

EMORY LIFE

Green giants unveiled: The world of COVID-19 plant research

By AILA SHERI
Contributing Writer

Picture a vast field of wheat gently swaying in the breeze, or a dense forest teeming with life. From the towering trees to the smallest blade of grass, plants are essential to life on Earth. They provide people with food, oxygen and medicines and are critical to the health of Earth's ecosystems, helping humans to combat a wide range of diseases.

As scientists delve deeper into the mysteries of the plant world, they are discovering an arsenal of antiviral agents in the complex biology of these fascinating organisms. Emory University researchers Cassandra Quave (ooc) and Caitlin Risener (24G) were able to not only discover the wonders of nature, but also harness them to tackle one of the biggest challenges facing the planet: COVID-

19 and its emerging variants.

Quave, a medical ethnobotanist and associate professor of dermatology at Emory School of Medicine, served as the lead researcher of a study that examined plants' antiviral activity against COVID-19. Her motivation for this research stemmed from the belief that the plant world may be able to save countless lives and quell the onslaught of plaguing viruses.

"There are many examples of essential medicines that were developed based on molecules originally found in plants," Quave wrote in an email to the Wheel. "Take, for example, aspirin from the willow tree, morphine from the opium poppy, taxol from the yew tree, artemisinin from wormwood. I think that plants will continue to serve as a source of medicine for treating various diseases, including infections."

People might be tempted to explore North American fields, bring home a

few goldenrod stems and eagle fern plants and incorporate them into their meals as natural remedies for anti-inflammation, diuretics and urological issues.

However, Quave and Risener warned that consuming these plants without proper isolation and extraction of active ingredients is potentially dangerous and toxic to the human body. They added that people should hold off on any trips to explore tropical landmarks until the plant extracts are deemed safe to consume.

"There is much still for us to evaluate concerning the safety and efficacy of these plant compounds in different lab models," Quave wrote.

According to the Emory University Herbarium, Quave's lab curates the Quave Natural Products Library, a website that contains a wide collection of botanical and fungal extracts from plants and fungi worldwide. Researchers at the Quave lab settled on using Quave's Library to test 1,800 extracts and 18 compounds for activity against COVID-19. Through tedious observations, Risener said that Quave's research group was able to identify the tall goldenrod and eagle fern extracts as the strongest candidates as viral kryptonites.

Quave and her research group explored fields in northern Georgia and used on-site sampling methods to score concentrated amounts of the tall goldenrod and eagle fern extracts. Once back in the laboratory, the researchers held the extracts in test tubes as they devised methods for their potential to be explored.

With only a small percentage of plants having been studied for their

pharmacological potential, Risener said that Quave's research lab is still beginning to explore nature's medicines.

"Plants are made of thousands of compounds that they have evolutionarily created to defend themselves from things in their environment," Risener said. "We as humans could not even dream up some of the complex molecules that plants have created to protect themselves."

According to Quave, this makes examining the relationship between plants and medicine important. Quave and her research group were able to successfully apply knowledge from traditional medicine to determine which part of a plant and virus-like model to use as a starting point for their research on medicinal plants.

Quave and Risener chose virus-like particles to act as the threats to safety in this research and the plant extracts to act as the superheroes that eventually save the day. Risener said proteins and molecules from the plant extracts fit into their corresponding receptors on the surface of the virus like a lock being inserted into a key. This antiviral activity is like nature's own defense system. Just like how the human body has an immune system to fight off infections, plants have protein molecules that block the virus' receptor sites to prevent infection.

When the researchers noticed the subtle hum of green color under fluorescent lighting that indicated that viral activity had been suppressed, they realized they just might have harnessed the power of these extracts as antiviral agents, and they may be able to save countless lives and prevent the

spread of dangerous viruses.

To further test these results and confirm that the plant extracts could inhibit COVID-19, the Quave lab teamed up with co-author and Frances Winship Walters Professor of Pediatrics Raymond Schinazi. They focused on using Schinazi's highly-rated biosafety laboratory as a place to safely handle the infectious COVID-19 particles.

Researchers had to assess these extracts' performance against infectious COVID-19, so the plant extracts and COVID-19 particles were placed in test tubes with a fluorescent light illuminating their complex to detect any sighting of a green protein.

Given that the extracts were successful in inhibiting the virus-like particles, it was no surprise that the COVID-19 virus was prevented from causing an infection.

