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CAMPUS EVENT

Helicopters, businesses take '86 Field



Sidney Kochman/The Polytechnic

A SIKORSKY UH- 60L BLACKHAWK LANDS ON the '86 Field to draw student interest in the field of manufacturing engineering.

Jonathan Caicedo
Senior Reporter

RENSSELAER'S FIFTH ANNUAL NATIONAL Manufacturing Day program, hosted by the School of Engineering, took place last Friday in tandem with many manufacturing organizations. Companies from across the country traveled to Rensselaer to inform the students, faculty, and staff on what manufacturing actually is, and to take charge of the public perception of it. Events included programs and keynote speakers, exhibits from student organizations, and undergraduate-led lab tours of several

Rensselaer facilities. However, the most visible event was the landing of a Sikorsky UH-60L Black Hawk on Rensselaer's '86 field. The early morning landing and mid-afternoon takeoff of the UH-60L Black Hawk, piloted by members of the Army National Guard's 42nd Infantry Division, drew a crowd of students and alumni who explored the on-display aircraft, learned about technologies being used in the field, and networked with representatives from Sikorsky, Snap-On, and the New York State Army National Guard. The National Manufacturing Day program at Rensselaer officially

kicked off in EMPAC, with program speeches from graduate student James Nowak, president of the Rensselaer chapter of the Society of Manufacturing Engineers; Sam Chiappone, director of manufacturing innovation in the School of Engineering; and local officials, including Troy Mayor Patrick Madden, New York State Assemblyman John T. MacDonald III, and New York State Senator Neil Breslin. Ryan Patry, manager of manufacturing technology at Sikorsky Aircraft, gave a keynote highlighting his experiences in manufacturing, and the importance of the field especially for innovation and future generations. Afterwards,

nearly 300 high school students from New York's Capital District Region partook in undergraduate-led tours of numerous Rensselaer facilities including the Center for Automation Technologies and Systems and the Manufacturing Innovation Learning Laboratory, and took part in activities that focused on Rensselaer initiatives in the field of manufacturing. This program was one of many that Rensselaer holds to foster engagement in numerous fields of science and technology. Thanks to the overwhelming response and engagement from the Rensselaer community, this will not be the last. ♦

RENSSELAER UNION

Director of Archer Center honored

Linda Teitelman McCloskey retires after 30 years with Rensselaer

Peter Gramenides
Staff Reporter

THIS PAST WEDNESDAY MARKED THE RETIREMENT reception for Linda Teitelman McCloskey, founding director of the Archer Center for Student Leadership Development and 30 year veteran at Rensselaer. Prior to her role in the Archer Center, she served as Associate Director of Student Activities.

McCloskey's many contributions to Rensselaer usher themselves in the professional leadership development and personal impact McCloskey had on many members of the Rensselaer community. This is reflected best in the size of the audience, ranging from students to faculty members, that came to celebrate her retirement and the legacy she leaves behind in the form of the Archer Center for Student Leadership Development.

The Archer Center, formerly known as Center for Student Leadership Development, has roots in the Rensselaer Union and originally served to provide students with leadership education outside the classroom for the

benefit of Rensselaer students and faculty. In 1989, McCloskey became director of the Center, later renamed the Archer Center for Student Leadership Development in 1992. She took on a profound role in re-shaping the future of the Archer Center to include innovative programs that continue to impact the campus community. Since its founding, the Archer Center has been an invaluable outlet to Rensselaer students and serves "an important role in helping Rensselaer students make the transition from the classroom to the next phases of their lives." This comes in the form of adventure-based initiatives, corporate training techniques, emotional intelligence, and ethical decision making training offered through custom-designed workshops for student organizations.

Currently, the Archer Center also teaches a required course sequence in the Lally School of Management and a required Professional Development course sequence in the School of Engineering intended to educate students in essential skills needed to succeed in future leadership positions as Rensselaer alumni.

These contributions, largely, were culminated under McCloskey's leadership.

In addition, McCloskey was the recipient of the 2015 NASPA Region II Outstanding Contribution to Student Leadership Award in recognition of her dedication to the campus community and work to improve Student Life on campus.

In an open letter addressed to the Rensselaer community, Dr. Frank E. Ross, vice president for Student Life, remarked on Linda's retirement, stating "Linda's time at Rensselaer is marked by a strong commitment to students and their leadership education. During Linda's tenure, the Archer Center developed and enhanced a number of innovative and collaborative experiences for students, including the Professional Leadership Program, Leadership Educators Advising Peers, and Leadership House."

Finally, he elaborated on the fact that the campus community should join him in thanking Linda for her achievements and extend best wishes to her in retirement. ♦

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SENATE

Changes to HASS and Science core coming soon

Upcoming reforms mandate that students gain leadership experience as freshmen

David Raab

Senior Reporter

THE SENATE MEETING OPENED WITH A PRESENTATION OF proposed changes to the Institute core curriculum by Associate Professor of Biology and Faculty Senate Core Curriculum Implementation Committee Chairperson Lee Ligon and Vice Provost for Undergraduate Education Linda Schadler. The committee has been working on a proposal to make changes since “no one can remember the last time core curriculum was updated,” according to Ligon. Ligon said that the proposals are guided by the intersection of three main areas: the Science and the Humanities, Arts, and Social Sciences core, major requirements, and co and extracurricular activities. In fact, one of the guiding principles behind these changes would be to more deliberately intersect the varying segments of the student experience here at Rensselaer. Any changes would not be implemented until the fall of 2018 at the earliest (and then only for incoming students), so the Senate was asked to provide feedback on behalf of future students.

The proposed HASS changes would require all first year students to take both an exposure/inquiry course and also a communication intensive course during their first year here. The depth requirement would also change to become three courses, rather than the current two, but the distinction between Humanities and Social Science courses would be eliminated. Changes to the School of Science would be minimal, and would mainly center around the Math Department offering introduction courses in subjects other than calculus for majors where calculus is less applicable.

Other changes to the student experience include a freshman summer reading requirement, an educational experience that occurs away from campus, and also proof of a leadership experience. The “away experience” would be fulfilled by participation in the Summer Arch program, but those students who are exempt from the program would need to find another way to fulfill the requirement. Schadler elaborated on the leadership requirement by saying it would be interpreted in the broadest way possible, which means

both academic and club experiences could count. Finally, there would be a requirement for all students once a semester to an academic activity outside of courses, such as attending a seminar, talk, or broadly-defined cultural event.

Ligon promised the Senate she would send them the actual draft report of the core curriculum implementation report and encouraged Senators to give their feedback through either the Grand Marshal Paul Ilori '17 or Academic Affairs Committee chairman Varun Rao '18.

