Professors aim to create state microbe
Catherine Nguyen
Staff Writer

Rutgers professors are aiming to pass a bill for New Jersey to become the second state in the country with an established state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to the Department of Chemistry, Rutgers professors are aiming to pass a bill for New Jersey to become the second state in the country with an established state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe.

The proposed microbe to represent New Jersey is a bacteria called streptomyces griseus, commonly found in soil. Streptomyces griseus beat out other microbes in a vote by the general public during Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe. According to Jeff Boyd, a professor in the Department of Chemistry, Rutgers Day to be selected as a possible future state microbe.
The Daily Targum

November 30, 2018

Campus Calendar

FRIDAY 11/30 Center for Sensory Sciences and Innovation presents "5th Flavors Fragrances & Perception Symposium" from 8:15 a.m. to 4:30 p.m. at the Douglass Student Center on Douglass campus. This event is $25.

Eagleton Institute of Politics, Rogge Center on Developmental Disabilities, Rutgers Robert Wood Johnson Medical School, Rutgers Biomedical and Health Sciences, Departments of Neuroscience & Cell Biology and Pediatrics, Graduate School of New Brunswick, Office of the Executive Dean, School of Environmental and Biological Sciences, RU iJobs presents "Big Chill" from 10 a.m. to noon at the College Avenue Gym on the College Avenue campus. Participants are asked to bring a toy valued at a minimum of $15 as an entrance fee.

School of Arts and Sciences Executive Dean’s Office, Department of History, Rutgers Oral History Archives and Rutgers Oral History presents "Chambers Scholars Oral History Graduate Fellowship Lecture" from noon to 2 p.m. at Rutgers Academic Building on the College Avenue campus. This event is free and open to the public.

Animal Sciences presents "How Telomeres Solve the End Protection Problem" from 9:15 to 10:30 a.m. at Foran Hall on Douglass campus. This event is free and open to the public.

SUNDAY 12/2 Zimmern Art Museum at Rutgers presents "Art Together" from 1 to 3 p.m. at Voorhees Hall on the College Avenue campus. This event is free and open to the public.

Mason Gross School of the Arts presents "Sounds of Chamber Music" at 2 p.m. at Robert E. Mortensen Hall on Douglass campus. This event is free and open to the public.

If you would like to submit an event for the Campus Calendar section, please email marketing@dailytargum.com. For more information please visit www.dailytargum.com. Due to space limitations there is no guarantee that your event will be listed.

Weather Outlook Source: Weather.com

TODAY High of 42, Cloudy
TOMORROW Low of 30, Cloudy
FRIDAY 11/30 "5th Flavors Fragrances & Perception Symposium" from 9:15 to 10:30 a.m. at Robert E. Mortensen Hall on Douglass campus. This event is free and open to the public.
SATURDAY 12/1 Rutgers Recreation Department presents "Big Chill" from 10 a.m. to noon at the College Avenue Gym on the College Avenue campus. Participants are asked to bring a toy valued at a minimum of $15 as an entrance fee.
SUNDAY 12/2 Zimmern Art Museum at Rutgers presents "Art Together" from 1 to 3 p.m. at Voorhees Hall on the College Avenue campus. This event is free and open to the public.

HAVE A COW!

Want to share your voice?
Send your letter to the Editor at oped@dailytargum.com

The Daily Targum
Eagleton alumni panel discusses career, law school prospects

Five Rutgers Eagleton Institute of Politics alumni participated in the institute’s panel discussion Wednesday night. Sabeen Masih, a 2013 Eagleton Fellow, is the director of public affairs at the Capital Impact Group, LLC. In 2007 under the Eagleton Undergraduate Associates Program or the Eagleton Fellowship Program, Gene Lepore, a 2006 Eagleton Fellow, is the deputy executive director of Rutgers of New Jersey, then took a few years off between undergraduate and graduate school and “worked, just worked all different kinds of jobs,” he said. He stumbled upon Eagleton Fellowship Program after going to Rutgers Law School and got into government through various political internships.

Wolkowitz also took a year off between her undergraduate and graduate studies after she had applied to law school. The principal advice she received at the time was “to attend the best law school you got into, indiscriminate of the price,” she said. Wolkowitz enrolled in Columbia Law School, “and then the economy collapsed. The golden conveyer belt that I had been put on was broken,” she said.

There was a common thread that ran throughout the panel discussion. Each panelist had cautious words to say about law school.

Lepore and Masih both warned against attending only because it was expected or respected. As undergraduates, they both had advisors sit them down and ask, “Do you ever want to practice law? Do you think you are going to get into the top of a top-tier law school that will guarantee you a lucrative career?” If the answer is no, then law school is not worth it, according to the advisors.

Wolkowitz also said law school was similar to “three years of harrowing” and warned students that if they could sleep at night without going to law school or planning to be a lawyer, then they should consider not going.

