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WHAT'S INSIDE



Devin Rossin elected as next Honor chair

Honor Committee passes Informed Retraction reform

KATE BELLOWS | ASSOCIATE EDITOR

The 2017-18 Honor Committee chose their Executive Committee this weekend as part of their transition retreat, in which the outgoing Executive Committee trained incoming Committee members for their upcoming term. Third-year College student Devin Rossin was elected to serve as Honor Committee chair.

"We're entering a weeklong transition period during which myself and the other four members of the outgoing Executive Committee will be working closely with our successors to prepare them to take on the roles when they officially transition in on April 3," said Matt West, the outgoing Committee chair and a fourth-year College student.

The new Committee also elected third-year College student Jeffrey Warren as vice chair for hearings, third-year Nursing student Tamia Walker-Atwater as vice chair for education, third-year Engineering student Brandt Welch as vice chair for community relations and third-year College student Sarah Killian as vice chair for investigations.

"I think a large, over-arching theme is making Honor a lot more relevant to the lives of students," Ros-

sin said. "Making sure that Honor is a lot more present in their communities, having a lot stronger education, outreach focuses ... [and] making sure that there's this reciprocity of trust between Honor and the rest of the community," Rossin said.

Welch said he decided to run for Honor Committee over winter break after considering it for a while. He became involved as a support officer his second year.

"Honor is a system that should be serving the students," Welch said. "I think Community Relations is what serves as a liaison between the students and the Committee and holds the Committee accountable for addressing the needs and concerns of the student body."

At their meeting Sunday evening, the Honor Committee voted unanimously to pass a proposal to expand the Informed Retraction.

"We ultimately decided on a proposal that focused on expanding the IR to allow a student to take a single IR for multiple offenses when those multiple offenses involved 'substantially similar conduct and circumstances," West said. "That 'substantially similar conduct and

circumstances' language became a core component of this expansion that we sought to achieve and that we've been discussing for the past few weeks."

Warren said he is looking forward to implementing the reformed IR.

"In our retreat, we talked a lot about what would become of this IR reform should it not pass, so we were planning to work on that," Warren said. "Fortunately, it did pass today, so we don't have to. I know that I'm looking forward to working closely with Sarah Killian, the vice chair for investigations, on implementing the new IR reform and coming to agreement with her on how to apply it."

Killian said she might revisit previously-proposed IR changes.

"The implementation of what they just passed tonight is going to largely fall to me to make sure that it's consistently and fairly applied across cases," Killian said. "I'll be largely implementing that. I might also take a second look at some of the other IR changes that were proposed at one point in time to see if we might want to implement some of those in the

Walker-Atwater, who has served

on the 2016-17 Committee, said she will be working to reach out to marginalized students.

"My plan to focus on for next year is having to do with outreaching to individualized who are marginalized by our community," Walker-Atwater

said. "This includes students with disabilities, our deaf and blind population, individuals who are international students and so on. It's about defining the role of Honor in their communities and not pushing an



Third-year College student Devin Rossin was elected to serve as Honor Committee chair

Tom Perriello makes campaign stop in Charlottesville

Former congressman discusses health care, answers questions from former constituents

JACOB WILKINS | STAFF WRITER

Democratic gubernatorial candidate and former Congressman Tom Perriello held a town hall March 23 at the Haven in downtown Charlottesville in which over 200 people poured into the former church to discuss the issue of health care.

The event began with comments by Perriello's policy director, Leah Greenberg, who is also a co-author of "Indivisible: A Practical Guide for Resisting the Trump Agenda," which embraces grassroots organizing against President Donald Trump. She praised Perriello for fighting to pass the Affordable Care Act when he was in Congress and told the audience that a vote for Perriello is a worthwhile vote.

"We need people who will stand up no matter the cost, and that's why Tom Perriello will make the finest governor Virginia's ever seen," Greenberg said.

Amy Laufer, who is seeking the Democratic Party's nomination for a seat on the Charlottesville City Council, followed Greenberg with a personal story about her child's battle with glaucoma and epilepsy. She applauded Perriello's support of universal healthcare.

Dr. Paige Perriello, a Charlottesville resident and sister to Tom Perriello, spoke after Laufer and told her brother's electoral story before introducing her brother.