Next, the Senate committee chairmen gave their weekly reports. Chairman of the Rules and Elections Committee Hannah Rabinowitz '18, shared that the freshmen elections had been successful and that her committee is working on revising the elections handbook for the Grand Marshal week elections.

Rao shared that the Academic Affairs committee is working on convincing other departments to implement a flowchart for major concentrations in their major similar to what the Electrical and Computer Systems Engineering Department offers.

Facilities and Services committee chairman Austin Miller '17 informed the Senate that he is working on having Public Safety officers available in Commons one night for dinner for people to get to know what they offer for campus. Justin Etzine '18 of the Student Life Committee shared that he will be meeting with Vice President for Administration Claude Rounds, Director of Public Safety Jerry Matthews, and Director of Physical Plant Ernie Katzwinkel to discuss the proposal for changes to student access to residence halls across campus. The committee's Preferred Names project is still awaiting release from the Registrar's office before publicizing.

The Senate then transitioned to discussing their bylaws. Right now, in order for the Senate to change its bylaws, there needs to be one vote to remove the existing bylaw and another vote to insert another bylaw to replace the one that was removed. Additionally, the Senate follows Robert's Rules of Order, so any rules that copy the Rules in the Bylaws can be removed if redundant. Etzine brought the example that the Grand Marshal should be able to change

the agenda of the meeting in order to accommodate guests without fear of being called out of order by the Senate. Ultimately, the Senate voted to remove the provision in the bylaws about two votes being needed to make changes, and tabled other discussion until after more research is done into the exact changes that need to be made.

After much debate, the Senate voted 12-4-3 in favor of the established of a new Election Policy Review committee in order to review the operations and structure of R&E. Ilori explained that this is not a bad mark on R&E for the past freshman elections, but that GM Week elections for the past three years have been mired in controversy and have been basically decided by a decision of the Judicial Board. Graduate senator Anthony Bishop elaborated on some previous fiascos in GM Week history, saying that this year is his seventh year at RPI and that he has served on both J-Board and R&E during his tenure as a student here. Rabinowitz was against the creation of this committee because she felt that R&E could do an effective review of itself and make changes internally. Several other senators discussed how R&E has in the past has been seen as having a specter of conflict of interest in some of their decisions and how some people think they are corrupt. The new committee is meant to be an independent voice in order to recommend changes, or no changes if they feel like none are warranted.

The last order of business of the meeting was to vote on the chairman of the newly created review committee. Ilori motioned to appoint Bishop as chairman, giving credit to his extensive experience on both R&E and J-Board. Many senators, however shared concerns that appointing an insider as the chairman of the committee would negate the purpose which is to have an independent review of R&E's operation structure. Also, general consensus was reached that this position should be filled through an open call to the Union community. In the end, the motion to appoint Bishop was indefinitely postponed by the Senate by a vote of 10-7-3. ♦

EXECUTIVE BOARD

Sole Survivor becomes Union recognized

Campus group brings awareness to sexual assault, provide victims with resources at RPI

Elisabeth Ryan

Senior Reporter

THE RENSSELAER UNION EXECUTIVE BOARD began their meeting Thursday, October 13 by approving the constitution of the RPI Interplanetary Society. They are now an official Union-recognized club.

A new organization known as Sole Survivors has come to RPI's campus. They were the group responsible for raising awareness for sexual assault victims on October 7 in the form of a campus-wide campaign. This campaign included spray-painting footprints on walkways and selling merchandise. The event raised about \$500. President and cofounder Erin Berube '18 accompanied by vice president and cofounder Bethany Hanson '18 represented the group in their pursuit of Union recognition.

The purpose of Sole Survivor is to raise support and awareness for sexual assault victims and to show solidarity to those individuals. Berube and Hanson made it clear that while the group can direct victims to the proper resources, they themselves do not have the resources to rehabilitate victims.

Berube and Hanson expressed their future plans, which included teaming up with RPI Athletics for events such as “Take Back the Night” and home games to help raise funds and awareness. They stated that their ultimate goal is to “bridge the gap between students and the professional resources” and to “start the conversation” on sexual assault. The motion to approve Sole Survivors as a Union-recognized club was passed unanimously.



Brookelyn Parslow/The Polytechnic

MEMBERS OF SOLE SURVIVOR SIT before the Executive Board to explain their role in helping sexual assault victims.

As a token of their gratitude, the E-Board approved the motion to have a portrait made for Linda Teitelman McCloskey. This portrait will be placed in the north

lobby of the Union beside the portrait of Rick Hart '70, former director of the Union. The members of the Executive Board have chosen to have this gift made

in honor of the great impact her tenure has had on the campus. ♦

PRESIDENT'S

Fall Town Meeting

Wednesday, October 26
3:00–4:00 p.m.

EMPAC Theater

FEATURING:

Institute Update | Q&A | Refreshments

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Editorial

Wednesday, October 19, 2016

EDITOR'S CORNER

Hydroponics redefining future production of food

Changes from centralized to individualized distribution

FOOD IS AN INTEREST OF MINE. BIG SURPRISE FOR a college age male, right? But it's not just the consumption of food that I'm interested in, it's the production: how it's grown, harvested, and shipped. In high school I discovered a passion for hydroponics—the growth of plants without the use of soil. The roots often are left to dangle in reservoirs of nutrient-rich water, with inflated clay pellets used to support some of the roots and hold in moisture. I was fascinated by the ability to grow plants in such a controlled environment; in that, I saw a future.

To switch tracks for a couple of paragraphs, I want to discuss economist Jeremy Rifkin's lecture on solar energy and global climate change from 2013. Skipping past the doom-and-gloom that the environmental talk brings up, Rifkin spoke about his vision for the power grid and how it should adapt. He compared it to media and how we consume it. In the past two decades, we have seen a monumental shift: prior to the internet, media came to us in a "top-down" form—TV stations, radio stations, and movie studios all producing content and distributing it to the masses. Today, especially for the younger generation, so much of our media consumption comes from a wide variety of sources. The internet has created a platform where the "average" citizen can produce something and have it seen by millions. Sure, there are still big players who produce a large amount of content, but now more than ever we see the work of the individual.

Rifkin took this "bottom-up" model and applied it to the energy grid. Currently, we derive our power from a few large producers: coal, gas, hydro, nuclear; singular plants that provide for

millions. Rifkin argued that to solve our ever-increasing energy needs, we should adopt a model similar to that of our media consumption—individual, distributed generation. He imagined every house on every street gathering solar energy and selling it to the grid for distribution. Instead of huge solar fields replacing coal, have rows of solar panels on houses replacing coal. It's taking a small number and multiplying it by something huge.