To this end, Schinazi believes that isolating active ingredients and improving their potential as drugs for COVID-19 is a step in the right direction.

"There is still a lot of work to do in order to advance these extracts forward," Schinazi said.

From decoding plant genomes to exploring the potential of COVID-19 medication, plant research is revolutionizing the way people think about nature's biomedical uses.

So, the plants growing by the road-sides or in backyards might just hold the key to defeating viruses like how plants in northern Georgia fields could help fight against COVID-19.

— Contact Aila Sheri at aila.sheri@emory.edu



HA-TIEN NGUYEN/PODCAST EDITOR

Emory researchers at Emory School of Medicine recently discovered plants' antiviral ability to fight against COVID-19.

Black-owned, women-run children's bookshop promotes inclusive stories

By JORDYN LIBOW
Emory Life Editor

Nestled in the Oakhurst neighborhood of Decatur, Ga. lies a quaint children's bookshop. A rainbow of shiny book covers illuminate the front window of the compact shop, creating a stark contrast with the dingy dive bars that populate much of the rest of the street. Beside the shop's turquoise-outlined front door is a chalkboard sign in pastel block lettering that welcomes patrons to "the cutest little neighborhood bookshop."

Bunnie Hilliard is the owner and founder of Black-owned, women-run Brave and Kind Bookshop, a children's book store specializing in diverse and inclusive children books. Hilliard sports thickly-framed tortoiseshell glasses, a wide smile outlined in bright pink lipstick and a sweater with bunnies on it — to match her name, of course.

When stepping inside the bookshop, customers are transported into a world of magic and color. Books are everywhere. They're shelved, stacked, binned and displayed in every cranny of the store. Special displays are granted to educational books about inclusion.

A black curtain separates the sea of books from a back-office area. Hilliard gladly leads me behind the scenes, where multiple desks are cluttered with scattered papers and binders. She sits down on a tattered couch, melting into the cushion with ease, and shares her story as if catching up with a longtime friend.

"We like to coin ourselves as having a beautiful, intentional collection

of diverse and inclusive kids' stories," Hilliard said.

Hilliard founded Brave and Kind Bookshop in 2018, but the idea had been brewing since she was pregnant with her now-teenage daughter. She said that she had a hard time finding books with Black and brown main characters that were not centered around history or slavery.

"History is a very important part of sharing our stories, but looking for books for my kids that resonated with our family, and that we just enjoyed reading every day," Hilliard said. "That was the beginning of the seeds of thinking that this was something that was missing."

After graduating from Florida A&M University with a business degree in 2000, Hilliard came to Atlanta, where she first attended Clark Atlanta University for an MBA in marketing, then worked in banking and stayed home for a while after having kids. In 2016, she was ready to start the next chapter of her life. She asked herself what she would do if she knew she couldn't fail, leading to the creation of Brave and Kind Bookshop.

"I wanted to do something that felt brave and kind for myself, that I felt like would leave a legacy on our community," Hilliard said. "And I thought that championing these stories and prioritizing these stories would leave a legacy that we could all be proud of."

In the summer of 2018, Hilliard launched a crowdfunding campaign "as a sort of litmus test" to see if the community was interested in her idea. She said she was met with an overwhelming amount of support and donations from family, friends,

friends of friends and complete strangers. The bookshop officially opened in September 2018. Bringing the vision to life was a community DIY project. Hilliard knew that her budget was tight starting out, so she recruited her friends and family to help her decorate the store and bring the space to life.

"I have photos of some of my friends with their little paint brushes painting in the letters," Hilliard said. "We placed some orders and I placed that minimum stock inventory purchase and we opened the doors and it's grown so much."

The bookstore started with around 200 different titles. Now, Hilliard said that number is around 6,000. Selecting books to fill the shelves was a challenge, given the restrictions of the store being so small.

Hilliard sprung up from her seat and trotted over to the bulletin board hanging over her chaotic, colorful desk. She ran her finger over the board and landed on a Post-it note with a list of qualifications scribbled on it. Hilliard rattled off, "Is it a good story? Is it diverse? Does it have diverse characters? Will the kids learn something? Does it provide mirrors, windows and doors?"

She explained that a story provides mirrors if the readers can see themselves in the story, it provides windows if it transports readers into someone else's perspective and life experience and it provides sliding doors if it brings readers into a fantastical world, but also allows them to exit the sliding door and apply to the story to reality.

