goalie, Senior Jason Kasdorf, and keep their momentum.

Through the first period, the Engineers were granted two power play opportunities on which they were not able to pull a goal from, but they did pick up the pace with a few good breakaways, they were playing consistently offensively and put 13 shots on net (the same that BC put on theirs), despite their difficulty in completing their breakout. This difficulty is not entirely on the part of the Engineers; BC's defensive play was solid and would force the Engineers to lose control of the puck to the BC defenders who would then perform a 'D to D' pass or two before putting the puck back in play in the opposite direction.

The game stayed tied until near the end of the second period. But just because there was no score until there was less than a minute in the period, does not mean that the tensions were not high or that there was any lack of excitement. The Engineers suffered two penalties, and BC took one as well. Junior Riley Bourbonnais scored with 45 seconds left in the period. The hero of the second period may have been Bourbonnais for putting the first goal of the game on the board, but it could just as easily have been Kasdorf for stopping all 29 shots on the Engineers' net so far.

Rensselaer has only played against BC once in the past few years, two years ago. The game ended with a loss of 7-2 for the Engineers.

The Engineers were granted another power play a few minutes into the third. At the end of the power play, Bourbonnais scored again assisted by Tironese and sophomore Jared Wilson after a rush into the zone and a drop pass play to set up the goal.

Despite the fact that they were two points behind, BC continued to pressure hard in the third eventually earning them a power play goal half way into the period, but that was the last goal scored in the game and the Engineers were able to steal a win from the first ranked team in what may well have been one of the most exciting non-league games in quite a long time.

Next up for 1-1 Rensselaer is a trip to Alaska next weekend to face University of Alaska Anchorage and University of Alaska Fairbanks as part of the Brice Alaska Gold Rush Tournament.



Jack Wellhofer/The Polytechnic

JUNIOR RILEY BOURBONNAIS MAINTAINS control of the puck in the match against Boston College (file photo).

WOMEN'S HOCKEY



Jack Wellhofer/The Polytechnic

THE WOMEN'S ICE HOCKEY TEAM PLAYED RIT on both Friday and Saturday, winning both games (file photo).

WOMEN'S SOCCER

RPI garners tie

Michael Baird
Staff Reporter

EARNING THEIR FOURTH TIE OF THE SEASON, THE RENSSELAER women's soccer team played against the Williams College Ephs from Williamstown, Mass., at 12 pm at the East Campus stadium on Saturday. Following the game, RPI's season score stands at 5-5-4. Ranked No. 2 in NCAA Division III women's soccer, Williams now has a season score of 9-0-1, with Rensselaer giving them their first tie of the season. The Engineers' prime defense is to thank for this tie that held off a loss and in the process gave the No. 2 ranked team in the country a bit of a scare.

Despite attempting a total of 22 shots, seven of which were on target, the Ephs never managed to score during the game. 13 shots were made by the Engineers, only one of them aimed at the opposing goal. Consequently, as the 0-0 final score would suggest, the RPI goalkeepers performed a total of seven saves and the Ephs' goalies performed one.

Sophomore Dali Alarian issued the sole kick toward Williams' goal almost an hour and 50 minutes into the game, but it was goalie Tressa Palcheck of Williams that denied her point. For Rensselaer, sophomore goalie Tori Riopelle served her team well by saving all seven shots attempted by Williams. Particularly notable was her sliding stop in the double overtime period preventing a loss.

The magnitude of shots made throughout the game may have favored Williams, but RPI managed to defend their goal nonetheless. Audrey Thomas of the Ephs had eight shots, more than any of her teammates, and senior Cowley Mowder made five shot attempts for Rensselaer.

Coming up on Friday, the women will compete against the St. Lawrence University Saints at 4 pm at ECAV Stadium. Immediately following on Saturday, there will be a match against the Golden Knights of Clarkson University, also at ECAV Stadium at 4 pm.

MEN'S SOCCER

Engineers lose in match 0-1 Shot attempted by RPI junior in final sixth minute blocked

Kay Sun
Staff Reporter

"COME ON, RED!" "RPI, GO!" Hundreds of shouts lingered in the air in the East Campus Athletic Village Stadium in the last few minutes of the game, making everyone more anxious. Faced with an increasingly excited audience, the Rensselaer Engineers, ranked eighth, intensified their attacks. In the last 6 minutes of the game, junior Devon Baughen destroyed the Williams Ephs' defensive line from the right wing. He made an accurate long shot from almost 30 meters away, which, unfortunately, bounced out at the last moment owing to the Williams goalie's save.

The Engineers later took possession of the ball for most of the time. It is true that they managed to defend the ball out of its goal line; however, they still failed to make one goal to tie Williams and go into overtime to turn the situation around. Finally, the Engineers lost its non-league contest against Williams with a score of 0-1.

"We obviously are not satisfied with the result, but we thought it

was a good performance. We know we need to work on in the next few games, in order to pick it up and win again." freshman Dan Corridan said firmly after the game.

The game started at 6:30 pm on Saturday, Oct. 10 at ECAV Stadium. At 19:38, Williams stole the ball from the Engineers and swiftly bypassed the interference from RPI players. The opportune shot made by the Williams offense was narrowly blocked, thanks to Engineer's sophomore goalie Ryan Nealon's nice save. Meanwhile, the ball fell into the possession of the Engineers. Ryan later saved another shot from over 20 meters away from the goal line at 30:35. The Engineers missed several other good chances in the rest of the first half, while Williams also missed a few. The first half in the end finished at 0-0.

Although both teams were high-spirited and energetic, neither of them made any goals in the first half, which physically exhausted them and mentally motivated them.

35 seconds into the second half, the Engineers got a corner chance. After kickoff by junior Devon Baughen, the several attempts made by RPI in order to seize this chance all failed. The ball appeared to be on

its way into the net twice, only to see the Williams defense clear it off the goal line. The same thing happened to six corner chances RPI received in the second half.