I loved this thought process, so I took it on and applied it to my passion. In your refrigerator right now, where was that apple grown? It's autumn, so it's probably locally grown, right? But in three months from now, in the dead of winter, where are those fresh fruits and vegetables grown? Probably not anywhere within 1,000 miles of where they're sold—that's for certain. I will argue that this doesn't need to be the case; I can grow fresh fruits and vegetables in any climate, any time of year, anywhere thanks to hydroponics.

In my mind, I imagine hydroponic farms in cities and towns across the United States. Each one would be climate controlled to match optimal growing conditions, along with strict nutrient control to match the growth stage. Instead of importing fresh produce from thousands of miles away, we could be producing our food ten miles away, every day of the year. I see the future of agriculture in hydroponic farming.

For anyone interested, Rifkin's talk can be found at <https://poly.rpi.edu/s/5cvqp>. It's just under an hour and well worth a listen. ♦



Jack Wellhofer
Editor in Chief

EDITORIAL NOTEBOOK

Pledging for future success

Revising expectations, capitalizing on bold new opportunities for betterment of our community

I'LL BE HONEST THAT I WAS ONE of those freshman nearly three months ago who came to RPI and was instantly overwhelmed by opportunities, whether they were academics, meeting new people, or that endless stream of emails once you sign up for RPI Jinder (JobLink) alerting you that companies are interviewing in your area.

I wanted to explore all of these, and even maybe go outside my comfort zone to find something new. That was when I found Greek life. I was sitting in my dorm, calmly reading *Democratism* by Cognitive Science

some activity not necessarily permitted by the Institute, but to eat lobster with them and the hordes of other freshmen sitting on their lawn.

As a typical college student, I graciously accepted the offer of free food, but I was secretly nervous. "A frat? Bad idea," I thought as I walked down sketchy Burdett Avenue.

Of course, I wasn't and never will be the stereotypical "frat guy." I don't do drugs, I get good grades, I love to write, and I've probably read enough books to fill the Troy Building. None of this

mattered though, once I entered through the great wooden doors of the fraternity.

Everyone was unique and different in their own special way, and this made me feel at home. This made me want to become a pledge at a fraternity during my first semester of freshman year

and is definitely an opportunity I am glad I capitalized upon.

Greek life, although I have been a part of it for only a short period of time, is something I feel is one of the most unique aspects of RPI and one I surely want to contribute to during my time at RPI. The brothers have been nothing but accepting, and I truly feel like many have already begun to serve as role models for my future academic success.

I also don't want to generalize the conglomerate that is Greek life. No given Greek organization is the same, just like any given individual. However, it can be easy to sit from the sidelines and see Greek life in black and white terms.

At the same time, we should all try to move past these narrow perspectives and see people as individuals, and houses as composed of individuals, not to the detriment of any given organization, but for the betterment of ourselves and the Rensselaer community as a whole. ♦



Peter Gramenides
Associate News Editor

Professor Bill Puka and gazing at my newly issued official *Poly* email address, when I heard a knock at the door.

Slowly turning the lock and sliding the door open, I saw two older gentlemen wearing Greek letters trying to solicit me to go to their house. Not to engage in

STAFF EDITORIAL

Shifting weekly printed content to daily online news

IN THE COMING WEEKS, *THE Polytechnic* will be testing a new way of publishing. Instead of waiting for Wednesday to roll around, we will aim to publish content to our website as it comes in. We live in a world where social media is a dominant news source—everything happens faster today than it did 10 years ago. Waiting until Wednesdays for coverage of events happening today simply doesn't cut it anymore.

For some of the more "breaking news" type of events from recent years, this is something we've done with some success. Yes, it required new deadlines to be met and some unusual working hours, but it was important that those stories reached the Rensselaer community as quickly as possible.

Don't get us wrong; the Wednesday paper isn't going

away anytime soon. We know many prefer to sit down with the paper at lunch and peruse—reading articles that might otherwise have been left unread. As long as we have the funds and the capability to provide the community with a physical copy, we will.

This change does not come without challenge. *The Poly* is not our full time job—although it feels that way for some of us. Covering an event, writing the article, and getting it through three rounds of copy reading all take time. With rolling deadlines, there is less pressure to finish up an article over taking extra time to prepare for an exam. It will certainly be difficult for us to adapt to this change, but we believe it will come as a benefit to the community. ♦

the polytechnic

Editor in Chief

Jack Wellhofer

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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 fewer 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 semestery 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.

DERBY

Students appreciate educational evolution

Hi, RPI!

As many of you may know, Linda Teitelman McCloskey, the founding director of the Archer Center for Student Leadership Development, retired last week. In her roles on campus, she was a mentor and teacher to student leaders and worked hard to advocate on behalf of all students and on behalf of the Rensselaer Union. Linda was truly a transformative force at RPI. She began working in the Union as director of student activities in 1984 and not long after, she and student leaders in the Union formed what would later become the Archer Center for Student Leadership Development. The Archer Center went on to become a national model for leadership instruction at colleges and universities.

Representatives from across the country flocked to RPI to learn about what Linda had created and how to build something similar at their own schools. Today, the Archer Center is an integral part of educating engineering and management students in the classroom and provides many more opportunities for extracurricular learning and practice of leadership. It's safe to say that without the hard work Linda gave to RPI, our education would not be the same as it is today and not as valuable to our future as professionals. Out of genuine appreciation for the impact she has had on RPI and her outstanding work with students in the Union, the Rensselaer Union Executive Board and I would like to thank Linda for all that she has done for us and for the

many students who have attended and have yet to attend RPI. Thank you Linda. Have a happy retirement!

In other news, this weekend we will be celebrating Family Weekend at RPI. Not only is this a weekend for spending time with your families and showing them around campus it's also packed with opportunities to see what clubs in the Union put together every year. This Friday evening, UPAC Comedy will be hosting comedian Brett



Chip Kirchner
President of the Union

Druck in the McNeil Room beginning at 8 pm. Simultaneously, the RPI Players and Sheer Idiocy will be hosting performances of their own, both beginning at 8 pm Friday. The next morning, International Festival begins at 11 am with over 25 student groups celebrating their heritages through food, education, and performances. This showcase is an incredible cultural exchange that exemplifies the rich background of all of RPI's students

and student groups. But wait, there's more! On Sunday beginning at 9 am 151st Grand Marshal Paul Ilori '17 and I will be hosting the annual GM/PU Breakfast in the Union. All of these events just barely scratch the surface of the totality of Family Weekend and I encourage everyone to go online and look up the Family Weekend 2016 schedule at <https://poly.rpi.edu/s/d919h> to see everything it has to offer. Clubs in the Union make up a good portion of the events and we should all support our fellow students' hard work in hosting these events. ♦

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Poly Snapshots

Photos and interviews by Maria Kozdroj and Sidney Kochman

The Question:

If there's one thing you could change about RPI, what would it be?