Perriello outlined the many ways in which he thinks the American Health Care Act, the recently-failed replacement bill for the Affordable Care Act proposed by congressional Republicans, is inferior to its predecessor. He cited statistics from a Congressional Budget Office report which states 24 million people will their lose health insurance by 2026 should the AHCA pass. He also emphasized the AHCA is a \$600 billion tax cut for people with incomes exceeding one million per year, which could leave the middle class with higher premiums."This is a massive tax increase for the middle class in order to kick poor people off their health insurance," Perriello said.

In response to a question, Perriello also said he would support state-sponsored alternatives to the AHCA, should it pass and eliminate key achievements of the ACA.

"We will look for whatever op-

tions are available to protect those gains at the state level including the possibility of the exchange," Perriello

Following Perriello's remarks, the audience was given the opportunity to ask questions. The first question posed to Perriello was about his decision to run in the gubernatorial race.

Why do you want to engage in a primary campaign which will eat up a lot of funds instead of just running against Tom Garrett in 2018?" Jerome Handler, a senior fellow at the Virginia Foundation for the Humanities, asked.

Perriello outlined the ways he thinks his progressive agenda would lead the Democrats to a gubernatorial win this fall.

"I give Democrats the best chance to win, and I'm not going to watch Democrats make mistakes with a wrong strategy," Perriello said.

The rest of the audience hit other issues facing the country including women's rights, medical marijuana, gun control, education and climate

After he was asked a question regarding his stance on gun control, Perriello said he supports sensible gun reform," citing universal background checks, smartphone technology and closing the gun show loop-

Perriello also answered a question concerning the issue of the student loan crisis and how it affects younger Americans who are struggling to afford health care.

"Obviously there is a broader problem with student debt and what that means for folks, and that's why we've been looking at continuing to promote college affordability," Perriello said.

The Democratic Party primary for the 2017 gubernatorial election will be held June 13, in which Perriello will be competing against current Lt. Gov. Ralph Northam for the party's nomination.



Democratic gubernatorial candidate and former Congressman Tom Perriello.

High school students compete in U.Va. programming contest

Fifty teams gather on Grounds to test their computing skills

JORDAN BRIDGES AND KARA KREILING | STAFF WRITERS

The Association for Computing Machinery at the University hosted the largest high school programming contest in the mid-Atlantic Saturday with over 50 teams competing.

Students participating in the High School Programming Contest raced to correctly answer the most computing questions in the least amount of time. The Thomas Jefferson High School "senior team" placed first, with Richard Montgomery's team "RMHS 1" placing second.

ACM Chair Andrew Norton, a fourth-year Engineering student, said the ACM hosted HSPC in order to foster interest in computer science among high school students. In fact, Norton was one of the students who was impacted by participation in

"I did this contest when I was in high school. I got to meet current students and faculty through that, and I said, 'Oh, this is really fun. I'm going to go to U.Va. and study computer science," Norton said.

ACM targets high school students with the hopes of keeping them interested in computer science, especially if a student belongs to an

underrepresented minority group.

"At this age, exposing them to computer science is really critical, because I hear of a lot of minorities that end up not going into CS even though they enjoyed it in high school," said Marina Sanusi, contest director and third-year Engineering student and computer science major.

Coaches bring their computer science students in hopes of encouraging an interest in computer science. Additionally, computer science teachers aim to give bright students a real-world programming challenge.

"The challenges are definitely different from just a textbook problem. It makes them think, it makes them work together. They only have four people to one computer so they have to collaborate to solve these problems," said Blythe Samuels, a computer science teacher at Powhatan High School.

Contest organizers agree that HSPC provides a realistic exposure to computing while allowing students to develop essential skills.

"It is a really important the ing

because it gives them practice doing actual things that computer scientists do all the time," Norton said. "It exercises problem-solving ability, even working together as a team."

Some coaches bring their students for exposure to more than just programming puzzles.

'We're a very rural county in Virginia, and we're not a very diverse group. So they come to events like this and get to see students from all around the country — a little bit of exposure," Samuels said.

The contest started seven years ago with only three teams competing. Since then the competition has expanded, with 50 teams participating in the HSPC for the last three years. Contest organizers had to cap participation due to limited resourc-

"The last several years we've stayed steady at 50 teams because U.Va. just doesn't have the computer labs to hold more teams at this point," Sanusi said.