The panelists agreed that their main advice to students planning to go into the field of government, policy or politics would be to network. Relationships and connections are large parts of one’s experience as possible and work hard. They want students to make sure to paint themselves as responsible, respectful, honest and innovative people. They encourage students to introduce themselves to potential employers, ask for business cards, shake their hands and generally represent themselves professionally. In the panelists’ line of work, everyone knows everyone else.
Produce industry works to stop future E. coli cases

ASSOCIATED PRESS

NEW YORK (AP) — After repeated food poisoning outbreaks linked to romaine lettuce, the produce industry is confronting the failure of its own safety measures in preventing contamination.

The E. coli outbreak announced just before Thanksgiving follows one in the spring that sickened more than 200 people and killed five, and another last year that sickened 25 and killed one. No deaths have been reported in the latest outbreak, although five illnesses highlight the challenge of eliminating risk for vegetables grown in open fields and eaten raw, the role of nearby cattle operations that produce huge volumes of manure and the delay of stricter federal food safety regulations.

The latest outbreak, for example, would require testing irrigation water for E. coli. The Food and Drug Administration recently put the measure on hold when the produce industry said such tests wouldn't necessarily help prevent outbreaks. Additional regulations on sanitation for workers and equipment — other potential sources of contamination — only recently started being implemented.

FDA Commissioner Scott Gottlieb said he thinks the combination of rules, once fully in place, will make vegetables safer to eat.

“I don’t think any one element is going to be the magic bullet,” Gottlieb said. “It’s a story I say improvement in detection may make outbreaks seem more frequent. Still, that is intensifying pressure on growers and regulators to prevent, catch and contain contamination.

PREVENTION

It’s not yet known how romaine got contaminated in the latest outbreak. That outbreak was traced to romaine from Yuma, Arizona. Irrigation water tainted with manure was identified as a likely culprit, and investigators noted the presence of a large animal feeding operation nearby.

Subsequently, an industry agreement in Arizona and California was adjusted to expand buffer zones between vegetable fields and livestock. The industry says the change was in place for lettuce now being grown in Yuma, which hasn’t been implicated in the latest outbreak. But Trevor Swol of the Produce Marketing Association said there isn’t consensus about the exact distances that might prevent contamination.

He noted specific buffer zones aren’t required by the new federal rules on produce safety.

“They look to the industry to determine what is the appropriate distance,” Swol said.

Growers in Yuma have also started treating irrigation water that would touch plant leaves with chlorine to kill potential contaminants, Swol said. But he said such treatment raises concerns about soil and human health.

Meanwhile, the proximity of produce fields to cattle operations is likely to continue posing a problem. Travis Forgues of the milk producer Organic Valley noted that consolidation in the dairy industry is leading to bigger livestock operations that produce massive volumes of manure.

TESTING

Already, the industry agreement in Arizona and California requires leafy green growers to test water for generic E. coli.

But James Rogers, director of food safety research at Consumer Reports, said it’s important to make water testing a federal requirement. Since romaine is often chopped up and bagged, a single contaminated batch from one farm that skips testing could make a lot of people sick, he said.

Previously, the Arizona Leafy Greens Marketing Agreement also said federal regulation could ensure greater compliance, even though the industry agreement has stricter measures.

Despite industry measures implemented after a spinach outbreak more than a decade ago, health officials noted this month there have been 28 E. coli outbreaks linked to leafy greens since 2008.

The produce industry says the failure to prevent the Yuma outbreak could also reflect the limitations of testing water for generic E. coli.

Elizabeth Bihn, a food science professor at Cornell University, said the tests look for the amount of fecal matter in the water. The problem is, “some feces has pathogens in it, some feces doesn’t,” said Bihn, who is part of a federal program helping farmers comply with the new produce regulations.

Testing for specific E. coli strains that is harmful is more difficult, and it doesn’t rule out the possibility of other harmful bacteria, Bihn said.

CONTAINING

Whole-genome sequencing is making it easier to detect outbreaks, which is pressuring the produce industry.

The FDA warned against all romaine last week because it was able to identify it as a likely source early on. The agency narrowed its warning to romaine from California two weeks after the produce industry agreed to label romaine with harvest dates and regions, so people know what’s OK to eat.

The labeling is voluntary, and the industry said it will evaluate whether to extend it to other leafy greens. Gottlieb said improving traceability would allow targeted health alerts that don’t hurt the entire industry. The FDA recently hired a former Walmart executive who used blockchain technology to improve traceability in the retailer’s supply chain.

Stephen Blassoe, director of food safety at a Florida romaine grower, said he expects more regulations and self-imposed industry guidelines.

“Anytime there is an issue, the immediate response in saying our protocols aren’t enough,” he said.

The produce industry looks to prevent E. coli outbreaks after repeated outbreaks linked to romaine lettuce. The outbreak that occurred over the Thanksgiving holiday follows one in the spring that sickened more than 200 people and killed one person. P.C.U.C.