Trenton Baldrey
MGMT '17

"It'd be nice if RPI created a basic poster creation template so you can plug and chug."



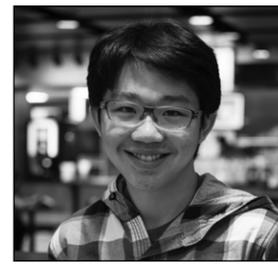
James Kelly
MECL '19

"The Engineering CAD class uses NX 10 and it's horrible. The class should use SolidWorks or AutoCAD, because those are used in the real world."



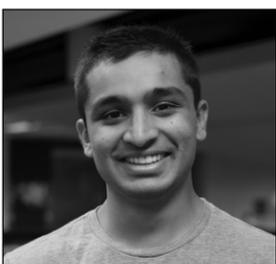
Rob Zwier
CSYS '17

"The class schedule should be switched around. Instead of Monday-Thursday, Tuesday-Friday classes, how about Monday-Wednesday classes."



Jason Lee
CSCI '19

"It would be nice if more people came out to events. Just more people to participate in clubs would get more things done and make the clubs look good."



Devan Naik
CIVL '17

"It would be the amount of work professors give outside of class. I feel like it takes away from some college experiences and from spending time with friends."



Ken Hansen
CHEG '19

"More student-based activities at EMPAC; it just seems too high profile. I will like to see more low-key things there in order to utilize it more. There's not many opportunities there."



Liam Weiner
PHYS '17

"In terms of pool: new cues, they run out of them real quick. Also TVs around the Games Room to watch football then play some pool; I would spend my whole Sunday here!"



Richard Lin
CSCI '18

"Instead of taking classes we're required to take that aren't related to our major, for example Physics 1 and 2, we should have more time to take classes we're interested in."

DILBERT

by Scott Adams

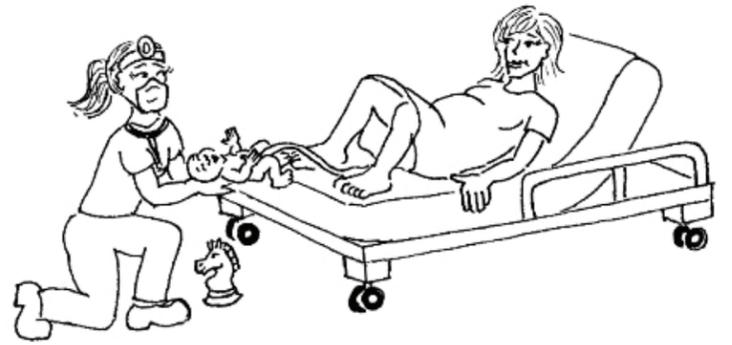
TOP TEN LIST



Families

- 10. Orthorrhynchiaceae
- 9. Kennedy
- 8. Serif
- 7. Brady bunch
- 6. Beckham
- 5. Royal
- 4. Poly
- 3. Jackson (Five)
- 2. Obama
- 1. Kardashian

MONDAY PUNDAY by Matthew Broussard



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DILBERT

by Scott Adams

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3. Jackson (Five)
2. Obama
1. Kardashian

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by Ana Wishnoff

XKCD

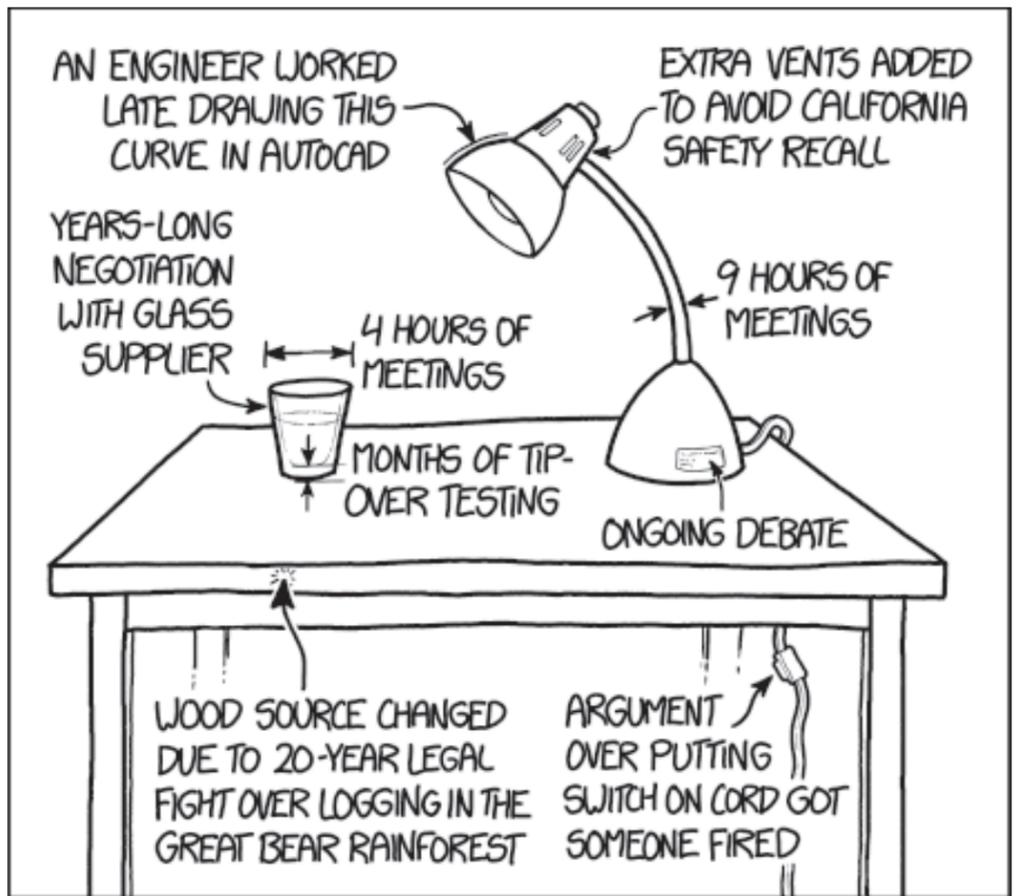
by Randall Munroe

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

Cities in New York

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

Wednesday, October 19, 2016

WOMEN'S SOCCER

Rensselaer now 11-3 after successful weekend



Sidney Kochman/The Polytechnic

SENIOR MIDFIELDER KENSEY WATERMAN LAUNCHES the ball toward the net in Saturday's game. Waterman scored the only goal in the game against the Golden Nights. (file photo)

Adam Rabinowitz
Senior Reporter

WOMEN'S SOCCER HAD TWO AWAY GAMES this past weekend as they traveled to face Clarkson University on Friday and St. Lawrence University on Saturday. The Engineers, who had just come off a 1-2 loss to Vassar College in overtime last weekend, were out for redemption this time around.