Hilliard said that during the pandemic it became more of a challenge to maintain a thoughtfully-curated col-



JORDYN LIBOW/EMORY LIFE EDITOR

A diverse collection of books is displayed atop a packed bookcase.

lection, due to the pressure that came with being a Black-owned business during the resurgence of the Black Lives Matter movement.

"Going through the pandemic and getting just some of the additional exposure that we did as a Black-owned store during that time, I felt a little inclined to be more people," Hilliard said. "But, we talk all the time about making sure that we still feel thoughtfully curated. And so, we're sloughing off some of the older titles and retiring some of those things because I want it to always feel like a very special and an intentional collection."

Although the store itself is small, Brave and Kind Bookshop's outreach is vast. Hilliard hopes to eventually open a second location in Atlanta, and to continue expanding her reach across Atlanta, as well as create a nonprofit branch of Brave and Kind to be able to receive grants to serve those who have less access to books. In the meantime, the store is broadening

their impact through hosting a variety of events, including school visits and book fairs.

"One of the things I really enjoy most is doing school visits and bringing picture book authors to schools and have students get a personal storytime and to hear all about the books and get to ask the author about their creative process," Hilliard said. "And to just kind of see that sparkle in their eyes as they're being read this really fun, funny, beautiful story."

Hosting these author events is one of Hilliard's favorite parts of owning Brave and Kind Bookshop, she said.

"To kind of see it through to fruition, to see this author of color come to this audience and share their story in a meaningful way, and to see the looks on people's faces when they're talking about it, and that it really matters to them, it feels like we're doing something important."

— Contact Jordyn Libow at jordyn.libow@emory.edu

Meet me at Kaldi's

A HUMANS OF EMORY PROJECT

There are thousands of people in the Emory University community who will never get a mention in the Wheel. We see each other all over campus: at the Dobbs Common Table, on the Quadrangle or at Kaldi's Coffee. We invited our writers to "spin the Wheel" using a random generator system to select the name of a person from the Emory community. Writers took their profile subjects to Kaldi's, where some of the best conversations and friendships at Emory begin, to learn the interesting anecdotes, crazy experiences and unexpected facts about the community members they met.

HUMANS OF EMORY

Shayne Goldstein finds her voice in music

By **JESSIE SATOVSKY**
Staff Writer

The rug was pulled out from under Shayne Goldstein's (26C) feet when she found out in her freshman year of high school that she might lose her ability to sing, or even to talk, due to a vocal cyst.

Her doctor said the cyst was around six millimeters, the biggest one they had ever seen on a teenager. Due to the size, the doctor told Goldstein that her voice likely wouldn't be the same after they performed surgery to remove it.

"It was very hard for me to deal with that," Goldstein remarked. Losing her ability to pursue music was not something she had ever even anticipated, and she said that the prospect of losing her ability to sing was devastating.

Goldstein had fallen in love with music in preschool. As a toddler, her twin brother took voice lessons as a way to help him heal nodules on his vocal cords.

Because they were twins and so young, Goldstein came along and participated in the lessons alongside her brother. The voice lessons helped her brother's nodules, and eventually, he stopped the lessons.

But for Goldstein, this was only the beginning — the voice lessons had sparked something in her, and she continued singing.

"Singing was an outlet for me that I found that I could express myself," Goldstein said. "That's where I had a voice."

While her brother initially got her into music, it quickly became a way for Goldstein to differentiate herself from her brother. The twins went to school together and even had classes together, so Goldstein said she was

grateful to have music as something that was only hers.

When Goldstein found out that she had a vocal cyst, she was scared she might lose not only her ability to do one of her favorite things but also a big part of her identity. A few months after her diagnosis, Goldstein had surgery to help remove the cyst and began a long recovery process.

"I couldn't speak for like two weeks and then I couldn't sing for three months, and I had to go to vocal therapy," she said. "Thankfully, everything worked out, and my voice is fine."



YASHONANDAN KAKRANA/WEB DESK

Shayne Goldstein (26C) overcame vocal injury.

Despite the medical scare, surgery and taxing recovery process, Goldstein was still in love with music. She continued voice lessons throughout high school and even did a pre-professional program at the Manhattan School of Music.

Goldstein said that she loves how she can express herself through music and the flexibility to perform whatever genre and style she desires as a singer.

She mainly does classical singing and musical theater, but she also does some pop and is interested in branching out more from her roots. Her love for music is also what brought her to Emory University.

