GLASE center to improve greenhouse industry

Peter Gramenides
Senior Reporter

On June 1, New York Governor Andrew Cuomo joined Washington Governor Jay Inslee and California Governor Jerry Brown in creating the United States Climate Alliance—a group of states that are committed to upholding the Paris Agreement following President Donald Trump’s pledged departure from the deal. The goals of the accords include reducing emissions by 26 to 28 percent from 2005 levels and limiting the average increase of global temperatures to two degrees Celsius by 2030.

The deal was negotiated during the presidency of Barack Obama, under the leadership of Secretary of Energy Ernest Moniz. Moniz led the United States Department of Energy from May 2013 to January 2017 and was an honorary degree recipient and commencement speaker for Rensselaer’s Class of 2017.

During his commencement address, Moniz noted President Shirley Ann Jackson’s influential nature on both the President’s Council of Advisors on Science and Technology and the Secretary of Energy’s Advisory Board in creating and implementing integrated energy policy, which included a report on the applications of high-performance computing to clean energy problems. Many of the suggestions included in the report are currently being pursued at Rensselaer, which Moniz lauded as “groundbreaking work” and “just a snippet of what is an incredibly broad and deep program in energy-related technologies.”

“My basic message is that schools like Rensselaer Polytechnic Institute and my home institution, MIT, provide our graduates with the skillset to perform all of these functions, including managing change, if they also continuously stick to all of these functions, including managing change, if they also continuously stick to...
Hey guys, I hope your summers are going well! It’s always great to write a notebook for The Poly, but I have to say that this one is particularly special. First because I’ve found the best feature and second because I’ve really learned a lot this summer.

The greatest thing I would like to share is that I wish I knew earlier is that Python is really frickin’ awesome. Hands down, it’s made my life so much easier in my current internship and allowed me to do some great work. Rather than using PHP for developing networking solutions, I used Django. Need to make a new database management client for client information? If design doesn’t really matter, EasyGUI or Tkinter are pretty good, leaving more wiggle room to work on more complex tools with greater value. I find that Python is one of my favorite languages. It isn’t always the language of choice, but for simple, light-weight solutions and web-based projects Python does a great job of combining ease of use with readability, portability, and powerful libraries made and maintained by a massive open-source driven community. Many tools available in Python are surprisingly powerful if used correctly. A great example is Pygame. It is one of the most contributed to Python modules and a great library for developing traditional 2D games. In a pretty short period of time, you could probably even make simple-clones of popular releases like Starbound and Terraria.

If you’re interested in 2D game development and haven’t already looked at it, I’d recommend checking it out! I’ve had a great time working on personal projects this summer in Pygame, and it’s really helped me better understand render buffers, interpolation, and other topics which I previously only half understood. Django, which I mentioned above, is also really amazing. I learned about it originally from my fraternity who came back to visit. He spoke very fondly of Django’s ability to replace many of PHP’s uses and how it is already being adopted in industry. Django, just like Python, is very easy to use, has great documentation online, and has a pretty easy learning curve. The most interesting feature of all Python—you don’t have to configure libraries! This is probably what I love the most and what has me using it the most. Using Visual Studio and C++, especially with projects that require many libraries like games, it’s always a hassle to configure every individual library you need. In Python, no matter what computer you’re using or what you’re doing work on, you can go to the computer terminal and type “pip install” followed by the name of the library or module that you want to access virtually any Python module.

I pulled up the CNN news page when preparing this article only to be slammed with seven articles related to the White House and Donald Trump Jr. Why is the news like this these days? Is it for these news reporting companies to make money, keep up a reputation of being able to write nonchalantly over and over again on the same subjects? Whatever the case, I wish it would change, so people like me can read articles and stay informed in a bearable manner. I’m sick of people always bashing on the same topics. Let’s start talking about topics that relate to you and me, such as the progression of rebuilding the bridge named after is another great article that would attract the on-the-informed readers. There’s an endless number of articles of enjoyable, pertinent content that seem to go bare and distant in the state, national, and world news. As you can tell from the news focused in national newspapers and TV news channels is unbearable. The Poly does a good job at keeping my interest in the news at Rensselear. However, national and world news outlets could do a much better job if they actually focused on it.

The news—fake or real news—it’s always around us. I’ve had many topics, country interactions—as per usual. For hockey stars, new coaches; whereas, the CNN and WTNH (a news station in Connecticut) received a D+ grade according to the American

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I'm an only child who's never had to share a room, and I'm living in Barton Hall with two roommates. Do you have any advice for sharing a room with people?