The Engineers started off with a 1-0 win against Clarkson. The game's lone goal came from senior midfielder Kensey Waterman in the 24th minute, with freshmen forward coming Emily Kaplan had the assist.

Clarkson tried responding in the second half, putting up nine shots, but freshman Joey Lyons continued a great season as goalie by keeping the Clarkson scoreless. Lyons ultimately finished the day with six saves, and earned her 7th shutout of this season.

According to Assistant Coach Shelby Stromerson '15, the team's primary goal for this weekend was to come away with six points, or two wins. "Starting with a win [against Clarkson] put us on track toward those 6 points and help[ed] us regain some points and recognition after the loss [to Vassar]."

The Engineers then faced the tougher St. Lawrence Saints. The game remained

scoreless throughout the first half, with St. Lawrence edging RPI 7-2 in shot attempts.

Both teams kept up the aggression in the second half. Senior forward Cori Winslow attempted a shot in the 48th minute, but was unsuccessful, and sophomore forward Emily Dunn saw the same fate with her shot in the 78th minute.

With the game still scoreless at the end of regulation, RPI and St. Lawrence entered overtime. Unlike their previous OT loss to Vassar from the week before, RPI came in with a better mindset this week.

RPI opened up the OT with multiple shots on goal and multiple corner kicks, keeping the aggression up.

In the 100th minute freshman midfielder, Jacqui Richard found the net to clinch RPI's victory. With the win, RPI improved to 11-3-0 for the season. Lyons recorded her eighth shutout saves and improved to 11-3-0 as well.

With 4 games left this season, Stromerson said that the team will work extra hard to win every game now. "Every game from now on is a must win to ensure that we qualify for the league tournament," she said.

The Engineers will face Bard College away on Saturday. ♦

CROSS COUNTRY

Fazio places fourth, Lord sixth at New Jersey championship

Michael Baird
Senior Reporter

SENIOR BEN FAZIO FINISHED THE MEN'S 8000 METER championship race ahead of 371 runnings with his fourth-place time of 23:35.1 on Saturday in Glassboro, New Jersey, at the 45-school Inter-Regional Border Battle hosted by Rowan University. The men's and women's teams, both ranked No. 11 in Division III heading into the meet, represented one of ten nationally-ranked schools at the meet. Colleges from as far away as Georgia attended.

Following Fazio was sophomore Grant O'Connor who helped the Engineers to 3rd place by placing in seventh with a time of 23:40.8, averaging a 4:46 mile pace. Sophomore Sean O'Connor ranked third for RPI placing 28th overall in a time of 24:19.7. The overall

team champion with 71 points was the State University of New York Geneseo, led by first place Isaac Garcia-Cassani who crossed in 23:19.9.

In a 386-person field with 45 teams participating, junior Jaime Lord raced hard to earn a top ten position in the women's 6000 meter championship race. Her time of 21:06.5 earned her eighth place. Behind Lord in 50th was senior Mary West in 22:07.8, then sophomore Karina Bolton with a time of 22:10.6, senior Maddie Dery in 22:35.0, and senior Allison Thayer in 22:47.7. Their individual efforts added up to 296 points, winning them an eighth place team title. John Hopkins University took first at the meet with 70 points.

Four races were held at the meet, including two open races and two championship races. The top ten athletes on each men's and women's team were invited to compete in the championship races, while the remaining

athletes competed in the open races. Both courses were flat and weather conditions were good for racing.

After an injury that set her back last cross country season, senior Emily Stickle returned to racing this semester, competing in the open race on Saturday. As the end of her final season of cross country at RPI draws near, her goal is to break 25 minutes in the 6000 meters again. "I have one race left," Stickle said. "I think I can do it."

That one race remaining will happen on Saturday, October 29, in Geneva, New York, at the Liberty League Championship hosted by Hobart and William Smith Colleges. The Engineers' regular season ended on Saturday, and from here, they are looking ahead to Liberty League, Regional, and NCAA Division III National Championship meets. ♦

MEN'S ICE HOCKEY

RPI Engineers fall short against Fighting Hawks

Sean Beacham
Staff Reporter

THE ENGINEERS TRAVELED WEST OVER THE weekend to face off against the University of North Dakota in their third weekend of play. The puck dropped at 7:05 pm at UND on Saturday evening. Tyson Jost won the first faceoff against the Engineers' sophomore Evan Tironese. Following were the first two shots of the game, one blocked by junior defenseman Mike Prapavessis and the other a save by freshman goalie Chase Perry. Despite the immediate offensive push by UND, Tironese, assisted by senior forward Riley Bourbonnais and junior forward Lou Nanne, scored the first goal of the game four minutes in for RPI.

The remainder of the first period was not bright for the Engineers, only having attempted a total of five shots on net to North Dakota's 13, resulting in a tied game going into the second. The Engineers played a solid defense on their three penalty kills in the first period, but were not able to capitalize on their two chances at power plays.

After a little more than five minutes into the second period, UND's Tyson Jost scored the third goal of the game followed by another UND goal a minute later. Tensions were rising half way through the period and three penalties were called within five minutes of play. Senior forward Jake Wood managed to pull back the lead to one goal by scoring his first goal of the season with three minutes left in the period assisted by freshman defenseman Will Reilly. The period ended with a score of 3-2, UND still in the lead, but on their heels from the recent push from the Engineers.

The Engineers had to kill penalties from the end of the second period almost straight through into four minutes of the third. Although they successfully killed every single penalty of the game, the Engineers gave up two unanswered goals in the third, resulting in a 5-2 loss.



Jack Wellhofer/The Polytechnic

JUNIOR DEFENSEMEN MIKE PRAPAVESSIS EVADES the reach of McGill University's Samuel Hodhod on October 2.(file photo)

Faceoffs and shots on net were both issues for the Engineers in this game, only having one third the total shots of UND by the end of the third. The Engineers did match UND in penalties and no short-handed goals were scored of let up for the entire game.

The Engineers have had a rough start to the season, but there is a lot of fresh talent on the team being developed. Rensselaer's freshman goalie had a better save percentage than UND's junior. Reilly, another freshman, had a critical assist during the game.