"I was looking for a balance between ... getting a liberal arts education and then also like the music aspect," she said. "[Emory] was like the perfect balance between the two."

When Goldstein took a tour of Emory's campus, she spoke with the Director of Vocal Studies Bradley Howard, which she said helped solidify her decision to apply early decision to the University.

Goldstein is a music and psychology double major. Outside of class, she is a member of the University's Meals on Wheels club, where she helps deliver food to people in the Atlanta community who are in need. In her hometown, she worked at a food pantry and saw the Emory club as a way to continue this work.

Goldstein is also a member of the University Chorus, which includes everyone from students to alumni and even people from the broader Atlanta community.

"I've been in choirs before, and I've never been in such a big choir, and it's very different," Goldstein said. "I didn't know if I'd like it or not, but I really like it."

Additionally, Goldstein is in a band called "Groove" with other Emory students. She joined earlier this year after Evan Covey (24C), a friend in the band, asked her to join and help out while their lead singer is abroad this semester. Goldstein and Covey had been in a band together in high school, so when she got the opportunity

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HUMANS OF EMORY

Emory, Georgia Tech student makes the best of many worlds

By **EMMA KINGWELL**
DEI Editor

Abby Paulson (23G) is not a typical member of the Emory community. As a seventh-year Ph.D. student in the Emory University and the Georgia Institute of Technology joint biomedical engineering program, Paulson spends most of her time not on Emory's campus, but in the lab at Georgia Tech. We met at Kaldi's Coffee at the Emory Student Center, and although she took neuroscience courses at the University when she started the program in 2016, our meeting was the first time she'd visited the new Kaldi's.

Paulson studies neural activity involved in learning and memory and how it fails in disorders such as Alzheimer's disease. The powerful information processing ability of the brain fascinates her.

"Memory, for example — how it can control our motor action, how it pretty much underlies everything that we do in life and how those things are altered in disease — I think is really interesting," Paulson said.

This research is personal to Paulson, as her grandmother has been diagnosed with Alzheimer's. Additionally, Paulson's interest in biomedical engineering stemmed from her bachelor's degree in chemical engineering at the University of Alabama.

"I always have really liked math, and I felt like it was a good application of some more quantitative skills but still having the opportunity to take some science classes because I had a feeling I still wanted to do something in science post-grad," Paulson said. "It's a good opportunity to have a taste of both worlds."

Paulson's love of math shows in her life outside of research. She has a silvery-gray cat named Pi, who has been her companion since the start of graduate school.

Paulson is well-spoken, often pausing to think before answering a question. Her elegant manner of speech came as no surprise when she mentioned her love of ballet, having done classical ballet through high school.

"I love to take a ballet class," Paulson said. "The music is really calming."

In addition to continuing to dance in her free time, Paulson enjoys running and walking the trails by the Chattahoochee River. Her favorite vacation spot, however, is the beach.

"A lot of nature can make you feel a little small and remember there's so much more besides yourself," Paulson said.

Paulson will graduate this summer after completing her dissertation. After graduation, she said she hopes to pursue a career in the biomedical engineering industry. However, she said she is not sure what that will look like exactly. To undergraduates who are interested in a similar path, Paulson advised them to "keep persevering and moving forward." Although she said that graduate school is a big commitment, "learning how to be a scientific thinker" is valuable.

"I think that mindset can apply to anything, but grad school can be a long road, and it's important to have a positive attitude," Paulson said.

When Paulson first replied to my interview request, she told me she wasn't sure she was the best person for this project. However, as a researcher, student, mentor, ballerina, cat mom, new aunt and more, she truly represents the multifaceted beauty of the Emory community.



EMMA KINGWELL/DEI EDITOR

Abby Paulson (23G) is passionate about ballet.

After graduation, one might find Paulson with her nose buried in a book or traveling. Although she said that she is open to staying in Atlanta and would also love to be somewhere near an ocean, she is not sure where her future job will take her.

— Contact Emma Kingwell at emma.kingwell@emory.edu

HUMANS OF EMORY

Chemistry major, English minor never stops learning

By **JORDYN LIBOW**
Emory Life Editor

Spring is perfect for a meet-up in The Depot by Kaldi's Coffee outdoor seating area. Aditya Kolisetti (24C) sits at a table on the porch of the popular Emory University coffee spot with bulky black headphones around his neck. He smiles.

"In coming back to the States, I'm excited to be here, and I'm very, very happy for the summer day," he said, motioning toward the bright rays that poke through the cracks of the wood paneled awning.