Aaron Bloomfield, a professor in computer science at the University who serves as a faculty advisor for the event, said that the process is largely student-run. However, Bloomfield plays an important role.

"I help with some of the coordination; I think I provide some of the institutional memory from one year to the next." Bloomfield said.

The process of organizing the event starts in the fall. Organizers try to recruit an adequate number of volunteers, which Sanusi said was made harder because Hack.UVA was held during the same weekend this year.

The problems that the students

must solve have to be created months in advance. They are based off of the problems used for the International Collegiate Programing Contest. The scoring is based on the metrics used by the ACM-ICPC, Norton said.

"The U.Va. programming competition is a fun way for my students to showcase their programming talent and passion. It's also giving them an opportunity to work in ways that I can't challenge them," Samuels said, when asked why she brings her students to HSPC.



High school students raced to correctly answer the computing questions.

U.Va. hosts third annual major league hackathon

Grand prize of \$1,000 awarded to best overall project

HUMNA SHARIF | STAFF WRITER

The University hosted Hack. UVA, its fourth annual Major League Hackathon, on March 25-26. A top prize of \$1,000 was given out to fourth-year Engineering student Nipun Singh and Naman Singh, who is a senior at Westfield High School.

The team made Draw Platform, which is a game where users can draw the platform for a simple game on a paper, take a picture of it on their phone and upload it to a website. Then, using computer vision that game would render on the screen that the users can then play.

The prizes were handed out after students spent 24 straight hours programming to build and develop web or mobile application platforms from scratch.



This year, around 350 students interested in programming registered for the event. Most of the participating students were computer science or engineering majors, but the event also attracted other majors throughout the University interested in programming as a hobby.

Students from Virginia Commonwealth University, James Madison University, Virginia Tech and College of William and Mary also participated in the hackathon.

Hacking began at 2:30 p.m. on Saturday, March 25, and the Hackathon ran through to Sunday, March 26, concluding with the announcement of hackathon winners at 5:00 p.m.

Anthony Uitz, a fourth-year Engineering and College student on the Hack.UVA organizing team said the quality of the hacks has increased.

"In recent years, we have focused more on fostering the University of Virginia maker and entrepreneurial community," Uitz said. "While this has resulted in a slight shrinkage of attendance, the quality of the hacks and the overall smoothness of the experience has increased."

First-year Engineering student Renee Mitchell was among the students participating in the hack. She along with two other first-year teammates worked on building a better version of Hereford Residential College's student senate website.

Mitchell's team undertook this project to include more interactive features and tools on the college's website, and to make it more aesthetically pleasing.

The Hackathon was organized by the Engineering Student Council, in partnership with Major League Hacking and Hackerearth.

Major League Hacking representative Shy Ruparel said that although the University had reached out to MLH for help organizing the Hackathon, the event was entirely student run.

"I am just here to provide behind the scenes support and help where it is needed," Ruparel said. MLH also provided hardware for students, such as virtual reality

Arnim Jain, a third-year Engineering student and one of the event's organizers, said the purpose was to give students an opportunity to create.

"We wanted to give students a creative and dedicated time to pursue any ideas that in the past that they have wanted to build," Jain said. "The best part of Hack. UVA is the collaborative space."

Rohan Raval, a second-year Engineering student who is on the executive board of Hack.UVA, said they're hoping to expand in coming years.

The event has grown in the past few years but it's been hard to scale, so we hope to get a better venue next year so we grow it to many more people," Raval said.

Uitz said hacks in the past have ranged from a levitating magnetic speaker system to an automated bartender.

"As per every year, we hope all the participants feel like they have grown as entrepreneurs and makers, as well as have some top quality hacks and happy sponsors," Uitz said.

Students spent 24 hours competing to build the application platforms from scratch.

Indian Student Association hosts India Day

Event showcases varieties of South Asian music, visual performances

ANNA POLLARD | SENIOR WRITER



ALEXA PATEL | CAVALIER DAIL

A dance group performs during India Day.

The Indian Student Association hosted India Day — a three hourlong show to celebrate Indian and South Asian culture with performances by dance groups, a cappella groups and musicians representing different regions and styles - on March 25.

ISA President and fourth-year College student Priyal Gandhi said the event is open to both the University and Charlottesville community, and incorporates a variety of entertainment in the performance's

Gandhi said ISA formally hosts the event, but partners with other University contracted independent organizations to bring the performance together.