RPI is at home for Family Weekend,

playing Niagara University and Rochester Institute of Technology, followed by two games against Union over the Halloween weekend. This is an exciting line up; hopefully, with the support of the Rensselaer student body, the Engineers can kick this losing streak and bring their all. ♦

Scores from the Week

Friday, October 14

Women's Hockey vs. Univ. of Connecticut W 3-0

Men's Soccer vs. Clarkson Univ. W 1-0

Saturday, October 15

Hockey at Univ. of North Dakota L 2-5

Women's Hockey at Univ. of Connecticut L 1-4

Women's Soccer at St. Lawrence Univ. W 1-0

Men's Soccer vs. St. Lawrence Univ. W 1-0

Football at US Merchant Marine Academy L 13-16

Men's Cross Country at Inter-Regional Border Battle 3rd of 40

Women's Cross Country at Inter-Regional Border Battle 7th of 45

Sunday, October 16

Field Hockey at. Union 8th of 22

Tuesday, October 18

Women's Soccer at. Union W 2-0

TENNIS

Freshmen duo faces stiff competition in AZ

Maria Espinosa
Staff Reporter

AS THE TENNIS SEASON COMES TO AN end, the Engineers competed in one last tournament. After freshmen duo of Sebastian Castillo-Sanchez and Zack Ebenfeld won the doubles title at the ITA Northeast Regional earlier this month, they qualified to compete at the ITA Oracle Cup. The prestigious Oracle Cup took place in Surprise, Arizona this past week.

On Wednesday, Castillo-Sanchez and Ebenfeld played their first round match and lost to a team

from Emory University 6-7, 1-6. In the second round, Castillo-Sanchez and Ebenfeld faced a doubles team of seniors from Johns Hopkins University. Castillo-Sanchez and Ebenfeld lost their second round match 1-6, 3-6. The young Rensselaer doubles team played their last match against a strong team from the University of St. Thomas. The Engineers lost the match in three sets 5-7, 7-5, 7-10.

In the end, Castillo-Sanchez and Ebenfeld placed eighth in the tournament. We look forward to the start of tennis season next semester. ♦

The Poly wishes everyone a happy weekend with their families!

Events

Wednesday, October 19, 2016

Family Weekend Edition

Friday

In-Classroom Experience

Various Locations; 8 am–4 pm

The list of possible classes to attend can be found at <https://poly.rpi.edu/s/d919h>.

Family Weekend Welcome Center

Heffner Alumni House; 9 am–7 pm

School of Architecture Overview

11 am–noon

Take a tour of the Greene Building's studios, fabrication shop, and library.

Study Abroad 101

1–2 pm

Get the facts on when, where and how your student can study abroad.

Rensselaer Traditions

2–3:30 pm

Join John Kolb as he discusses the history and traditions of Rensselaer.

Opportunities for Student Leadership

3–4 pm

This session will let families experience some of the skill sets and interactive activities their student will experience.

Shabbat Dinner

6:30–8 pm

Circle K Haunted House

6:30–9:30 pm

Tickets are \$6 for one or \$10 for two.

SleepWalks: The Body of Dreams

6:30–9:30 pm

The Body of Dreams, a multi-media dance performance. The cost is \$10.

Men's Hockey vs. Niagara University

7–9:30 pm

UPAC Comedy Show

7:30–9:30 pm

Sheer Idiocy

8–10pm

Join Sheer Idiocy, RPI's best and only improvisational comedy troupe, for an evening of laughter and family-friendly fun at the EMPAC Theater.

Play On!

8–10pm

Presented by the RPI Players, this is the hilarious story of a theater group trying desperately to put on a play in spite of maddening interference from a haughty author who keeps revising the script.

Saturday

Presidential Kick-Off

9–9:30 am

Join President Jackson at a presentation of accomplishments as she welcomes you to the campus for Family Weekend 2016.

Troy Farmer's Market

9:30 am–2 pm

More than 50 food growers, chefs, and artisans gather to offer the Capital Region's freshest and finest.

Honor's Convocation

10 am–noon

Rensselaer's event to celebrate the academic accomplishments of students and faculty.

LEGO Robotics Workshop

10 am–noon

RPI student mentors will guide participants as they learn the basics behind construction and programming of a LEGO EV3 Robot.

Minicon

2–3:30 pm

This event will feature student artists and panelists with interactive activities from on campus organizations.

Learn to Speak Chinese

11 am–1 pm

Participate in a demonstration of Chinese paper-cutting artwork and paper lantern making. Chinese tea will be provided.

International Festival

11 am–2 pm

This program aims to acquaint students with the cultures and lifestyles of students at RPI who hail from around the world.

Fall Fest

Noon–3 pm

Fall Fest showcases student performances, demonstrations, and activities designed to celebrate the fall season.

Punkin Chunkin' Competition

12:30–3:30 pm

Watch teams pit their launchers against one another, flinging pumpkins through the sky in a quest for victory.

RMA Family Weekend Concert

2–4 pm

Listen to enthralling performances by RPI's many ensembles for this annual concert.

Jump, Jive & Jazz

7–9 pm

Join Jazz@Rensselaer and the RPI Ballroom Club for our annual swing dance!

ARTIST SPOTLIGHT

From room to headphones

Artist breaks mold with fiery home-recorded music

Tanner Vargas
Staff Reviewer

YOU MIGHT HAVE SEEN HER CROWD-surfing at a music festival in the heat of last summer. You might have seen her belting a lyric during a late night talk show performance, with her signature, tight braid twisting to the beat. Karen Marie Ørsted, known as MØ, has been on the rise in the music scene for several years now. With a debut album under her belt and a string of electrifying singles released this year alone, MØ is overdue for a supermassive explosion to stardom.

The Danish singer-songwriter with a fiery personality has dreamed of performing since the age of seven. After an inspired stint in a punk duo, hundreds of performances, and years of hard work, she broke out into the music scene as a solo artist in 2012. The road to her debut album included an EP, *Bikini Daze*. The four-song set was a perfect sampling of MØ's remarkable vocal and songwriting talents, from the electric "Dark Night" to the slow-burning "Never Wanna Know." The breakout moment of *Daze* was "XXX 88," a rebellious, trumpet-blaring collaboration with mega-producer Diplo—it was the spark that lit the flame of MØ's career.

No Mythologies to Follow was released on March 7, 2014. The album was recorded in a corner of her childhood bedroom, complete with a setup of draped blankets used for acoustics. MØ is emotional in the recordings as well as in her performances onstage, likely because she wrote every song on the album. Aesthetically speaking, the album is vivid tones of blue and electric white color—MØ has songs that brood over the beat and others that shine with light. It's inventive alt-pop with smart hooks and personal lyrics from an artist that stays true to herself and has fun doing it.

An instant standout is the track "Pilgrim." MØ herself believes that of all the songs on NMTF, "Pilgrim" best encapsulates its overall feel. It begins with pound-



Courtesy of EDM Chicago

ARTIST PENETRATES the music scene, collaborates with the greats.

ing bass-claps and a looping voice track, then opens into blaring trumpets. With lyrics like, "oh, what a world I was born into," MØ struggles to understand why the world denounces creativity and uniqueness.