Kolisetti was born in Portland, Ore., but he moved to India at eight years old and spent the majority of his life there, moving back to the United States to go to Emory. He is both a U.S. citizen and an international student, since his home is in India.

He is also very close to his family and tries to call home each week, though he said the 11-hour time difference can make that tough.

He said he tries to call at hours when both sides are often awake, usu-

ally 7 to 10 a.m., or 9 to 11 p.m. Atlanta time.

However, at times, he said he has had to make midnight or 2 a.m. calls to reach his family if there's something pressing. Kolisetti said that the hardest thing about the time difference was when he was in India during the pandemic and his online chemistry labs were held from 3 to 6 a.m.

Despite the inconvenience of traveling from India to Atlanta, Kolisetti said that going to college in the U.S. was a clear choice.

As a U.S. citizen, he said he receives more financial aid from schools here compared to what he would've received in India. He also said that many Indian universities are very "strict," and only recently has India established liberal arts schools.

"They're very young universities," Kolisetti said. "Here, there's always been a lot more of an interdisciplinary focus and because I didn't want to abandon either humanities or the sciences, I think I had to come here if I wanted to make the most of it."

As both a chemistry major and

an English minor, Kolisetti finds the complementary aspects in seemingly-opposite things. However, he said that he doesn't feel that managing these two disciplines requires a "balancing act."

"In fact, I think it's more of a co-existence," Kolisetti said. The very creative side of English — the extremely subjective ebb and flow of words and pace, meter, rhythm, register — all of that lends itself really well to scientific writing, as well.

Kolisetti specifically chose to come to Emory for this duality. He said he was initially attracted to the University for its emphasis on students gaining a well-rounded, liberal arts education, but that he ultimately committed because it has both strong chemistry and English programs.

"It was the best of both worlds," Kolisetti said.

This sentiment of bridging the gap is prevalent in many of Kolisetti's endeavors. He serves as the director of the research committee for Plastic-Free Emory, as well as the Green Chair for the University's official chemis-

try club, ChEmory. In these positions, he is able to combine his interests in chemistry and environmental activism.

"I enjoy being able to straddle the line and make sure that both [clubs] get what they want out of the science," Kolisetti said.

He said he plans to organize a collaborative event between the two clubs for Earth Week, the last week of April, in which he hopes to bring the analytical, quantitative side of chemistry to Plastic Free Emory, and a more environmentally-sustainable lens to ChEmory.

Kolisetti cares deeply about the environment — a passion he said he will carry with him for the rest of his life. During his sophomore year, he worked in a lab with Dr. Sihi in Emory's environmental science department on soil carbon analysis projects.

He plans to attend graduate school after Emory to study organic synthesis in chemistry. In his graduate school search, he said he prioritizes finding a place that has good public transport and meat-free food options, as he

strives to follow a vegetarian diet for environmental reasons.



JORDYN LIBOW/EMORY LIFE EDITOR

Aditya Kolisetti (24C) enjoys tutoring peers in chemistry.

Kolisetti, who has lived in India for most of his life, said that living a meat-free life in the U. S. is challenging.

"A lot of fast food and easy-access cuisine has been either vegetable-lacking or meat or dairy-focused," he said.