Many of the performances in the show were by University organizations such as Ektaal, Virginia Di Shaan, U.Va. Sharaara, U.Va. Hoo Raas, Aaja Nachle and Sitaare. The event also included a guest performance by musician Musical Avish.

'We partner with about eight to nine different CIOs to put the show on, [and] what it does to for us to come together is pretty incredible," Gandhi said. "Each CIO represents a different region or style of music or dance in South Asian cultures, so it is really nice to be able to bring those together in the same place, especially because our membership is religiously, culturally, nationally and regionally more diverse."

Suhani Sanghavi, ISA Culture Co-Chair and a second-year Engineering student, said India Day also serves as a platform to partner with ISA's charity groups - exercising one of ISA's purposes of ser-

"We have a lot of CIOs that work with us, and two of our main ones are our charity and service organizations that work with us every year — Asha for Education and Hera initiative are the two that we work the most with in terms of CIOs," Sanghavi said, "We try to identify their goals and align them with ours and what we want ISA to represent as a service organization."

The event was centered on the theme "Guess Hoo?", which invited attendees to participate in activities to help solve a mystery.

Sanghavi said increasing interaction between the audience and performers is something ISA improves on for India Day each year.

"We tried this year to make it an inclusive, dynamic event, but we always try to make it more interactive with the audience and having them fully engaged," Sanghavi said.

Gandhi said the theme was able to accomplish an interactive and narrative feel to the show, which was one reason why it was selected.

"Every year we have a lot of creative themes on the table, and this one had been floating around for a while, and we just hadn't gotten to it," Gandhi said. "The idea was that we could incorporate a story within the show, and the mystery really lended itself to that."

Gandhi and Sanghavi said they received positive feedback about this year's India Day from those in attendance and from members participating in the performance.

"People were saying it was one of

the best India Days — the show was very well run, the quality of performances exceeded expectations, the theme was great because we incorporated a mystery throughout our show and we are pretty well known around Grounds," Gandhi said.

'We got a lot of positive feedback in terms of the diversity of our acts, and every detail was carefully executed — our audience was a good mix of the community, parents, faculty and other students from other schools," Sanghavi said. "Coordinating it and seeing it onstage was one of the most rewarding experiences."

Sanghavi said India Day also serves as a symbol of unity within the University community and can impact students of all backgrounds.

We want to come together and show what the Indian culture means to us, what our heritage means to us, and we use India Day to express that," Sanghavi said. "I think [because] ISA is easily one of the biggest CIOs on grounds, if we can present a united response, that would mean a lot to the com-

Beloved environmental sciences faculty member dies

Professors share memories, warmly reflect on life of Arthur Schwarzschild

SPENCER CULBERTSON | STAFF WRITER

Environmental sciences research asst. professor Arthur Schwarzschild died the morning of March 15 of an apparent heart attack. Schwarzschild graduated from the University with a Ph.D. in Environmental Sciences in

Schwarzschild served as the site director at Anheuser-Busch Coastal Research Center in Oyster, Va., which is the facility that hosts the Virginia Coastal Reserve Long Term Ecological Research program.

"He ran the show. He was in charge of the physical plant; he was in charge of all of the scientific operations that went on there," said Aaron Mills, a professor of environmental sciences.

In addition to running the facility, Schwarzschild was very involved and played a central role in the research that happened there. This included a large seagrass restoration project that he pushed along by helping faculty and students with data collec-

"He played a very central role in the success of that project,"

Environmental Sciences Prof. Karen McGlathery said. worked with me and the students and the nature conservancy in a really large-scale project restoring sea grass out in that region and doing the long term monitoring of that.'

Environmental Sciences Research Assoc. Prof. Linda Blum said Schwarzschild was especially passionate about outreach.

"What Art was really good at was his outreach and education activities," Blum said. "So he was involved with the high schools and the middle schools and the elementary schools over on the eastern shore, trying to infuse more first-hand knowledge of ecosystems sciences to the kids at levels that were appropriate for them.

Schwarzschild was especially proud of a program he created in 2012 with Blum and artist Alice McEnerney Cook called Art and Ecology. The goal of the program is to "to facilitate this interaction between ecology and art," Blum

In the program, McEnerney

Cook leads local educators in painting or drawing workshops to get them to view the environment and then Schwarzschild would teach them ecology and show them ways to incorporate ecology into their art curricu-

"Art and science start with the same thing," Blum said. "They start with observation. And our end goal is the same thing — to communicate something.