The standstill was finally broken by Williams freshman defender Gregory Androeu at 73:10, assisted by senior midfielder Noah Grumman and sophomore forward Tom Young. The Engineers took an active strategy to get more chances and shoot more. Although the team statistics didn't display any obvious disadvantage of the Engineers compared to Williams—four more corner chances, less penalties, and four more shots, Williams led the game until the end.

One of the spectators, freshman Joseph Galtman, commented that "It was a very exciting game against a very good opponent. We, RPI, played very well and we were right with them for most of the game. Unfortunately, they finished their chance while we didn't."

With four games left in the Liberty League, RPI is in seventh place. This weekend, they will travel north to play against St. Lawrence and Clarkson, which will definitely be two critical games for the Engineers, in hopes to get a better place in the league.

FOOTBALL

Rensselaer narrowly defeated by Saints

Joe Saulsbery
Senior Reporter

IT WAS A STORY OF TWO HALVES Saturday in the North Country as RPI football visited the St. Lawrence Saints. The Saints dominated the first half, scoring 24 points to Rensselaer's zero. The second half was almost the complete opposite of the first, as RPI mounted a frantic comeback charge. But, despite two late touchdown scoring drives, they fell three points short, with a final score of 24-21.

On the second play from scrimmage, St. Lawrence running back Maurice Irby burst through a gap in the RPI front line and sprinted 59 yards down the sideline for a touchdown. Then, after RPI went three and out on its first drive, Saints safety James Holley-Grisham returned the subsequent punt 33 yards to the RPI 28.

This time, St. Lawrence quarterback Mike Lefflbine completed two passes to tight end Mitch Gallagher for 28 yards and a touchdown in 51 seconds. The touchdown put St. Lawrence ahead by 14 with just over three minutes elapsed.

Later, after a second three and out by RPI, St. Lawrence had a first and 10 at the RPI 37. Lefflbine threw to the end zone, but was intercepted by senior defensive back Teague Florio at the RPI four-yard line.

Senior quarterback Jeff Avery completed 24 out of 47 passing attempts for 348 yards and two touchdowns. His longest was to his favorite target, senior wide receiver Logan Gaddar, on the third

Engineer drive of the game. The catch gave Rensselaer a first and ten at the St. Lawrence 14. But after a holding penalty, a dropped pass, and a missed field goal, the game remained 14-0 Saints.

Midway through the second quarter, Lefflbine found wide receiver Vincenzo Ferraro open in the flat and Ferraro did the rest, outrunning the RPI secondary for a 77-yard score. Then, late in the first half, Lefflbine hit Gallagher over the middle for 20 yards and Irby ran wide for 19 yards to set up a 29-yard field goal for Saints kicker Andrew Carvalho.

The Engineers trailed by 24 after 30 minutes of play. On the first drive of the second half, Avery completed six of seven passing attempts for 76 yards, including a 20-yarder to junior wide receiver Joey Giacone to the Saint's one-yard line. Senior running back Nick Schlutz scored on the next play to put the Engineers on the board.

Another long drive by the Engineers came up empty later in the third as Saints linebacker Alec Dietsch intercepted a mistimed throw from Avery at the Saint Lawrence eight-yard line with 3:12 to play in the third.

The score remained 24-7 in the fourth quarter when St. Lawrence received a 13-yard penalty for unsportsmanlike conduct that moved the ball back to the Saints eight. The ensuing punt traveled just 31 yards and the Engineers took over at the Saints 39 with 7:18 remaining. RPI took advantage of their field position



Jack Wellhofer/The Polytechnic

JUST THREE POINTS SHORT, FOOTBALL LOST a tough game against St. Lawrence Saturday (file photo).

to bring themselves within 10 on a 25-yard dime from Avery to Giacone two plays later.

RPI got the ball back at their own 33 with 4:33 to play. Avery hit Gaddar for a 31-yard gain to move the chains on third and 10. Then, he completed passes to senior wide receiver Pat Hogan and sophomore running back Johnny Ramsdell for gains of 14 and nine, respectively. With time running out, Avery connected with Ramsdell on 4th and goal for a two-yard touchdown.

Just 68 seconds remained after Ramsdell's touchdown so the Engineers attempted an onside kick. The ball bounced out of bounds

and the Saints took possession, effectively ending the game.

Lefflbine finished 17 for 27 for 195 yards and two scores. In defeat, Gaddar hauled in nine catches for 172 yards to lead all pass catchers. For St. Lawrence, Gallagher recorded 10 catches for 93 yards while Ferraro caught four for 91 yards. Rensselaer struggled on the ground, tallying just 50 yards on 37 attempts while Irby took 12 totes for 106 yards for the Saints.

Junior linebacker Alex Greenidge led all defenders with 11 total tackles, while Florio and sophomore defensive back

Bryan Hayes each had seven. In addition, both senior linebacker and junior defensive lineman Malik Joseph recorded a sack. The sacks marked Joseph's fourth and Pilla's third consecutive games with at least 0.5 sacks. For St. Lawrence, defensive lineman Chyron Brown-Wallace registered two sacks and linebacker Jayson Leigh tallied 10 tackles.

The loss moves Rensselaer to a record of 4-2 as it heads into the back half of its schedule. This Saturday they will host the University of Rochester at East Campus Stadium in their fourth Liberty League matchup of the season.

OUR FUNDS HAVE A RECORD LIKE A BROKEN RECORD.

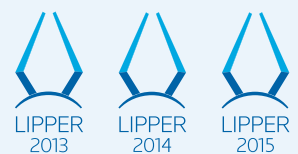
TIAA-CREF: Lipper's Best Overall Large Fund Company¹ three years in a row. For the first time ever. How? Our disciplined investment strategy aims to produce competitive risk-adjusted returns that create long-term value for you. Just what you'd expect from a company that's created to serve and built to perform.