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King of Horror

By Miranda Wilson

Crossword Desk

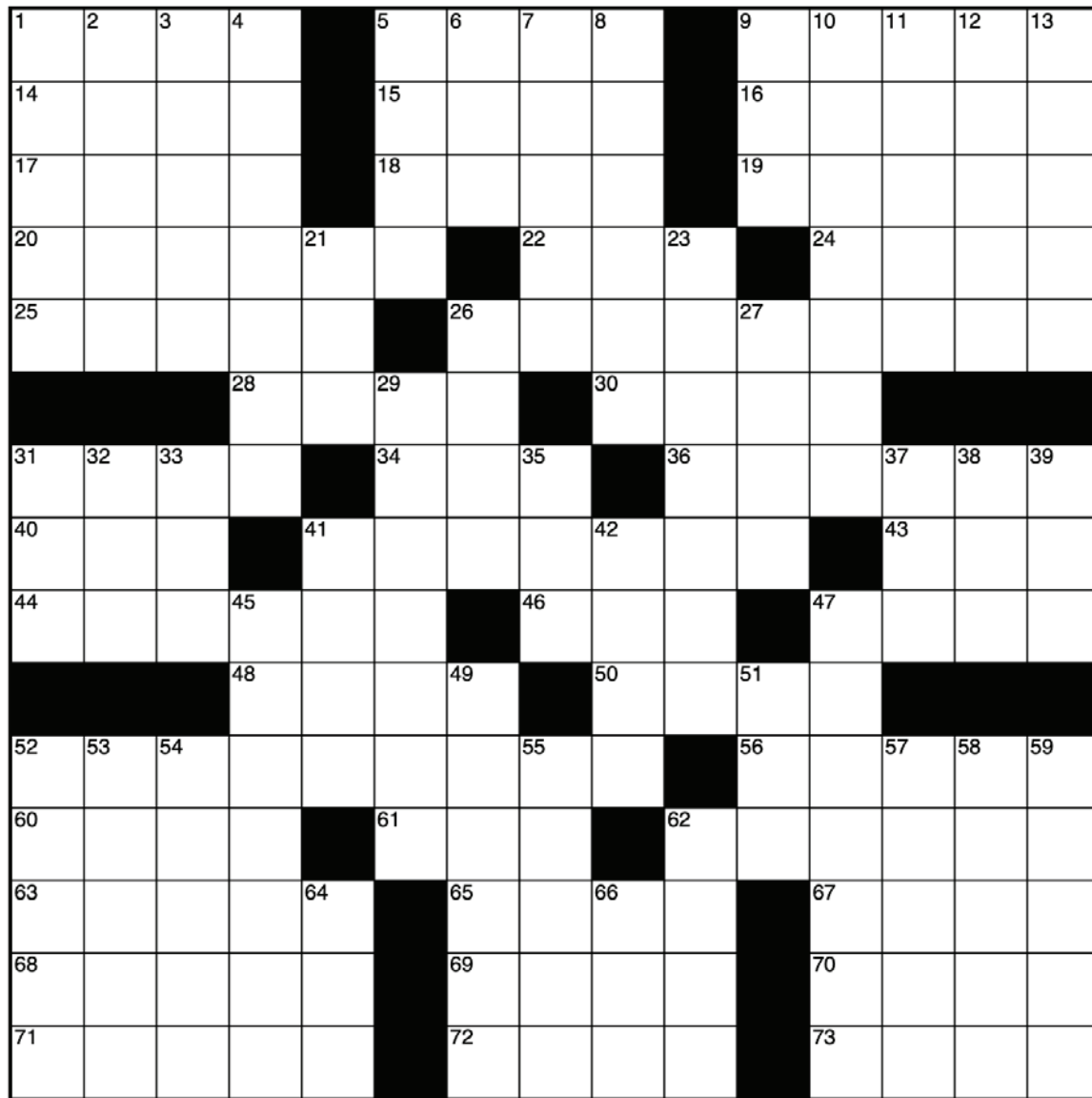
Across

1. Horror novel about a rabid Saint Bernard
5. Math class taken after algebra (abbr.)
9. Celebrity, e.g.
14. Global partnership of educational institutions founded in 1991 (abbr.)
15. Buildings used for musical performances in ancient Greece
16. Story from Doctor Who written by Douglas Adams
17. Star Wars heroine
18. Suffix for improv and prom
19. Caused a birth
20. ___ Sleep, sequel to 10-down
22. Not sm or med
24. Mardi Gras city (abbr.)
25. Smirk
26. Common descriptor for horror films
28. Peek ___
30. Make
31. "___ Theodosia", song from Hamilton
34. College with a cavalier mascot (abbr.)
36. Opposite of zipped
40. "When it's ___ said and done"
41. Kubrick who directed 10-down
43. Taylor Swift's Reputation ___
44. Pepto-___
46. Oscar-nominated film starring Cate Blanchett
47. Ripped
48. Al-___, sixth chapter of the Quran
50. Librarian's disciplinary sound
52. Villain in "It"
56. Cilantro, basil, etc.
60. Falls behind
61. Line on a tax form
62. Action of a spring or firearm
63. "___ in the neck"
65. "___ of mind"
67. Shrek, e.g.