Having a good experience with your roommates will require all of you to communicate and be considerate toward one another. Since you've never shared a room with anyone else, some of your habits might piss off your roommates. Go through your daily routine at home and try to identify these, since I'll just be covering the basics.

Be conscious of the noise you make, especially if either of your roommates are studying. If it's late at night, or if they seem generally bothered. Talk about your test schedules and just give them a heads up earlier in the week. If you plan on staying up until 3 am studying in your room with the lights on while your roommate is trying to get some sleep, they won't be able to sleep at all. Establishing a knock before the Fall and policy right when you get to school definitely wouldn’t hurt.

To try to prevent any issues from arising, set boundaries at the beginning of the school year. Talk to each other before you get to school so you know who's bringing what and what you're comfortable sharing. And if it doesn't work out, see if you can change roommates. In the meantime, occupy your time outside of your room and try your best to stay sane.
OFF-CAMPUS EVENT

People of Pride

MEMBERS OF THE LGBT COMMUNITY MARCHED to celebrate gay pride in the New York City Pride March. The march was televised for the first time since it started in 1969.

Activities Fair

THURSDAY, AUGUST 31
6:30 - 8:30 PM
ARMORY/MUELLER CENTER
CLUB REGISTRATION OPEN @ UNION.RPI.EDU
RPI Student Government Wants YOU!

Interested in joining the Freshman Class Council? Here’s what you need to do:

- Attend an Information Session from 5-6 PM in the Student Government Suite, on any weekday from September 5th to September 22nd.
- Start thinking about what position you would like to run for. Senator, Officer, or Representative?
- Start making plans for what you hope to achieve in the position you hope to obtain. It’ll make for good material to talk about once Campaigning officially starts!

If you have any additional questions, send them to rne@rpi.edu!

“The Village Idiom: Empowering Youth through Education, Interconnectivity and Employment,”

NDABA MANDELA
September 19
7:30 PM
EMPAC Theater
HOCKEY

Changes coming for women’s, men’s hockey

Joseph Lyon
Staff Reporter

The Rensselaer men’s and women’s hockey teams will be facing major changes in the upcoming season. Both teams will be entering the season with new coaches: the men’s team with head coach Dave Smith, and the women’s team with interim head coach Bryan Vines. The men’s team is also facing a large change in its roster in the upcoming season, with nine new players joining the team.

The hiring of interim coach Vines for the women’s team should make for an interesting season. The search for a women’s head coach was expedited, with Vines being hired just days after it was announced that the previous hockey coach, John Burke, would not be staying with the team for this season. Vines should bring an interesting and new perspective to the women’s team. He has extensive hockey experience, as a four-year letter winner at the University of Denver, a video coach for the Colorado Avalanche of the National Hockey League, as well as an assistant coach for the Rensselaer men’s team for the past eight years. Vines has experience coaching hockey and a passion for the sport, though it remains to be seen whether the fact that this is a one year interim position will have an impact on Vines’ efficacy as a coach. The women’s team ended last season with a 10–24–2 record, leaving room for improvement.

The men’s team is also seeing drastic changes. It has a new head coach, Dave Smith, nine new players, and dismissed four players, Cam Hackett ’21, Alex Rodriguez ’21, Sam Rappaport ’20, and Liam McBain ’21. The new freshmen players include Matthew Harris ’21, Billy Jerry ’21, Gavin Payne ’21, Jon Richards ’21, and Troy York ’21 from the United States, Jaren Burke ’21, Owen Stout ’21, and Linden Marshall ’21 from Canada, and Emil Ohrvall ’21 from Sweden. It remains to be seen whether or not these changes will have a positive outcome for the Engineers. In a statement released on June 26, Smith commented on the diverse skillset and leadership abilities of the new players. “They will join our returning group and add to our program’s on-ice strengths of skating, skill and character.” The men’s team ended its previous season with a 8–28–1 record.

This year’s hockey season is shaping up to be interesting, with large roster changes on the men’s team and new coaches heading both teams. Sports fans should look out for different playing styles and new plays from the coaches, along with a new range of players.