The song "Waste of Time" is a highlight, in part for its rambunctious lyrics and also its artistic, visually disconcerting music video. She belts lyrics while wielding a chainsaw, then sings about snow not melting when it hits her cold, heartless ex—pretty golden material.

One of the upbeat cuts, "Don't Wanna Dance," celebrates vibrant love amid bell tings and tambourines. The song, awarded Best Danish Hit its release year, sees MØ declaring her love for another by not dancing with anyone else.

The album earned an incredible amount of overseas accolades, and an impressive track record of bringing home the hardware—she managed to take home 17 awards out of 22 nominations. The remarkable debut effort brought forth several big-name collaborations ranging from Major Lazer and Avicii to Justin Bieber and Charli XCX. She's been touring nonstop since

NMTF's debut, her electric stage presence a fan-favorite at festivals and talk shows alike.

Recent months have seen a slight style change from alt-pop to dance-pop. Pulsing jams such as "Final Song," have been invading dance clubs, and her newest single, "Drum," was released October 7th. The feel-good anthem constructs a massive chorus, reveling in the idea of dancing to the beat of your own drum. With the steady release of such exuberant singles, rumors, and expectations of a sophomore release are heavy.

The x-factor that brought her to this point is her brazen individuality. It's visible in every stage performance where she passionately fist-pumps and crowd dives. Although MØ has been on a steady rise to ultimate stardom, she's truly blown up in the past 24 months. MØ—which, by the way, is pronounced "moo"—is erupting. She's graduated from recording in her childhood bedroom to collaborating with some of the most impactful music names in the world and releasing her own successful solo efforts. From clever songwriting to inspiring performances, MØ is a force to be reckoned with. ◇

GAME REVIEW

An engineer's worst nightmare

Peter Gramenides
Staff Reporter

HORROR GAMES ARE USUALLY VERY TYPICAL IN TERMS OF CONTENT: RANDOM jumps, scares, and sounds to escalate the player's sense of fear. *Death by Daylight* is no typical horror game; it is pure terror.

Playing the role of an engineer attempting to repair engines in order to escape, the protagonist must navigate a maze while evading a number of obstacles—namely, a large, towering figure holding an axe attempting to sacrifice the player to an unnamed deity. However, the tension builds over time.

The player rarely sees the monster, except for when they happen to mess up repairing their engines. In the midst of turning gears in the calm, serene atmosphere of the night with the moon twinkling down on your face below—you slip, the engine is exposed, and you are left, with your heart racing, in the middle of an open field. Then, in the blink of an eye, your brief moment of peace in the beautiful woods of Random Farm, USA is lost in the chase.

The chase for your life. Will he see you? Probably. Will you outrun him? Maybe. Of course, you are an engineer—the developers at Starbreeze leave room for tinkering. Granted, the typical RPI student, just like the engineer in the game, should not be expected to outrun a 15 foot beast.

Objectively, the best feature in *Death by Daylight* is the ability to manipulate your surroundings in order to evade, or unfortunately locate, your pursuer. It's really just an elaborate game of cat and mouse. Upon pursuit from the monster, the player is capable of erecting barricades, jumping through windows, or hiding in mysterious restroom stalls in order to evade detection.

If none of these work, you are left at the mercy of a blood-thirsty predator. The tension builds and before you know it, you're on the floor attempting to squirm away—begging for help.

Upon being captured by the beast, you are put on a meat hook and left to perish as giant clamoring spikes grow, slowly, encompassing you until your soul leaves your flesh. The only way to stop this process is to be freed from the hook by a survivor.

Of course, you are not alone in the maze. Other survivors are also attempting to outrun the beast and repair generators in time to escape. It really should be a cooperative effort.

Where the game falls short is in the map design, which makes it incredibly difficult to rescue fellow survivors. You have to choose whether to sacrifice everyone or go forward as a team in most situations.

Arguably, this also contributes to the game's unique atmosphere that will leave you returning for more. Every game is completely unique and difficult decisions guide the game's progression.

Overall, I appreciate this game on so many levels, but in many ways playing it has been more about self-discovery than anything else. Will you save your friends or vanquish the beast yourself? That's up to you to decide and I expect that we all will be hearing more about this game soon. It is sure to be huge. ◇

Write for *The Poly!*
<https://poly.rpi.edu/s/work>

BTS: Raising listeners' standards

from **Page 12**

upbeat, addictive songs they're best known for. The mixture of music styles, light and dark concepts, and beautiful lyricism make *Wings* an album of unrivaled quality.

The album's success doesn't come as a surprise: the music aside, BTS delivers a performance that's unquestionably deserving of the group's hype. Blood, Sweat, and Tears—BTS' promotional track—has a music video and stage performance that encompasses everything that someone could want in entertainment. Artistically alone, the striking cinematography, beautiful set designs, and fashion choices make for a stunning visual experience. The members themselves, however, are what puts the performances over the top. BTS has an impressive stage presence and works as a cohesive unit to effortlessly pull off insanely difficult choreography. Here, their personalities, charisma, and group chemistry shines encouraged on by the chants of sup-

portive fans. The combination of vocals, aesthetics, and performance capability makes it is no understatement when saying BTS is the full package.

With *Wings*' widespread success, BTS stands to possibly become the next big wave of K-pop in the Western world, and, if their music to come is held to the same standard of quality as this album, there are only brighter things in their future. ◇



Courtesy of BTS

Lewis: Evil takes on self-awareness

from **Page 12**

tion—whether they identify as Christian or not. The letters from Uncle Screwtape show Lewis' understanding of how impure thoughts are ultimately what lead a person to commit evil, and they encourages the reader to embrace a complete awareness of the way they think. Lewis makes almost poetic exploration of Christian themes—writing from the perspective of Screwtape necessitates that the author be aware of his own faults and flaws—there's something brave in an author that is humble enough to do that for the sake of his work.

The Screwtape Letters is a well-constructed piece that pulls the reader in with a novel concept and keeps them for the sake of bettering their understanding of themselves. While the piece is largely a Christian metaphor, the themes and importance of the piece extend beyond organized religion. It's a piece that encourages intense introspection and a total sense of self-awareness despite outside temptation. Ultimately, the novel manages to demonstrate how people perceive themselves as righteous and reimagines it through the words of their demons. ◇

Features

Wednesday, October 19, 2016

ARTIST SPOTLIGHT

New fan favorites found in Korean pop group



Courtesy of BTS

THIS UP-AND-COMING BOY BAND BTS IS TAKING OVER the music industry in Asia and across the globe.