68. Opposite of yes dad
69. Single-stranded DNA-like molecule (abbr.)
70. Polite antonym
71. River that flows through Paris, France
72. Action necessary to get one's attention in a loud room
73. Where a bird lays eggs

Down

1. Sore throats and runny noses
2. Apply to
3. Orange, cranberry, etc.
4. Idiom meaning to engage in a burst of activity
5. Coconut fiber
6. YouTube video option to skip ___
7. Turanga who is a one-eyed character on Futurama
8. Horror novel about a teenage girl with telekinesis
9. Donkey
10. Novel about the Overlook Hotel by the author of 1-across, 8-down, 47-down, and 49-down
11. Cards read by a psychic
12. "Rolling in the Deep" singer
13. Weather tracker
21. Sphere
23. Those who apply shiny coats to pottery
26. Bright star
27. Sound made by 9-down
29. Fugitives
31. A tiny amount
32. Nickname for Elias
33. Lou Gehrig's disease (abbr.)
35. Academic department known for ethnographies (abbr.)
37. Prefix for logical and metric
38. Mess up
39. Race car driving champion Gurney
41. Company that owns the rights to Spiderman



42. Action of a lightsaber
45. The Haunted ___, Disney film
47. "Children of ___"
49. Horror novel featuring an author-fan romance
51. ___/her/hers pronouns
52. "I have grand ___"
53. Author of "The Raven"
54. Popular fishing and tourist lake in Botswana
55. Trap
57. Go ___, behave erratically
58. Hornbills, Macaws, etc.
59. Icy rain
62. Not fake
64. British music and culture website (abbr.)
66. Weekend show featuring a celebrity host and comedic skits (abbr.)



Scan for answers!

Singer overcomes injury

Continued from Page 9

nity to be part of one again in college, she jumped at the opportunity.

Despite having to overcome obstacles, Goldstein said her love for music has never wavered. She said she's interested in being a musical therapist, possibly writing her own music or even just doing something with music as a side job. Regardless of

what she ends up doing, Goldstein knows that she wants music to be a part of her future.

"I've done it for so long," she said. "It's always been in my life and I love doing it ... I want to stick with it if I can."

— Contact Jessie Satovsky at jessie.satovsky@emory.edu

Kolisetti adores teaching

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"Of course, there are great restaurants that are vegan and vegetarian-friendly, but a majority of my meals will need to be home-cooked if I want to have variety while also getting enough nutrition from meals."

Kolisetti is a sponge. He is enamored with life and soaks up everything around him. He said he believes that there is something to learn from everyone in his life, especially those in the Emory community.

"I look up to everybody around me," Kolisetti said. "Peers, friends, professors — there's honestly something very noble and very, very forward-driven about most people. I mean, it's Emory. There's good people here, you know what I mean?"

Kolisetti has a 30-year plan. His ideal trajectory involves graduate school, then working as an independent researcher for 10 to 20 years, and finally retiring as a professor, hopefully teaching organic chemistry.

He is also a natural teacher. While he adores learning, Kolisetti said he enjoys passing on his knowledge to better the lives of others even more.

At Emory, he's worked as a learning

assistant teaching chemistry courses, including Chemistry 150, 202, 203 and 204.

"Two years of teaching so far, and I don't intend to stop," he said beaming. "I'm really glad for the students who have shown marked improvement and who have said that I was able to tangibly change their life for the better."

Kolisetti also holds his own personal review sessions for his classmates in the classes he takes.

"I think being able to put that forward and give what I've been given from my mentors previously, that's been a real treat here," he said.

Kolisetti said he believes that learning is lifelong. It doesn't stop once you get a grade on an exam.

"I don't think I'm gonna ever stop learning," he said. "I'm never gonna stop setting goals. The only thing that I will do tomorrow is better than today. And that is it. I cannot give you the world, and I cannot give you more than what I have right now, but be sure that one day eventually I will. Success is an inevitability, not an endpoint."

— Contact Jordyn Libow at jordyn.libow@emory.edu

PAID RESEARCH OPPORTUNITY: Individuals aged 12-34 in the Atlanta area needed for online research study

The Emory Mental Health & Development Program is seeking participants for an online research study about how your thoughts about other people and your perception of things can be assessed through computerized tasks.

Individuals aged 12-34 in the Atlanta metropolitan area may be eligible for participation.

Participants are asked to complete baseline study sessions, then 12-month and 24-month follow-ups. Appointments are online. Compensation is \$30 per hour.

For more information, please visit our website or contact us.

Phone number: 404-727-7547

Email: mentalhealth.research@emory.edu

Website: <https://scholarblogs.emory.edu/mhdp/> or scan the QR code:



STU00211351: CAPR

Principal investigator: Elaine Walker