Learn more about our unprecedented, award-winning performance at TIAA.org/Perform

BUILT TO PERFORM.

CREATED TO SERVE.



BEST OVERALL LARGE FUND COMPANY¹

The Lipper Awards are based on a review of 36 companies' 2012 and 48 companies' 2013 and 2014 risk-adjusted performance.

¹The Lipper Award is given to the group with the lowest average decile ranking of three years' Consistent Return for eligible funds over the three-year period ended 11/30/12, 11/30/13, and 11/30/14 respectively. TIAA-CREF was ranked among 36 fund companies in 2012 and 48 fund companies in 2013 and 2014 with at least five equity, five bond, or three mixed-asset portfolios. Past performance does not guarantee future results. For current performance and rankings, please visit the Research and Performance section on tiaa-cref.org. TIAA-CREF Individual & Institutional Services, LLC, Teachers Personal Investors Services, Inc., and Nuveen Securities, LLC, members FINRA and SIPC, distribute securities products. ©2015 Teachers Insurance and Annuity Association of America—College Retirement Equities Fund (TIAA-CREF), 730 Third Avenue, New York, NY 10017. C24849B

Consider investment objectives, risks, charges and expenses carefully before investing. Go to tiaa-cref.org for product and fund prospectuses that contain this and other information. Read carefully before investing. TIAA-CREF funds are subject to market and other risk factors.

XKCD by Randall Munroe

KEYS ON MY KEYBOARD KEEP FAILING EVEN WHEN I BOOT FROM AN EXTERNAL RECOVERY DISK.

SOUNDS LIKE IT'S HARDWARE, THEN.

YEAH...EXCEPT THE PROBLEM FOLLOWED ME FROM MY LAST COMPUTER.

YOU HAVE THE MOST BIZARRE TECH ISSUES.

IT MUST BE SPREADING VIA KEYBOARDS. THIS ONE WON'T WORK WITH ANY COMPUTER NOW.

WHEN THE ROBOT APOCALYPSE HAPPENS, I'M HIDING OUT IN YOUR HOUSE. ANY SKYNET DRONES THAT COME NEAR WILL DEVELOP INEXPLICABLE FIRMWARE PROBLEMS AND CRASH.

LIKE MANY PEOPLE, I'M TIRED OF THE NITPICKING ABOUT FRANKENSTEIN'S MONSTER'S NAME. LUCKILY, FRANKENSTEIN IS PUBLIC DOMAIN. THEREFORE, I PRESENT

XKCD'S FRANKENSTEIN

(THE MONSTER'S NAME)

GRAAAR!
FRANKENSTEIN IS ALIVE! I AM A MODERN PROMETHEUS!

RAAAAAR!
TO BE CLEAR, YOUR NAME IS FRANKENSTEIN. CANONICALLY.

GRAAAAAAR!
THE MOON LANDINGS WERE FAKED!

WAIT, WHAT?

FIN.

THERE. FEEL FREE TO CALL THE MONSTER "FRANKENSTEIN." IF ANYONE TRIES TO CORRECT YOU, JUST EXPLAIN THAT THIS COMIC IS YOUR CANONICAL VERSION. THANK YOU.

WORDFIND by Shane O'Brien

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

Breakfast Foods

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

- Bacon
- Bagel
- Biscuits
- Cereal
- Doughnut
- Eggs
- French Toast
- Hash browns
- Milk
- Muffin
- Oatmeal
- Omelette
- Orange Juice
- Pancake
- Pop-Tart
- Sausage
- Waffle
- Yogurt

THAT CONCLUDES THE PRESS CONFERENCE. ANY QUESTIONS?

YES, YOU, FROM... IT JUST SAYS "THE NEWS?"

HII! I HAVE A MICROPHONE SO I'M REAL LOUD NOW.

HOW DOES THIS MARS DATA COMPARE TO DATA FROM OTHER FIELDS? LIKE MEDICINE? OR SPORTS?

THAT QUESTION MAKES NO SENSE.

IF THERE'S WATER ON MARS, IS IT RUINED? OR WILL IT BE OKAY WHEN IT DRIES OUT?

ANY OTHER QUESTIONS?

WHAT WERE THOSE GUYS HASSLING LUKE IN THE MOS EISLEY CANTINA TRYING TO ACCOMPLISH? I FELT LIKE I WAS SUPPOSED TO UNDERSTAND THAT.

ANYONE ELSE?

THAT'S NOW MY QUESTION, TOO.

WERE THEY JUST PICKING A FIGHT? IF SO, WHY DID...

SO IT'S A WORK OF FICTION ABOUT A WELL-KNOWN BRAND, WRITTEN ON THE INTERNET BY AN ENTHUSIAST, REPUBLISHED AS A BESTSELLING BOOK, AND THEN MADE INTO A BIG MOVIE.

YUP.

YEAH, THE MARTIAN AND FIFTY SHADES OF GREY ARE BASICALLY THE SAME BOOK.

"FIFTY SHADES OF RED?"

MAN, TELL ME YOU WOULDN'T READ THAT.

HARK! A VAGRANT by Kate Beaton

MEGA TEAM 3

OH MAN! I SAW THAT ONE ALREADY... I LOVED IT THO'

I DON'T WANT TO WATCH IT AGAIN, BUT I DO WANT TO CONSUME IT AGAIN

MEGA TEAM 3 - 6:00
- 8:30
- 11:00

LOVE MAMA

POPPOP

NO PROBLEM MA'AM

I ♥ MOVIES

ON OUR MAXECINEMA SCREEN WE ARE SHOWING IT AS A SCROLL OF ANIMATED GIFS PLUS BONUS REACTION GIFS

TWO PLEASE

CRYPTOQUOTE

A Cryptoquote is a simple substitution code where each letter that appears may stand for a different letter. The substitutions are consistent throughout the puzzle. Punctuation is not translated.
For example: AMXBMAAYQ = ENGINEERS

“ Yf'bf kbfz hrmx vk
Vgfzltvk lk muvtf, yf'zf
mazf vm pfhh krx qrkkv
hrmf rkf rk gc yvxtp!
Dvlhazf lm krx vk ruxlrk.”
—Qfkf Ozvkn
Vurhhr 13

BREAK UP

LOOK, YOU'RE A NICE, BEAUTIFUL GIRL! YOU'LL BE FINE! IT'S NOT THAT

COME ON!