NJ man, after financial dispute, murders brother, brother’s family

ASSOCIATED PRESS

FREEHOLD, N.J. (AP) — A New Jersey technology executive was charged Thursday with killing his brother and the brother’s family over a business dispute, and then setting fire to their mansion and his own house in an attempt to cover up the crimes.

Paul Caneiro, 51, was charged with four counts of murder as well as arson and two weapons violations, in the death of his 50-year-old brother, Keith, along with Keith’s wife, Jennifer, and their two children, at their Colts Neck estate approximately 50 miles south of New York City. They were shot, stabbed or both.

“Now I have to kill my own family, the prosecutor said. They escaped without injury.

A criminal complaint said both a gun and a knife were seized from Caneiro, who is scheduled for a court appearance Friday morning.

Keith Caneiro was shot num-

merous times on the lawn of his mansion in Colts Neck, an affluent horse-country town that is home to rock star Bruce Springsteen, and where former Daily Show host Jon Stewart and his wife operate an animal sanctuary.

Jennifer Caneiro was shot and stabbed, and the two children, 11-year-old Jesse and 5-year-old Sophia, were stabbed repeatedly, the prosecutor said, disclosing for the first time how the three died.

According to the prosecutor, Paul Caneiro shot his brother on the lawn of the mansion, went inside and killed the rest of the family, setting a fire in the basement early Nov. 20. He returned to his own home and set gasoline ablaze outside both ends of the building. The prosecutor said the fire at Paul Caneiro’s house was set to destroy evidence he had brought there from the crime scene, but also had another purpose. "That fire was a ruse to make it appear as if the overall Caneiro family was somehow targeted," Grancioci said.
MICROBE
Streptomyces griseus is used to cure tuberculosis, saving hundreds of millions of lives

CONTINUED FROM FRONT

Department of Biochemistry and Microbiology, the microbe has a long history with Rutgers and the state of New Jersey.

Boyd said the University has only one Nobel Prize winner — Selman Waksman, a biochemist who was awarded the prize in 1952. He discovered streptomycin, an antibiotic produced by streptomycyes griseus that was the first to be used to cure tuberculosis.

“What the world had was an antibiotic that could kill tuberculosis and save hundreds of millions of lives,” Boyd said.

After Waksman’s discovery, Boyd said New Jersey became the pharmaceutical capital of the country. Companies such as Merck and Bristol-Myers Squibb moved to the state in order to take advantage of drug producing and health technology, he said.

While Boyd admits it seems "quirky," instituting a state microbe would raise awareness and educate residents of New Jersey about the history of streptomycyes griseus and Rutgers University, he said. An official state microbe would also honor the thousands of jobs created by the discovery of the antibiotic, Waksman and the microbiology department at Rutgers, which Boyd said was the oldest surviving one in the country.

“Microbes shape every aspect of our lives, our environment and the earth.”

JEFF BOYD
Professor in the Department of Biochemistry and Microbiology

in northern Europe and cocoa beans in South America for thousands of years, influencing cultures throughout the world, he said.

“Microbes shape every aspect of our lives, our environment and the earth,” Boyd said.

The push for a state microbe initially began eight years ago with Doug Eveleigh, a professor emeritus in the Department of Biochemistry and Microbiology. According to Eveleigh, establishing a state microbe seemed fun at first but was never given serious thought.

“The idea of a state microbe has floated around,” he said.

Eveleigh said he would write about state microbes in letters to editors of microbiology journals along with Joan Bennett, a distinguished professor in the Department of Plant Biology. It was not until two years ago, after a chance encounter with Rutgers graduate and microbiologist John Warhol, that he started considering the political process of a designated state microbe.

In order for a state microbe to be established, a bill would need to be written and sponsored by a legislator to be presented for consideration. Eveleigh said Warhol understood the legislative process and was able to get Senator Samuel Thompson (R.N.J.) to sponsor the bill for a state microbe and report it to the Senate.

After testifying in Trenton in front of the Senate committee, the Senate bill was unanimously approved by the full New Jersey Senate earlier this year, said Eveleigh. All that was left was for the bill to also pass the House of Representatives and be signed into law by the governor. According to Eveleigh, the House is set to vote on the state microbe bill in the coming month, which would be just before the 75th anniversary of streptomycin’s discovery.

“I’d like the governor to sign in the room of the lab in which streptomycin was discovered,” he said.
Progressives ought to maintain functionality

ANJALI SHAH

November 30, 2018

The Progressive's Hot Take

Within months, the Bronx-born Ocasio-Cortez went from wattressing in Union Square to the fringes of a race that made her the youngest Congresswoman in history. Her sheer determination and lack of censorship is what continually pushes her to the forefront of the political sphere. Despite being in the spotlight for a few months, she is already making waves. Fox News is wrong, Ocasio-Cortez does not have to be seen as "downright scary" and by her first day in Congress, she had already taken part in a sit-in protest in House Minority Leader Nancy Pelosi's office. But her most significant aspect about Ocasio-Cortez has never been her policy or platform. There is a mythical, American Dream-like quality of her story that is hard not to get swept up in. And yes, she has become a bold voice based on impractical, idealistic legislative efforts. In an interview with Jake Tapper about the programs her platform calls for, Ocasio-Cortez fails to answer one simple question: where will all of these programs come from? Just like Pelosi, Ocasio-Cortez is in a similar situation, unable to explain where $40 trillion will come from without a massive tax increase. Pelosi's leadership is driven by a desire to campaign and govern, and governing are very different. And while populist sentiment is popular enough to vote a person into office, it does not necessarily mean that their platform is feasible or realistic.