<table>
<thead>
<tr>
<th>Upcoming Events</th>
<th>Men’s Soccer</th>
<th>Women’s Hockey</th>
<th>Women’s Hockey</th>
<th>Men’s Hockey</th>
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<tbody>
<tr>
<td>Fall 2017</td>
<td>9/1-9/2 (7 pm/5 pm)</td>
<td>9/1-9/2 (4 pm/3:30 pm)</td>
<td>9/23 (5pm)</td>
<td>10/28 (7pm)</td>
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<tr>
<td>Union Classic Tournament</td>
<td>ECAV Stadium</td>
<td>Weekend of Games</td>
<td>Engineers vs. University of Montreal</td>
<td>Engineers vs Union College</td>
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<td>Renwyck Field</td>
<td>Houston Field House</td>
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TOP TEN LIST

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<tr>
<th>College Don’ts</th>
<th>XKCD by Randall Munroe</th>
<th>CRYPTOQUOTE</th>
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<tr>
<td>10. Don’t give up</td>
<td>ARE YOU SURE THIS STUDY IS LEGIT?</td>
<td>Tvp H.V. cr dyibtcijcia</td>
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<tr>
<td>9. Prepare for Troy weather</td>
<td>SURE, IT SAYS IT WAS ACCEPTED FOR PUBLICATION.</td>
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<tr>
<td>8. Your roommate</td>
<td>WHERE?</td>
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<td>7. Drink and derive</td>
<td>HMM... THE NATIONAL ACADEMY OF PROCEEDINGS.</td>
<td>Bytr Wpdjwmi giu</td>
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<td>6. Shower</td>
<td>IF SOMETHING IS FORMATTED LIKE A SERIOUS SCIENTIFIC PAPER, IT CAN TAKE ME A WHILE TO REALIZE IT ISN’T ONE.</td>
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<td>5. Randi Mogul</td>
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<td>4. Sign up for classes before noon</td>
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<td>3. Find yourself</td>
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<td>T.S. -Zhtvkz Dlcfa</td>
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<td>2. Leave your room (scary outside)</td>
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<td>1. Join S&amp;W</td>
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Ambiguity, confusion result in psychological horrors

Serge Piskun
Senior Reviewer

As a lifelong horror movie fan, I tend to judge movies by their covers. I look at movie posters, and if the poster entices me, or if I’ve heard good things about the movie, I usually sit down and watch it. When I saw the poster for It Comes At Night, I was a bit deterred by it, as I had never heard of it and had pretty much zero knowledge as to what it was about. All I knew was the title, and from that I inferred that somewhere, at some time, something would appear, probably in the evening or at night. Surprisingly, I was wrong.

Full disclosure: something did come at night, and that thing did affect the characters in the movie, but it only happened once. Needless to say, this article contains major spoilers, which I implore you not to read if you haven’t seen the movie.

It Comes At Night is set in post-apocalyptic America, with survivors of an unknown plague isolating themselves from others in an effort to avoid contamination and death. Not much is known about the disease, except that it shows no symptoms at first but then quickly and unavoidably kills its host while remaining lethally contagious. The movie follows a man, Paul, living with his wife Sarah, son Travis, and father-in-law Bud, in the secluded countryside trying to survive on his own and protect his family. In the very first scene of the movie, Bud is shown to have contracted the disease and is killed and buried by Paul. Travis becomes haunted by nightmares of his grandfather’s death, as the family now knows what the virus does to people and must carefully interact with others around them. After his death, a stranger, Will, breaks into the family’s house and, after some time, ends up living within and bringing his family over. The movie picks up pace when it is revealed that one of the family members is infected, and they must figure out a way to all survive.

The premise of the movie is simple enough, but in my opinion, the execution with which it is done is amazing. It’s not a movie that you ever know in order to understand the field; nothing more, nothing less. They are forced to form their own opinions and come to conclusions as to what really happened and who in fact is or is not infected. We, as viewers, never know what started the disease, or if it is curable. We don’t even know where the movie truly is set; it can be inferred that it is America but the specific location is intentionally left out. The ending itself is also laced in ambiguity. I won’t go into detail on it, but there is no correct interpretation of what happened to the family, only what the future holds for them.

If you’re looking for an atypical horror movie, one that looks to unnerve the viewer rather than one reliant on cheap jump scares for thrills, I’d highly recommend It Comes At Night. It blends psychological horror with suspense and a feeling of being in the dark, all of which leads to a great movie.