IT'S THAT EVERY TIME I THINK ABOUT IT, THERE COULD BE SOMEONE BETTER IN THIS CITY

SOMEONE AMAZING, YOU KNOW? BECAUSE I'M VERY SPECIAL. THERE'S NOTHING WRONG WITH YOU.

I'M JUST A SPECIAL PERSON.

TOP TEN LIST

Top Ten Rick and Morty quotes

10. You know what I eat *wink*
9. I'm Mr. Meeseeks, look at me!
8. Only 1.5 years... or longer!
7. I squanch my family
6. I'm Tiny Riiiiick
5. I like what you got! Good job!
4. You gotta stick'em way up there
3. My man!
2. *Snap* yes!
1. Wubaalubaadubdub

SUDOKU

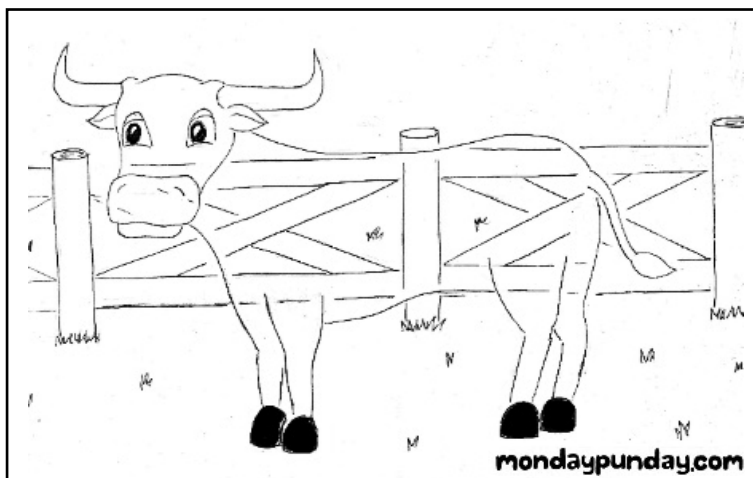
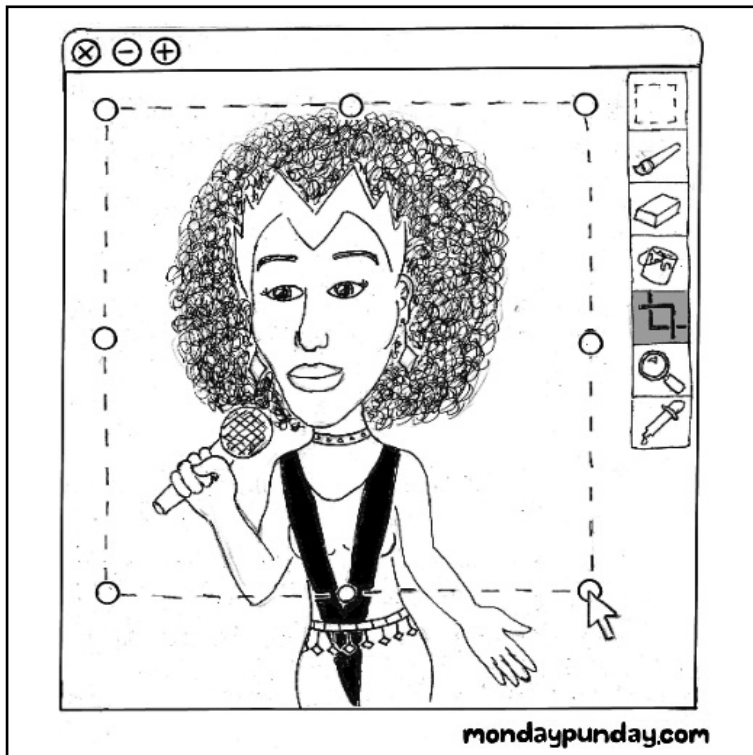
2						7	9
8				3	2	6	
		9	1				8
			5			8	
3			2		4		5
	9				7		
1					8	9	
	3		4	9			6
9	4						2

Previous Issue's Answers

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

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

MONDAY PUNDAY by Matthew Broussard



DILBERT

by Scott Adams

MY BIOSENSORS DETECT AN ONSET OF SOCIAL ANXIETY.

MY INTERNAL 3-D PRINTER IS MAKING THE MEDS TO FIX YOU.

I AM READY TO DISPENSE. PLEASE LIE ON THE GROUND WITH YOUR MOUTH OPEN.

THIS FEELS LIKE A BAD PRECEDENT.

DID YOU DESIGN OUR ROBOT'S 3-D PILL PRINTER?

YUP.

THE DESIGN IS BRILLIANT, EXCEPT FOR THE PART WHERE THE PILL DROPS OUT OF THE ROBOT'S BUTT.

WHY ARE YOU SUDDENLY BRILLIANT?

NEVER HAD A REASON BEFORE.

SEEING YOU REMINDS ME THAT I FORGOT TO GIVE YOU THE THING YOU ASKED FOR.

BUT I DON'T REMEMBER WHAT IT WAS.

NEITHER DO I.

THIS ISN'T OUR FINEST MOMENT.

MAY I ASK SOME QUESTIONS ABOUT YOUR JOURNEY TO SUCCESS?

I DON'T LIKE THE SOUND OF THIS.

I AM TRYING TO ASCERTAIN WHAT PERCENTAGE OF A PERSON'S SUCCESS IS PURE LUCK.