Elizabeth Pontius
Senior Reviewer

THE PAST WEEK SAW THE MUSIC WORLD SHAKEN, RECORDS rewritten, and a new bar set for the industry. The group in question is an international sensation, boasting YouTube fame and topping iTunes album charts in 27 countries, ranging from Russia to Sweden. Yet, despite these artists dominating the news, odds are that this is the first time you're ever hearing about them!

Welcome to BTS, a South Korean boy group consisting of seven members, who have been declared by many as the new force to be reckoned with in all things music and performance. With their latest album, *Wings*, the boys of Bangtan Sonyeondan can arguably be labeled as the current kings of K-pop. Since debuting in 2013 under Big Hit Entertainment, BTS has released

two full-length albums along with four mini albums, each with increasing success up to *Wings*' record breaking popularity.

Wings' powerful music, a culmination of years of work, showcases each BTS member's unique sound woven together in a blend of group and solo songs. The hip-hop unit of the group, composed of Rap Monster, J-Hope, and Suga, delivers an edge throughout the album, ranging in a variety of sounds from trap to Electronic Dance Music to languidly playful rap. Vocals include Jungkook, Jimin, V, and Jin, who lend their voices to catchy choruses, playful melodies, and chilling high notes. Beyond the sound, the album's themes don't shy away from heavy or controversial topics that other K-pop groups might avoid. BTS delves into the issues of mental health, social injustice, and the struggles of transitioning into adulthood throughout *Wings*, producing hard-hitting, haunting, emotional, and thought-provoking tracks mixed in with the upbeat, addic-

See BTS, **Page 11**

BOOK REVIEW

Lewis novel challenges readers' view

Nathan Dorer
Senior Reviewer

RELEASED IN 1942, C.S. LEWIS' *THE SCREWTAPE LETTERS* serves as the author's second standalone novel, and is widely respected for its original concept and smart reimagining of Christian themes. Lewis is primarily known for his children's series, *The Chronicles of Narnia*, wherein he adapts biblical stories into an easily digestible fantasy world for young readers. In *The Screwtape Letters*, however, Lewis abandons his goal of making Christianity an easy concept for the reader; the novel takes an infinitely more grim approach to the idea of sinning and salvation. In an interview with Dr. Shirwood Wirt of *Decision* magazine, Lewis stated that of all his books, *The Screwtape Letters* was "was only one [he] did not take pleasure in writing."

Within the novel, Lewis constructs a universe where demons follow a normal arc of human life; from birth, they are trained to effectively damn people to hell, and, upon reaching adulthood, they make it their mission to condemn a particular individual to hell. The novel is set up as a series of 31 letters from a high-ranking demon, Screwtape, to his nephew, Wormwood. Within these letters, Screwtape leverages his experience to provide Wormwood with advice on how to efficiently make humans stray from God.

However, *Screwtape* grows increasingly frustrated with his nephew as the human that Wormwood has been assigned grows steadily closer to a Godly life. *Screwtape* emphasizes that, although people can outwardly act like good Christians, it's the point of their thoughts that matters—passing judgement on people within the Church and genuinely believing the word of God is what will lead a human to salvation. By the second letter, the human that Wormwood has been assigned has just begun to convert to Christianity, and *Screwtape* openly chastises his nephew for allowing this to happen. As the novel progresses, *Screwtape* grows increasingly more agitated with Wormwood's inability to condemn his human.

By constructing the narrative from the point of view of a demon, Lewis manages to force the reader into introspec-

See LEWIS, **Page 11**

TV SHOW REVIEW

Netflix series breaking controversial ground

Geoff Rosenthal
Senior Reviewer

IF YOU'VE READ MY REVIEWS BEFORE, YOU KNOW I'M A FAN OF NETFLIX'S ORIGINAL PROGRAMMING. In general, I think it's one of the most consistently entertaining and high value programming of any service, from TV channels, HBO, to other platforms like Hulu. However, I have seen Netflix stumble. *Jessica Jones* wasn't to my liking, and I was mixed on *Daredevil* Season 2. So, what do I think of *Luke Cage*? To be honest, I am a bit conflicted.

The superhero *Luke Cage* was conceived in a time where blaxploitation films were the norm, so it makes sense to see a strong black male character come to life. While the genre and *Luke Cage*'s popularity fell after the fad somewhat ended, I see this series as a return to form. Visually, auditorily, and story-wise, this is most certainly an homage to those films.

Luke Cage as a hero is interesting—he's bullet-proof and super strong, which may have been an interesting power when he was created, but has a lot more meaning in today's world. With the rise of the Black Lives Matter movement, and seeing the frustration shown by the black community towards young black men being shot by police, it's clear that a bullet-proof black man is obviously connected to these events. *Cage* also doesn't wear a mask. He doesn't have a secret identity. He simply makes himself a symbol of power being

brought back to the working people of Harlem by dismantling the crime that he sees tearing it apart.

Compared to *Jessica Jones*, which featured Mike Colter in his first appearance as *Cage*, this series is a huge step up. I had two big criticisms for *Jessica Jones*: first, that the story was a muddled mess, with so much going on that it became a bit boring to follow a lot of the time. *Luke Cage* contrasts this by having a clear cut story centered around *Cage*. My second criticism is that *Jones* as a hero seemed to only use her super strength to break door knobs, and we really only see her use her powers three times in the whole series. Comparing this to *Luke Cage*, who busts up drug dens single-handedly, swinging couches and wrapping people in car doors, you see a huge difference. *Luke Cage* is a huge step up from *Jessica Jones*. However, it still has its faults.

Similar to *Daredevil*, there is a shadowy underground crime boss who is working against *Luke Cage*; unfortunately, he wasn't a very well developed character compared to Wilson Fisk. Also, the way they worked in a weakness to *Cage* felt somewhat lacking as well, but I understand it is difficult to create something to beat a bullet proof man. However, through the magic of the wonderful visuals and style that serve towards the "blaxploitation" angle, I found these issues minimal compared to what I think as my final thoughts.

Overall, I think of *Luke Cage* as a wonderful blaxploitation inspired series, but not a great superhero show. The incredible



Courtesy of Marvel Studios

BULLET-PROOF SUPER HERO LUKE CAGE DEFEATS his villains and adversaries. cast, with Colter as well as Mahershala Ali and Alfre Woodard, are accented by a soundtrack filled with hip-hop, funk, and jazz, serving the series well in that manner. We never saw any of this in *Jessica Jones* when *Cage*'s character was introduced, which may be part of the reason I found his character somewhat bland. Personally, I think this setting and tone is what has defined *Cage*'s character, and losing it will return him to being somewhat weak as he was before, so it is my hope that Netflix will retain some of what made *Luke Cage* great in the next series featuring him. ♦