Even though Ocasio-Cortez's lack of experience and feasibility in politics represents a young, more liberal generation that does not see the flaws in the hyperbole of a Green New Deal or Medicare-for-all, her super idealistic platform must be grounded with the realism and moderation of the mainstream and the Democratic Party. Powerful populists like Ocasio-Cortez do directly translate to practical policy goals. This is what makes Speaker of the House-elect Nancy Pelosi's (D-Calif.) leadership candidate incredibly important to the discourse in the face of growing populism from both the left and the right. The growing anti-Pelosi left can reevaluate reality. While Pelosi's leadership has been seen as remarkably unpopular, those who oppose her are both simultaneously well-intentioned and unaware of what it takes to be a successful speaker that can compromise and push the House agenda in a forward direction. There is no guarantee that Pelosi is the perfect candidate for this position, but it is without a doubt that, like Democrat-inspired Democrats must have a responsible and more feasible route to success within House leadership. A progressive,yet-experienced legislator like Pelosi might be the answer when dealing with a party in which political identities range from blue dogs to Democratic Socialists. Recovery and a Green New Deal are incredible, this reliance should not be allowed to use their meal swipes to food access on campus. For example, students who was white and more than twice as likely to excessive force claims cost the state millions in taxpayer dollars every year. This comprehensive report should be a commonplace read on campus and we deart the quantified revelations of excessive use of force.

EXCESSIVE USE OF FORCE

After 16 months of investigation, the NJ Advance Media released a report on the use of force by New Jersey police officers. The findings painted a picture of a state in need of police reform. Some of the report's findings revealed 296 officers used force more than five times the state average, a black person was three times more likely to be subject ed to police force in New Jersey than someone who was white and more than twice as likely to be shot. Excessive force claims cost the state millions in taxpayer dollars every year. This comprehensive report should be a commonplace read on campus and we deart the quantified revelations of excessive use of force.

RUTGERS' SUSTAINABILITY

According to The Daily Targum reporting, Rutgers' sustainability efforts have increased in recent years, culminating in 30 percent of all campus energy currently coming from renewable resources. As more reports and evidence are released, our environmental future appears increasingly dire. While the University must continue its commitment to reducing its carbon footprint and working with the community to build a better, cleaner future, we laurel the progress made by Rutgers.

BORDER TEAR GAS

According to the United States Customs and Border Protection Agency, tear gas was used by the agency 126 times between 2012 and 2018. In 2016, the number of uses recorded was three. In 2017, the number increased to 18 deployments and in 2018, that number rose significantly to 29. Tear gas was recently used against asylum-seekers at the border, sparking outrage and debate. While the data show that tear gas is not new to the border, the use on those who have the right to seek asylum is abhorrent. We deart the recent use of tear gas on the men, women, and children who have left their destabilized and violent countries to use their right to apply for asylum in a beacon of prosper ity and hope.

RELIANCE ON GOOD WILL

According to GoFundMe, the site hosts more than 250,000 medical campaigns each year, with more than $60 million raised across thes campaigns. Medical bills account for 1 in 3 GoFundMe campaigns. While donations to aid these efforts are incredible, this reliance should not exist in the first place. Social problems must be addressed by social institutions as they lower costs and aid in overcoming obstacles. Similar ly, Rutgers should take a larger role in ensuring no student goes hungry or has to skip a meal. Rutgers can do more to address hunger and food access on campus. For example, students who should be allowed to use their meal swipes to swipe in students at their own discretion. We deart the fact that such donations are needed and the lack of support from larger institutions.

IMMIGRANT TRUST DIRECTIVE

New Jersey's Attorney General Gurbir Grewal (D-N.J.) established the Immigrant Trust Directive, which created new rules for police officers and U.S. Immigration and Customs Enforcement (ICE). New Jersey police officers cannot "stop, question, arrest, search or detain any individual based solely on their suspected immigration status," and they cannot ask the immigration status of anyone unless it is part of an ongoing investigation. No officer in New Jersey can participate in ICE immigration raids or operations and ICE cannot access state or local law enforcement resources, nor interview anyone arrested unless suspects are advised of their rights. We laurel the Attorney General's directive.

RELENTION ON GOOD WILL

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CANNABIS LEGALIZATION

New Jersey moved one step closer to the much anticipated cannabis legalization. The bill as it currently stands will legal ize possession and consumption of limited amounts of cannabis, expand the state's medical marijuana program and start to address engagement. While much work is needed on the bill that is waiting to reach the State Senate floor, the movement of legalization is an important milestone that we laurel.