FOR EXAMPLE, WHO HIRED YOU FOR YOUR FIRST REAL JOB?

MY DAD. BUT IN MY DEFENSE, I INTERVIEW WELL.

ASOK, IT TAKES MORE THAN LUCK TO BE SUCCESSFUL. YOU ALSO HAVE TO BE SMART.

HOW DID YOU SELECT YOUR LEVEL OF INTELLIGENCE BEFORE BIRTH?

I DON'T UNDERSTAND THE QUESTION.

NOW I AM GETTING MIXED MESSAGES.

WE NEED A BIAS FOR ACTION.

DOES LISTENING COUNT?

THAT'S NOT ACTION.

SO... YOU DON'T WANT ME TO LISTEN TO YOU?

I DIDN'T THINK THIS ALL THE WAY THROUGH.

TAP ME ON THE SHOULDER WHEN YOU'RE DONE.

Events

Wednesday, October 14, 2015

WEDNESDAY

October 14

Terra Cafe serves a special lunch. It is a hearty shepherd's pie with ground beef, carrots, peas, and mashed potatoes. For vegans and vegetarians, they will have seitan and green beans instead of beef. The cost to attend is \$8.

A graduate school information session will be held in the Rensselaer Union from noon–1 pm. Registration is required and can be done at <https://apply.rpi.edu/register/Oct142015>.

Open skate is available to the RPI Community at the Houston Field House. A valid RPI ID is required upon entry. No rentals are offered. It will be held at the Field House from 12:30–1:30 pm.

The Center for Financial Studies hosts Joseph Pimbley. The title of his lecture is "Flight Simulator to Learn Banking." A banking "flight simulator" concept is an additional tool for the education and development of financial risk managers and business heads. It will be held in Pittsburgh 4114 from 1–2 pm.

The Douglas Mercer '77 ECSE Lecture Series continues with Gil Engel and his lecture titled "Mixed Signal Technology in a Digital World." It will be held in Darrin Communications Center 324 from 3:30–5 pm.

The Department of Physics, Applied Physics and Astronomy Colloquium presents Dr. Andrea Pocar from the University of Massachusetts. It will be held in DCC 337 from 4–5 pm.

The Department of Earth and Environmental Sciences presents John Tarduno. His lecture is titled "The beginning and future of Earth's magnetic field." It will be held in Jonsson Rowland Science Center 3W13 from 4–5 pm.

Douglas Bartlett speaks as part of the Frontiers in Biotechnology Seminar Series. He is from the Scripps Institution of Oceanography. His seminar is titled "Microbial Life in Ultra-Deep Ocean Habitats of the Piezosphere." It will be held in the Biotech Auditorium from 4–5 pm.

The School of Architecture presents "Matter Design Computation: Cells, Bits and Atoms." It will be spoken by Jenny Sabin. She is principal of Jenny Sabin Studio, an experimental architectural design studio based in Philadelphia. It will be held in Experimental Media and Performing Arts Center Theater from 6–7 pm.

Learn how you can apply for a summer internship in one of the nation's 23 Engineering Research Centers. It is presented by the Smart Lighting ERC and will be held in the Biotech Auditorium from 7–8 pm.

THURSDAY

October 15

Freshmen Election voting will take place in Commons Dining Hall from 9 am–7 pm and the DCC Great Hall from 9 am–5 pm. These elections are for the Class Council and Student Senate.

The International Services for Students and Scholars holds an informational session for F-1 international students interested in applying for work authorization via Optional Practical Training. It will be held in Sage 3303 from 4–5:30 pm.

Flu shots are available and accessible in the Mueller Center from 4–6 pm. Free for students, but \$15 for faculty and staff.

The Chapel+Cultural Center presents "TECHNOPALYPS, PART 1", a film by Frank Theys. The film is about the latest findings in genetics, robotics, artificial intelligence, bionics, and nanotechnology that appear in the media every day. It will be held in the C+CC from 7–8:30 pm. The screening will be followed by discussion and light refreshments.

EMPAC hosts France Jobin at 8 pm in its Concert Hall. Cost is \$6 for students. The electronic music of composer France Jobin can be described as "sound-sculpture," revealing a minimalist approach to complex sound environments where analog and digital methods intersect. Her skillful interplay between highs and lows & louds and softs creates an intricate narrative, which stretches the listener's perception and continually refocuses attention.

FRIDAY

October 16

The Nuestra Belleza Multicultural Pageant is taking place in the Mcneil room from 6–9 pm.

EMPAC presents Oneohtrix Point Never. When Oneohtrix Point Never (aka electronic musician Daniel Lopatin) was last at EMPAC, he and visual artist Nate Boyce developed and debuted a multimedia stage show for the world tour supporting his 2013 album R Plus Seven, released by Warp Records. Upon returning this fall, he will be in residence to develop and premiere a new work set for release later in 2015. It will be held in EMPAC's Concert Hall from 8–10 pm.

Sigma Phi Epsilon is selling bacon, egg, and cheese sandwiches for only \$2 to raise money for Big Brothers Big Sisters. Sandwiches are cooked on location and are hot and ready to go for a fast breakfast on your way to or from class!

MONDAY

October 19

The Biological Seminar Series presents Dr. Nadia Roan from the University of California. Her seminar is titled "Influence of the genital mucosal environment on reproductive health and susceptibility to HIV." It will be held in the Center for Biotechnology and Interdisciplinary Studies Conference Center from noon–1 pm where refreshments shall be available 15 minutes prior to the seminar.

The Parking and Transportation Office will be closing early at 3:15 pm.

The Department of Earth and Environmental Sciences presents Professor Tim Lowenstein from Binghamton University. His seminar is titled "Ancient atmospheric carbon dioxide from the nahcolite proxy." It will be held in the JRowl Science Center 3W13 from 4–5 pm.