Renewed hope for DC Comics

As a die-hard movie fan, I tend to judge movies by their covers. I look at movie posters, and if the poster entices me, or if I’ve heard good things about the movie, I usually sit down and watch it. It Comes At Night was a differen...
Memories of Thiers ’99 aids student pilots

Anahit Hovhannisyan
Staff Reviewer

On April 29, the RPI Flying Club hosted its sixth annual Thiers Memorial Fly-in & Car Show at the Empire State Aerosciences Museum in Glenville, New York. The Fly-in & Car Show, created in memory of Lawrence Thiers ’99, collected donations for the Thiers Fund in honor of their former president who passed before graduation. This fund supports RPI Flying Club members’ private pilot licenses as well as the annual representation of RPI in NIFA SAFECON. The event did not fall short of remembering a fellow RPI Flying Club member, with an abundance of vehicles and an attendance of thousands including RPI students, RPI alumni, and members of the upstate New York community. Attracting aviation and car enthusiasts in the area, the event showcased six aircrafts, two helicopters, and more than 100 cars. Featured aircraft included an Air National Guard C-130 Hercules, Mustang and Yakovlev fighter aircrafts. These aircrafts, famous for flying during World War II, flew in from the East Coast and Montreal, Canada in formation. In addition, the event featured helicopters and motor vehicles. An AS-350 LifeNet helicopter gave visitors the opportunity to learn about rescue procedure, and a Robinson R44 helicopter offered helicopter rides around the venue. If these aircrafts are not enough to spike curiosity, the event showcased both the old and the new in automobiles. Ranging from Ford Model T to modern Corvette models, the field was lined with thousands of vehicles for show and competition. RPI Flying Club President Stephen Hansen ’18 commented, “It’s a community-based event that brings together everyone who likes cars, planes, and helicopters. The Flying Club taps into [aviation] interests which may often be overlooked on college campuses.” Andrew Sit ’19, on the coordination that went into the event, added, “What makes Thiers different is that the event is not just for com-

Hit summer song brings unexpected benefits

Crystal Vejar
Senior Reviewer

If you have yet to hear the song “Despacito,” just tune the radio to a station playing today’s top hits and you’ll hear it within 15 minutes, I promise. “Despacito” by Luis Fonsi and Daddy Yankee has been blowing up around the world, with their music video hitting a remarkable 2.6 billion views in just six months. In comparison, the “Gangnam Style” video has around 2.9 billion views since its release over four years ago. While the song had steadily been burning up the charts in the U.S. and abroad, it was catapulted into the mainstream and even history after a remix was made featuring Justin Bieber. Since then, the song has managed to score a spot on Billboard’s Hot 100 list for nine weeks straight, a feat made even more notable because it’s the first Spanish language song to do so since the “Macarena” in 1996. Since the sensual song became a global smash, it has aroused a positive interest in Puerto Rican culture and an interest in foreign tourists knowing the place where the superstars were born. Just two months ago, Puerto Rican Governor Ricardo Rosselló declared the commonwealth bankrupt, needing to restructure a $70 billion debt. However, it seems the song, along with the video which is full of provocative visuals and beautiful shots of the island, has managed to spike interest in tourism. According to daily Un Nuevo Día and CNN, tourist interest in travel to the island has increased 45 percent since the song’s debut. Some tour operators in Puerto Rico have even been including some of the areas that were used in the production of the music video, such as Club La Factoria in Old San Juan and La Perla. When Fonsi wrote “Despacito” two years ago, it didn’t make the cut on his album, but he still believed the song was special. The song showcases Fonsi’s ballistic pop style with a bit of reggaeton from Yankee, and it’s all accented by Justin Bieber, leaving us with the biggest song of the summer, and possibly the biggest Spanish song in the United States for a while. When Fonsi and Yankee weren’t specifically aiming to help Puerto Rico with their song, they are more than pleased with the effects it has had. After learning the news, Luis Fonsi reacted on Instagram, writing, “What a joy it is to read this in international media. Puerto Rico is the true protagonist of this song and this video.” When filming the music video, Fonsi wanted to show a more realistic side of the island rather than all the touristic areas that are often seen in the media. His choices pleased the locals and brought some much-needed attention to some of the areas. However, collaborating on the song was more of a business move for Bieber, and it seems he’s being strategic in transforming his brand away from that of a child star. While I was pretty amazed the first time I heard Justin Bieber singing the Spanish chorus—very well I might add—I was even more shocked when I saw videos of him mocking the language and lyrics, making a borderline racist show out of rhyming “Dorito” and “burrito” while singing the song in public. The videos went viral and brought some bad publicity to Bieber’s name, but overall, the song has been an all-around success and definitely one on my summer playlist this year.