The Daily Targum's editorials represent the views of the majority of the 150th editorial board. Columns, cartoons and letters do not necessarily reflect the views of the Targum Publishing Company or its staff.
Need to address negative consequences of sexual revolution

The sexual revolution allowed predators to think that they were not abusers. After all, women want it just as much as men do, and they should be free from any oppressive societal constraints that are preventing them from their desires.

“The sexual revolution allowed predators to think that they were not abusers. After all, women want it just as much as men do, and they should be free from any expressive societal constraints that are preventing them from their desires.”

Giana Castelli is a School of Arts and Sciences junior majoring in political science. Her column, “Conservative Across the Aisle,” runs on alternate Fridays.
Despite the freezing temperatures, cold dessert is one thing that never seems to go out of style. The cold often deters people from going out, but New Brunswick is giving them a reason to brave the elements. Lately, Rutgers has been rapidly implanting new restaurants and coffee joints on every corner, making Easton Avenue a hot spot for late-night cravings. The latest scoop is that New Brunswick opened up a traditional Thai rolled ice cream shop – also known as stir-fried ice cream – to Easton Avenue. Popping up only a few storefronts down from Thomas Sweet’s Ice Cream, the new dessert shop, IScream – Roll Up, is here to bring on a delicious, unique twist to Easton Avenue.

Thai rolled ice cream is a global phenomenon and is seen all throughout social media feeds. This ice cream is the classic treat presented in a different way. The workers take the ice cream in liquid form, get specific mixtures and then add some optional flavoring. Then, it is poured over a freezing, stainless steel plate and made fresh right in front of you. Similar to crepes except cold, it’s the freshest form of ice cream possible because it’s all made to order in front of you.

With competitor Thomas Sweet’s Ice Cream right around the corner, original homemade ice cream is hard to beat, as it has the freshest ingredients and chocolate made daily. However, after stepping into IScream, it’s clear that both places are unique to themselves and each offer something different to the Rutgers community.

The atmosphere is different than what you would expect. What used to be Hokkaido Bubble Tea remains the same small storefront, yet looks completely different due to new construction. As you walk in, the store is still remodeling with new paint fixtures and decor. The small shop features a few stools but is mostly a free-standing area where you order and take your food to go. Service is extremely welcoming, courteous and quick. It is unique to see your ice cream being made right in front of you and seems to catch everyone’s eyes as they watch. Quite a treat, this rolled ice cream is something that everyone is going to enjoy and keep coming back for.

One thing to note is the smaller menu and its smaller selections of ice cream. Since it is new to Easton Avenue, it currently only offers seven flavors. Although this seems pretty innocent, it’s often the reason it’s so hard to let people go and take them out of our lives. Everyone has flaws and to love someone is to love them regardless of those flaws. But that’s different from keeping someone in your life who’s toxic for you. Abuse doesn’t always mean physical violence. Verbal abuse is unhealthy and takes a heavy toll on individuals. Furthermore, a lot of exposure to it can lead one to become desensitized to the abuse, which leads to time spent in relationships that are ultimately damaging.

After wading through all of the fish in the sea, when you feel like you found someone that makes you happy, it becomes increasingly difficult to see their toxic traits. Here are some of the biggest signs you are in a toxic relationship:

NEGATIVITY
Being in a healthy relationship requires both partners to mutually support and benefit each other’s lives. Your partner being negative and always pointing out the worst in you or others is a tell tale sign that this person will eventually bring less positivity to your life. It will bring you down — it’s only a matter of time.

GROWTH SEEN AS BAD, REMINISCING ON THE PAST AND BEGINNING
If you find yourself constantly looking back on the beginning of your relationship, this might be a sign that you’re in a toxic one. A good relationship should have a best-is-yet-to-come mentality. Relationships have rocky patches, but you should be able to work through them with your partner. When you feel like all hope is lost and your partner has become someone you don’t like or love anymore, it might be time to re-consider your relationship.

LOSING TOUCH WITH FAMILY AND FRIENDS
You should never be so consumed with any one person that you lose touch with other people in your life. Whether it’s because you’re too preoccupied with your relationship – due to your partner being controlling or other factors — losing touch and not having time for or not wanting to see other people is a big red flag. A healthy relationship involves balancing your and your partner’s lives together while having the energy and freedom to have interests outside of the relationship.

VOLATILITY
People in relationships may fight at times, but if you’re always fighting – and if the fights leave no room for actual communication – it would be wise to see this as a huge red flag. Communication is key, and you should both be mature enough to have an argument, but it doesn’t erupt into an unproductive, energy draining and volatile disagreement. Study after study shows that not knowing what’s going to happen, or how to avoid pain, spikes your levels of glucocorticoids (stress hormones). A healthy relationship includes conflict, of course, but not all the time — and not to an acute degree,” according to Inc.com.