TUESDAY

October 20

The Chemistry and Chemical Biology Department Fall Seminar Series continues with Joseph Stanzione. His seminar is titled "Vanillin: A Renewable and Versatile Platform Chemical for Sustainable Polymers." It will be held in DCC 330 from 4–5 pm with refreshments served at 3:45 pm.

The Archer Center for Student Leadership Development hosts Slice of Leadership: Voices of Leadership. It is the first of five leadership events as part of a series of leadership events held by the Union and LEAP. Come meet campus leaders and ask them about their experiences. It will be held in Union 3606 from 4–5 pm.

WEDNESDAY

October 21

The Isermann Department of Chemical and Biological Engineering presents Fengnian Xia from Yale University. His speech is titled "Bridging the Gap: Layered Black Phosphorus for Electronics and Optoelectronics." It will be held in Ricketts 211 from 9:30–10:30 am.

The Department of Mechanical, Aerospace, and Nuclear Engineering hosts Dr. Yongfeng Zhang. His seminar is titled "Multiscale Modeling of Pressure Vessel Embrittlement in Light Water Reactors." It will be held in DCC 330 from 10:30–11:30 am.

CLASSIC MOVIE REVIEW

Russel charms audiences in *Auntie Mame*

Elisabeth Ryan
Senior Reviewer

AUNTIE MAME, STARRING ROSALIND RUSSEL, was released in 1958 in scintillating Technicolor. Based on a novel by Patrick Dennis, which was also turned into a musical production, the story centers around the eccentric character of Mame Dennis set in the mid-1920s to mid-30s. Patrick Dennis, the previously mentioned author, is a young boy with a sizeable inheritance who becomes an orphan after his father dies. Due to this unfortunate event, he is sent to his next of kin, Mame. Upon arrival, he undergoes a cultural shock. The world that Patrick had known, uppercrust, is the exact opposite of the world that is Mame's, a bohemian lifestyle full of diverse and varied individuals.

Along with his substantial inheritance, there is a trustee that oversees Patrick and tries to carry out the wishes of his late father. The trustee, Dwight Babcock, is a major character of the story and remains present throughout, representing a bridge from the unconventional world of Mame to the polite society that he was born into. Babcock continually disapproves of that world and how it "negatively" affects Patrick. He insists on sending Patrick to boarding school, only allowing for Mame to have custody of him during Christmas and summer. This is devastating news to both Mame and Patrick, who have forged a strong bond. Also, during

this time, the Great Depression has struck, forcing Mame to seek out occupations as wild and varied as her, including Broadway acting, telephone operating, and cashiering at Macy's.

While working at Macy's during the Christmas season, Mame meets Beauregard Burnside, a rich oiler from the south. He is taken by Mame's charm, and the two begin a romance. Eventually the two marry, but, unfortunately, Beau dies in an accident on their honeymoon. All the while, Patrick is growing up and his ideals are being molded to the cast that Mr. Babcock prefers. He tells Mame of his intentions to marry a girl named Gloria who is "top drawer." Mame is disappointed to find that this girl is shallow and conceited, reflecting the archetypical snobbery of polite society. When Mame goes to visit her parents, they are similar, looking down their noses at people like Mame and those she interacts with. The film escalates in a single scene where Mame invites to her home Patrick, Gloria, Gloria's parents, Mr. Babcock, and a slew of other exciting and lovable characters that we have seen throughout the film and who have been influential on Patrick and his life. The scene proves to expose Gloria and her parents for being shallow bigots and opening Patrick's eyes to what really matters.

This is one of my favorite movies. It has a strong female role with a character who encourages others to be themselves. Mame's famous line from this movie sums up her personality and the nature



Courtesy of fashionindie.com

AUNTIE MAME'S ECCENTRIC CHARACTER IS evident in her choice in fashion.

of this film: "Live! Life is a banquet, and most poor suckers are starving to death." All the characters, even the ones we aren't rooting for, are interesting, entertaining, and well-rounded. The film teaches an important lesson: diversity is favorable, and if an individual is lacking in substance, they aren't worth your time. It also teaches the importance of

family and how family is more than blood relatives. The relationship between Patrick and Mame is touching and is the central theme of the story. While watching, you will laugh and cry and be moved. The entire movie is simply a treat to enjoy. I thoroughly encourage everyone to watch.

Elisabeth's rating: 9/10

Life: Weekly series seeks to reveal stories of average folk

From **Page 12**

in that it provides people an idea of what everyday Americans can, and do, experience.

In the words of Ira Glass, "We're not a news show or a talk show or a call-in show. We're not really formatted like other radio shows at all. Instead, we do these stories that are like movies for radio." In this, Glass is correct, the show isn't based around people directly explaining ideas, it's based around people sharing their experiences and the emotions they create. It's a listening experience, and one that's meant to be engaging in a way that radio traditionally isn't — through each of the stories told on the episode, the listener develops a new set of characters, a new setting, and a new plot.

However, "This American Life" still considers itself, first and foremost, journalism. It's meant to be a journalist's interpretation of people with everyday lives. As Glass says, "We sometimes think of our program as a documentary show for people who normally hate documentaries. A public radio show for people who don't necessarily care for public radio." The design of the program is genuine storytelling, but approached with a sense of journalistic integrity.

And it's clear that Glass' sense of innovation for radio broadcast has paid off; the show receives an estimated 2.1 million listeners per episode, and an average 750,000 downloads. The show's success has spanned decades — following the show's conception in 1995, *Mother Jones* magazine regarded the broadcast as "hip—as well as intensely literary and surprisingly irreverent." Easily the most recognizable weekly broadcast of Public Radio International, the show has gained notoriety and a wide following. It's trendy and intellectual, but maintains a sense of personal accessibility in the fact that it's the experiences of everyday Americans. Glass' piece doesn't play on buzzwords or statistics; it's simple, to the point, and incredibly charming.