WALKING ON EGGSE Shells
You should never feel like you have to walk on eggshells around your partner so that they won’t explode in anger. If your partner needs to see every text on your phone, doesn’t want you wearing certain things, posting pictures on social media or going out with your friends, it’s a sign of extreme insecurity and mistrust. This is where conventional wisdom – a relationship not rooted in trust is a relationship bound to fail. Being or living with someone who will grow angry at the slightest inconvenience is someone who will drain you of energy and peace.

Relationships are hard to navigate at times, but don’t let that struggle blind you from seeing the signs of a toxic person. They’re not always perfect, but a good relationship is one where both partners grow, are happy and are at peace. Someone who cares for you is the one you would treat you in a way in which you become stagnant and stop caring for yourself and others in your life. Whether in yourself or your partner, recognize toxic signs and take care of yourself.
Aries (March 21–April 19): Look out for your own interests. Take cues and stay on top of the little details. Someone will use emotional manipulation to lure you into something that won’t be financially beneficial. Don’t get involved with anyone trying to heed the system using fake data or other means. Your numbers are 6, 10, 21, 28, 37, 42, 49.

Taurus (April 20–May 20): Get along with your peers. You’ll accomplish far more if you have added supporters and the help required to reach your target. Timing is everything, and avoiding being sheep-handed can make a difference. Leave no room for error. Offer concise instructions. 4 stars.

Gemini (May 21–June 20): Be realistic about your plans. Don’t make promises you can’t keep. Concentrate more on self-improvement, not trying to change others. Discord will prevail if anyone’s honesty is questioned. Live moderately and avoid complicating matters. 2 stars.

Cancer (June 21–July 22): Personal improvements will make you feel good but also lead to added stress if you go over the budget. Calculate costs involved before you get started or your plans will turn into a multitude of mishaps. Unexpected problems can be expected. 4 stars.

Leo (July 23–Aug. 22): You can have fun without going into debt. Consider what you are eating doing most, and look for ways to fit your plans to a set budget. Indiscrete or indulgent behavior can turn into a costly affair. Deception and disillusionment are apparent. 3 stars.

Virgo (Aug. 23–Sept. 22): Make plans that will bring you closer to someone you love and respect. Discount sensitive issues will need to be handled with care. Getting your facts straight and having a reason – be prepared – will help you avoid disaster. 3 stars.

Libra (Sept. 23–Oct. 22): Make changes in the way you handle your money. Gather information from an expert who can help you differ between what’s possible and what isn’t. It’s OK to dream, but when it comes time to decide, practicality will be required. 3 stars.

Scorpio (Oct. 23–Nov. 21): Relying on others will be questionable. Someone you’ve known a long time will lead you astray. Stay away from individuals who are a poor influence or encourage bad habits or lifestyles. Do your own thing and avoid regret. 4 stars.

Sagittarius (Nov. 22–Dec. 21): Look at the logistics of any deal you are trying to make and the people involved. If anyone or anything appears suspicious, back away and spare yourself the grief of the red tape and risk involved. Focus on personal improvement. 2 stars.

Capricorn (Dec. 22–Jan. 19): An unusual opportunity will grab your attention. Before you decide to take a chance, consider who is involved and do a background check. A smooth talker is likely to take advantage of you if you aren’t informed. 5 stars.

Aquarius (Jan. 20–Feb. 18): A prospect will not turn out as planned. Before you make a change or get what you want in writing. A partnership is riding on a microcomputer or overseas or matters. Don’t leave anything to chance. Protect your assets, possessions and your heart. 3 stars.

Pisces (Feb. 19–March 20): Stick to what and who you know best. Don’t treat as a gift, any acquaintance who has wild ideas and plenty of charm. Trust in a new acquaintance who has wild ideas and plenty of charm. 5 stars.

Universal Crossword

ACROSS

1. Where the heart is, they say. 44. Pay more
2. Star lion. 45. Part of the foot
3. Feral. e.g. 46. Cheeky
4. Rural life poem (var.) 47. Molecular
5. Milky gem 48. Campus protest variety
6. Certain classmates 49. Butcher’s device
7. ___ and well. 50. Air, poetically
8. Deluxe, as a suite 51. Lab tube
9. Earth’s shape 52. Campus protest variety
12. Confused fight 55. Severe wickedness
13. Scions 56. Ogles
15. Salk cured it 58. Tater state
16. “___ Brockovich” 59. “Scream” star Campbell
17. 60 Wrench type 61. Brat kin
18. Scions 62. Mucky land
19. U-turn from verbose 63. Payment on the first
20. Croats or Slovene, e.g. 64. Ogles
21. Barbie’s old beau 65. State positively
23. “You’re getting warmer,” e.g. 67. It’s between quarters 2 and 3
24. Where the heart is, they say 68. Moving roller
25. Glowing or polished, old-style 69. ___ and well
26. U-turn from verbose 70. ___ and well
27. It’s between quarters 2 and 3 71. ___ and well
28. Milky gem 72. ___ and well
29. Tire pressure abbr. 73. ___ and well
30. Croat or Slovene, e.g. 74. ___ and well
31. State positively 75. ___ and well
32. Moving roller 76. ___ and well
33. The seventh of January? 77. ___ and well
34. “___, right!” 78. ___ and well
35. “Beetle Bailey” character 79. ___ and well
36. Singing, dancing, acting, etc. 80. ___ and well
37. Pollution type 81. ___ and well
38. Snake-eyes count 82. ___ and well
39. Female Winter Palace residents 83. ___ and well
40. “This tape will ___ and well
41. Jesse tearing up the track self-destruct ... org. 84. ___ and well
42. Stinging rebuke? 85. ___ and well
43. Christian clothier? 86. ___ and well
44. Shrugger’s feeling 87. ___ and well
45. Pay more

DOWN

1. “You’re getting warmer,” e.g. 2. Certain classes
5. Earth’s shape 6. Certain classes
7. ___ and well 8. Certain classes
9. Earth’s shape 10. Bygone Toyota
11. Elliptical outlines 12. Bygone Toyota
13. Confused fight 13. Confused fight
15. Salk cured it 15. Salk cured it
17. Scions 17. Scions
19. U-turn from verbose 19. U-turn from verbose
20. Croats or Slovene, e.g. 20. Croats or Slovene, e.g.
22. At pique’s peak? 22. At pique’s peak?
23. Where the heart is, they say 23. Where the heart is, they say
24. Where the heart is, they say 24. Where the heart is, they say
25. Glowing or polished, old-style 25. Glowing or polished, old-style
26. U-turn from verbose 26. U-turn from verbose
27. It’s between quarters 2 and 3 27. It’s between quarters 2 and 3
29. Tire pressure abbr. 29. Tire pressure abbr.
30. Croat or Slovene, e.g. 30. Croat or Slovene, e.g.
31. State positively 31. State positively
32. Moving roller 32. Moving roller
33. The seventh of January? 33. The seventh of January?
34. “___, right!” 34. “___, right!”
36. Singing, dancing, acting, etc. 36. Singing, dancing, acting, etc.
37. Pollution type 37. Pollution type
38. Snake-eyes count 38. Snake-eyes count
39. Female Winter Palace residents 39. Female Winter Palace residents
40. “This tape will ___ and well
41. Jesse tearing up the track self-destruct ... org. 41. Jesse tearing up the track self-destruct ... org.
42. Stinging rebuke? 42. Stinging rebuke?
44. Shrugger’s feeling 44. Shrugger’s feeling
45. Pay more

SUDOKU PUZZLE

Complete the grid so that every row, column and 3x3 box contains every digit from 1 to 9 inclusively.

Yesterday's Solution

DIFFICULTY RATING: ★★★★☆

7 1 3 8 4 2 5 9 5 6 4 9 7 3 5 2 1 9 5 2 6 1 7 3 4 8 9 0 4 2 5 3 1 7 1 9 8 6 5 2 3 4 8
4 9 2 6 5 1 3 8 7 9 1 5 2 8 4 6 3 7 8 3 7 5 2 1 6 4 9 6 2 8 1 7 9 5 3 4
9 8 4 3 7 6 5 1 2 6 1 9 8 4 5 7 2 3 2 4 5 1 9 6 7 3 8 5 7 2 8 3 4 1 6 9 1

Yesterday's Solution

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

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The Daily Targum
Knights were 1-9 from behind arc, shot 37.9 percent from field

CONTINUED FROM BACK
run to finish the quarter with a 4-point lead. Rutgers only scored 8 points on a .322 field goal percentage in the fourth quarter, led by fifth-year senior forward Shasha Carey's 6 points. Unlike the Knights, the Hokies were able to close in stellar fashion with a 30-25 run in the final 6 minutes of play to take the win, 67-63.

Head coach C. Vivian Stringer recognized Virginia Tech's stretched offense, which forced Rutgers to switch up its game plan.

"When you have people that shoot the ball as well as they could, it was forcing us to come out beyond the 3-point range," Stringer said. "If we're not guarding the ball, which we didn't do anywhere near as well as we need to, they're getting opportunities to take the shots they have from all kinds of positions."

Wilson and Calhoun both shot 4-8 from the field. Calhoun made 5 of six free throws while Carey and senior center Victoria Harris went 2-for-2 from the charity stripe.

The Knights averaged a .373 total field goal percentage against the Hokies.

"I can tell you we're still not as quick as we need to be," Stringer said. "We're still not as consistent as we need to be in the shooting and it's an excuse that I hope we can remedy really soon, and that's a number of those players."

Looking at Rutgers' performance, Stringer was not pleased with the circumstances the Knights have faced over the past week. One of the biggest factors why Rutgers was unable to keep the game close was due to fatigue.