As "This American Life" approaches its 20th year, it's important to consider just how transformative the piece has been; Glass managed to make a dying medium relevant, informative, and enthralling. The broadcast started as an experiment in understanding the untold stories of Americans, but it has since transformed into a vital part of radio and culture—"This American Life" is a perfect insight in understanding what it means to live in this country.

Wars: New battlefront open

From **Page 12**

Often, I just enjoyed taking to the skies and piloting a ship and dogfighting my way through the enemy lines. Contrary to the previous installments, dogfighting in ships in this game is smooth and interesting. I feel like I'm actually in the ship chasing after that TIE Fighter, locking them in, firing off my photon torpedoes, and victoriously flying through their wreckage. Also, just like in the movies, when the AT-AT's are vulnerable, players can pilot a snowspeeder, cable tie one of the walker's legs and spin round and round until it goes down. It's extremely satisfying to pull off. Additionally, I found that Darth Vader and Luke Skywalker were not effective in the open field, but once I got them into an enclosed hangar, it was lights out for all the units in my way. A few lightsaber slashes later, I'm at the end of the hallway and with more than 10 kills confirmed. This game mode was my favorite of the three and really hit me with childhood nostalgia.

The beta of the *Star Wars Battlefront* reboot shows great promise and really does the franchise justice with its classic Wilhelm screams and iconic AT-AT walkers. Some people complain that it looks too much like an EA *Battlefield* game, but for me, that sense of scale and ability to pilot vehicles is a huge part for me. I'm too in love with the classic pew-pew blaster rifle sounds and the well-renowned light saber sound effects that the other criticisms don't matter too much to me. Yes, the walker assault is not balanced and there is currently a limited selection of weapons available in the game, but since it's in beta, I don't have qualms about bugs that are going to be fixed. Plus, most fans seem to forget that this sense of 20 versus 20 maps is what we wanted to feel in the original *Star Wars Battlefront* series of games.

Chris' rating: 8/10

Ale: Renssel-ale makes a splash as PU homebrew

From **Page 12**

Dan's review

Noticing our review in the past weeks' *Polys*, Dvorak sent over a note asking if Chris and I would like to sample his homebrewed beer. If you follow the RPI subreddit with a keen eye, you'd remember Dvorak, who goes by the handle /u/anonymoose, post about two and a half months ago about possibly starting a homebrew club.

Renssel-ale, as he calls it, is Dvorak's first batch of beer, finishing the product around the weekend of July 4. It's an American wheat ale, similar to a Hefeweizen.

"I was going for a Blue Moon with a fuller body. I find [Blue Moon] to be a little bland."

— Nick Dvorak '16

After popping the top and pouring the beer into my trusty Superman pint glass, I noticed the aroma of honey and citrus, both of which the beer was brewed with. Also to note was the cloudiness due to it being an unfiltered wheat beer, my personal favorite variety. On the tongue, it was lightly fizzy and fruity, yet slightly bitter. It was, in fact, reminiscent of Blue Moon, and it definitely had the fuller body Dvorak was looking for.

Wheat beers are rarely bitter, so this was a nice surprise.

Dvorak detailed the brewing process for me, saying it was made with citrusy hops, brewed at a constant 62 degrees with two weeks of primary and one week of secondary fermentation. It was conditioned in the bottle for two weeks, as Hefeweizens are. He said that when fresh, the citrus was overpowering. After sitting in the refrigerator for a few months, the flavor, according to Dvorak, had mellowed out.

To hit the perfect 5, the beer could be a little more complex; I'd give this beer a 4.75. Combining my personal preference for wheat beers with a pleasant, but not overbearing, sweet touch, Dvorak's Renssel-ale deserves a high mark. He tells me plans to brew a red ale followed by a cider, and I definitely would like to sample each.

Suffice it to say, if politicking doesn't work out for him, Dvorak could easily have a future in brewing.

Chris' rating: 4.25/5

Dan's rating: 4.75/5

Features

Wednesday, October 14, 2015

BEER REVIEW

PU's brew states its case

Chris Leong
Dan Bruce
Senior Reviewers

Chris's review

THIS PAST WEEK I HAD THE PRIVILEGE OF TASTING NICK DVORAK'S '16 Renssel-ale homebrewed beer. It is a wheat-based beer brewed with hops and citrus.

Upon pouring the Renssel-ale into my pint glass, I noticed its golden amber color and apparent carbonation. Raising the glass up to the light, I found the wheat beer to be slightly cloudy; however, its absorption remained translucent. It, just like any other wheat beer, maintained an appealing head about three centimeters in length, which dissipated after a couple minutes to a thinner film. This film was maintained by the brew's continuous and attractive carbonation stemming from the middle area of the glass. The overall look was inviting, with no sediment floating around and a dark, golden appearance.

Inhaling the beer's aromas, first through my nose then my mouth, I caught bready notes of wheat followed by a distinct sweetness—the citrus. I enjoy beers brewed with fruity elements, and this is no different. To feel out a better characteristic for Dvorak's beer, I took a couple more exploratory sniffs and detected a hoppy scent, which I find unique in wheat beers, since they usually are not brewed with hops. Finally, taking a sip, I tasted mainly a wheat beer flavor, followed by a slight citrus influence and faint hoppy bitterness. I was expecting more of a citrusy power, but I think over time, its citrus flavor slowly diminished, while maintaining the same aroma. As for its bitterness, the brew's hoppy scent correlates with its hoppy taste: present but not overwhelming. Taking another sip of the homebrew, I let the golden liquid roll over my tongue, feeling its smooth texture and crisp carbonation. I relate the feel to a slight seltzer touch, with its bubbles noticeably felt on the tongue.

Overall, the Renssel-ale was a fantastic brew. I can see myself ordering this at the bar or having this in downtown Troy at say, Slidin' Dirty or The Shop. Though I do wish I had the chance to taste it fresh, the same brew poured into a pint glass months later still did the job. I really like the carbonation through the cloudy golden amber hue; it was attractive and gave a fresh-off-the-tap impression.

See ALE, Page 11

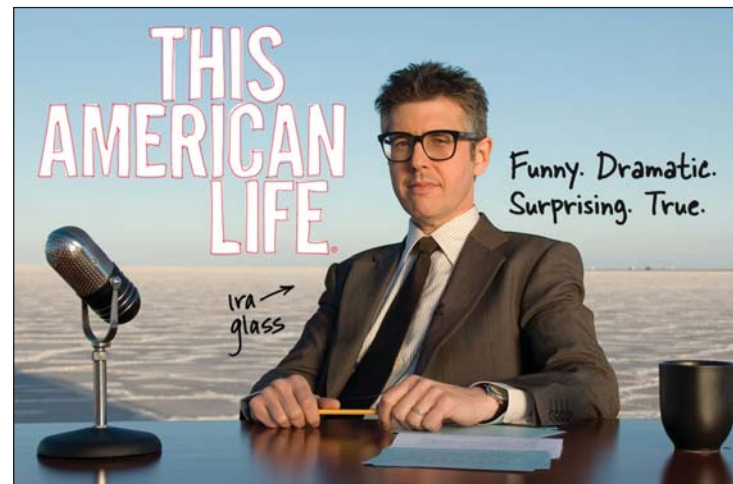


Dan Bruce/The Polytechnic

THE PRESIDENT OF THE UNION NICK DVORAK '16 CRAFTED his own brew and invited us to try it.

PODCAST REVIEW

Average nationals shine in Glass' run



Courtesy of ruralandproud.org

GLASS' PODCAST BRINGS the stories of average Americans to light.

Nathan Dorer
Senior Reviewer

WHEN IRA GLASS CREATED "THIS AMERICAN LIFE" IN 1995, HE SET OUT ON A simple mission: to create a radio broadcast that could capture the stories of the average American. The sensational podcast has consistently been the most popular broadcast in the United States since its conception; Glass' brilliant reporting and comfortable approachability make "This American Life" feel more like a conversation than an informative newscast. The stories range from the charming, to the hilarious, to the downright moving, without a breath in between.

For every episode, Glass chooses a topic. While the central theme can be nearly anything, it serves to provide the audience with a sense of purpose and cohesion in listening. A series of stories with a common theme provides the listener with a multitude of perspectives that ultimately engage a greater understanding of the subject. While the podcast doesn't focus on topics like math or science, it's informative

See LIFE, Page 11

GAME REVIEW

New Star Wars brings nostalgia, ideal sound

Chris Leong
Senior Reviewer

I LOVED STAR WARS AS A KID. ON ONE AFTERNOON, I sat with my brother watching Episodes IV-VI and then I and II right after. It was a long afternoon, but I loved every second of it. I think part of my fandom stemmed from playing the franchise's video game counterparts for years. I remember getting hooked on *Star Wars Galactic Battlegrounds*, the *Star Wars* real time strategy game for PC. Then when I received a Playstation 2 for my birthday, I played the heck out of the first *Star Wars Battlefront*, followed by its sequel, *Star Wars Battlefront II*. So when Electronic Arts released the open beta for *Star Wars Battlefront*, the series' reboot, on October 8, you can bet that I was there playing.

The beta allowed the play-testing of three scenarios: a survival mode against artificial intelligence opponents, a small 16 player drop zone capture the pod mode, and the enormous 40 person walker assault mode over Hoth. Starting out with the survival mode, I found the AI to be underwhelming, with each enemy dying to a single shot. The only difficulty available was easy, so this could be the reason why. The mode was useful as an introduction to the game, giving the player a nifty jetpack and other mods to help aid survival, in addition to tips and tricks on how to maneuver. I'm looking forward to harder difficulties and playing with friends.

The next mode I tried out was drop zone, which pits eight rebel players versus eight imperial troopers. The objective is to capture the drop pods that crash land on the map area to score points and gain collectibles. Wait,



Courtesy of Electronic Arts

THE BETA VERSION OF NEW STAR WARS DELIVERS all of the stops and impresses despite general buffs and balance issues.

did I mention the graphics are amazing yet? No? Well, they are breathtaking, especially compared to the original *Battlefront* games. In the drop zone mode, every graphical detail has been fleshed out, from the Lambda-class T-4a Imperial Shuttle in the middle of the map, to the pods coming in hot from outer space. The game really makes me feel like I could be there, fighting the rebel scum, vying for control of the pods. Anyway, the drop zone mode is similar to area control capture the flag, requiring each team to hold down a point for a certain amount of time. I thought the game mode was nothing new, but the gameplay and the feel of playing as the rebels or imperials was more than enough.

After I grew tired of drop zone, I finally chose to tackle the walker assault mode over Hoth, and let me tell you, it is ridiculous. Just the thought of a 20 versus 20 multiplayer map over a detailed, humongous battlefield is crazy, but lay over it a *Star Wars* theme, towering all terrain armored transport walkers, the planet Hoth, and you've got a *Star Wars Battlefront* nerd's wet dream. Players can grab power up tokens which allow them to pilot the AT-AT's, smaller all terrain scout transport, TIE Fighters, Darth Vader, Luke Skywalker, A-Wings, Snowspeeders, and tons more. It's insane. Through this almost 20 minutes of madness, there are objectives;

the Imperial forces' objective is to take down uplink points which allow the rebels to call in Y-Wings. These Y-Wings bomb the AT-AT walkers, which make them vulnerable to damage. However, the Y-Wings do not last long and once they are destroyed, the AT-AT's once again become invulnerable and slowly march towards the rebels' shield generator. The rebels lose if the AT-AT's are not destroyed before the last checkpoint. Most people during the beta found that the Imperials won almost every single time, since it was difficult to take down the walkers effectively. However, winning or losing was not of importance to me.

See WARS, Page 11