Besides external factors, the Knights have not had time to practice together as a team, due to numerous injuries. Since September, Calhoun has been absent, and only practiced the day before the team flew to Vancouver. Sophomore guard Areda Gouru was out for five weeks, as she was recovering from a concussion. Freshman guard Zipporah Broughton was also out for more than two weeks due to an injury, and was finally able to play again in Vancouver.

"I just don't think we've been playing together long enough and it's hurting us," Stringer said. "In some instances, I would take somebody off because they didn't know where they needed to go. It was necessarily their fault as much as it was that when you play longer, you know that what you're doing and where you're supposed to be going," Rutgers will have time to settle down and can improve for the next week and a half. The Knights will play Harvard on Dec. 8 at 2 p.m. in Cambridge, Mass.

"We just have to get some rest, get in shape, run the plays, get busy and come out in the end because I know that we're better than what we're looking like," Stringer said. "Right now, it's not looking good."

For updates on the Rutgers women's basketball team, follow @TargumSports on Twitter.

GAME
RAC sold out as Rutgers readies for 1st Big Ten opponent

CONTINUED FROM BACK
and show some toughness like we did on Wednesday." On Wednesday, Rutgers outlasted Miami in Coral Gables, Fla., 57-54, and proved itself as some Big Ten opponent. The highly-anticipated game has been hyped up for the past two weeks, and the RAC has been a tough place to play, with the circumstances the Knights have faced over the past week. One of the biggest factors why Rutgers was unable to keep the game close was due to fatigue.

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In two games against the Spartans last season, once as the No. 3 team in the nation and the other as the No. 4, the Knights held their own, losing by a combined 14 points and even taking Michigan State to overtime in East Lansing, Mich. In both of those games, Rutgers relied heavily on former guard Corey Sanders. This time around, the Knights will look to sophomore guard Geo Baker, who has steadily taken over the leadership role on the team.

It won't be easy, though, especially coming off a travel day.

"(Baker's) got the hardest test, I think, (with the Spartans') Cassius Winston (who) is the best point guard in our league, and so he's going to have to come and bounce back," Pikiell said.

Regardless of what happens in the game, the title is starting to turn for Rutgers with a strong group of veterans and a plethora of younger players coming up the wings.

"I just think we got a good blend. (Baker's) a leader in that sophomore class, (Eugene Omoruyi)'s a leader in the junior class, and (Shaquille Doorson) has become a voice in the senior class," Pikiell said. But the Knights will need all of their players to step up tonight to have a shot, something Pikiell isn't too worried about.

"I know our guys play better in front of those kinds of crowds so it'll be another step for us, an exciting step," Pikiell said.

For updates on the Rutgers men's basketball team, follow @TargumSports on Twitter.
RU prepares for Cliff Keen Invitational

JAKE SCHMIED
STAFF WRITER

For the last several weeks, the Rutgers wrestling team has had success against recent opponents in dual and quad meets. This weekend, the No. 25 Scarlet Knights (5-1) will match up against nationally-ranked individuals from top teams at the Cliff Keen Invitational in Las Vegas, Nev.

The invitational will start Friday afternoon, with the first two championship rounds slated to start at noon. The championship quarterfinals will take place that evening.

Saturday will feature the championship semifinals, finals and consolation finals, starting at noon and finishing after 6 p.m.

The tournament features 115 nationally-ranked wrestlers. At least eight in each weight class are top-25 in the nation.

Rutgers has not competed in the Sin City since 2014. The team placed 11th and totaled 54 team points in the tournament.

Alumnus Anthony Perotti wanted to do “It’s got that feel of a national tournament. After wrestling at 125 pounds, he’s excited for it to happen.”

For updates on the Rutgers wrestling team, follow @TargumSports on Twitter.

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Rutgers loses to Virginia Tech for 3rd loss

ROBERT SANCHEZ
SPORTS EDITOR

Coming off a big win on the road, short rest and a travel day in between — not to mention schoolwork and everything else it takes to be a student athlete — the Rutgers men’s basketball team is set for a matchup against Michigan State in front of a sellout crowd at the Rutgers Athletic Center (RAC) tonight at 6 p.m.

The Scarlet Knights (5-1) will face their toughest test to date and possibly of the entire season when they welcome the No. 9 Spartans (5-2) as they try and keep their three-game winning streak alive.

Michigan State, on the other hand, is coming off a surprising 82-78 loss at the hands of Louisville in the ACC/Big Ten Challenge and should be hungry to get its season back on track. The Challenge ended in a tie as both conferences ended up with six wins apiece.

“I think they’ll be very excited,” said head coach Steve Pikiell. “I mean, we have a lot of guys who are excited about playing ... in front of a great crowd, playing against a ranked team so I’m hoping we really come out ready

Head coach Steve Pikiell and the team welcome No. 9 Michigan State to the RAC in a highly-anticipated matchup. Tickets to the game sold out Tuesday prior to Rutgers’ 3-point win at Miami. CASEY AMBROSIO / NOVEMBER 2018

Men's basketball head coach Steve Pikiell