By Blum's estimation, the program has reached over 43,000 students through the education of many teachers. The program will continue to operate even though Schwarzschild has

"He was a great story teller," McGlathery said. "I realized that when we went out on the boat the other day that I'll miss that. He really had a great way of communicating to people of all levels about why the coasts were important, why this big area, these coastal habitats meant a lot to the local economy and why science mattered."

Schwarzschild is survived

by his parents, Bill and Car-Schwarzschild, his two brothers, Edward and Jeffery Schwarzschild, and his longtime girlfriend, Emily Boone.

A memorial service will be held at the Anheuser-Busch Coastal Research Center on April 22 at 5:00 p.m.



Arthur Schwarzschild had a passion for promoting a love of science



Top 10 things to do in Charlottesville this spring

ABIGAIL LAGUE | FEATURE WRITER

1. Farm-to-Table Restaurant Week (April 10-16)

Tired of the "same old, same old" dining hall food? Of crying into a bowl of Newcomb's newest creation while imagining a French delicacy from Petit Pois? Well, there is a week out there especially for you: Farmto-Table Restaurant Week — do not confuse this with regular Restaurant

As a part of the Tom Tom Founders Festival, restaurants around Charlottesville will demonstrate why the city is a well-known foodie destination. Participating restaurants will feature special dinner menus that highlight local food producers and artisans as a part of the local food movement. This is your time to become a locavore — and no, I did not make up this ridiculous word.

2. The Hard Cider Run at Vin-

tage Virginia Apples (April 22)

One thing I hate about running is that the results aren't immediate. I don't suddenly have abs at the end of a brisk jog, so really, what's the point? Luckily for the alcoholic in me, The Hard Cider Run is coming up! The run takes place in an orchard, and at the end you're handed a complimentary glass of hard cider. Finally - a way to make sure I actually make it to the finish line! In addition to the cider, participants will receive a free t-shirt, a commemorative bib, a commemorative glass and a custom event medal — and they had me sold at the cider. Pro tip: the event is free if you sign up to volunteer beforehand.

18) and Cage the Elephant (April 24)

This is my chance to redeem myself after I missed every musical event ever ... although, let's be honest, I'll probably miss these too. For those who are less lazy than me — and also live under a rock and have not heard about it vet — the Chainsmokers and Cage the Elephant are coming to Charlottesville! If there was ever a time to drink excessively on a Monday and Tuesday, this is it. Then again, every four years, there's a Tuesday in November that definitely drives half the nation to drink ... but this is happy drinking. Not sad drinking. There is a very big difference.

4. Foxfield (April 29)

Ah, yes. Foxfield. The day when everyone dresses classy while simultaneously acting the least classy they've ever been in their entire lives. Many drunkenly stumble around with a red solo cup in hand while their friends remind them, "pinky up!" I once saw a girl puke in her hair and wash it out with beer. Another chose to use her floppy hat as a trash can ... is this something I can write about? It was hard enough to watch, I don't know if anyone should have to read this. But I digress. Ah, yes. Foxfield. Good times — although it may be better in hindsight.

5. Festival of Cultures (May 13)

This wonderful festival represents the three things that the University needs the most: free food, free entertainment and diversity. There will be tons of different activities and exhibits all day, as well as hands-on cultural crafts, music, dancing, storytelling, artisan vendors and so much more! Organized by the Charlottesville City Schools Adult Learning Center and many other local organizations, this festival is a great way for University students to engage in and learn about the community outside of the "U.Va.

6. First Fridays

For all of you art lovers out there so basically Art History and Studio Art majors ... maybe some A-School kids ... there's First Fridays! On the first Friday of every month, many Downtown galleries feature exhibit openings for free! Folk art, fine art, classical, contemporary, imports, local, they have it all! Well, I think so. I believe those are all the types of art. Also, many galleries serve light refreshments. So if you're feeling super classy, or really just feel like demonstrating your knowledge of art in a snooty way, head on down to First Fridays so you can shame your friends for their ignorance and put those art classes to good use! I once took an Aegean Art and Archaeology course. I may have to force some of my STEM friends to go, so I can prove I have basic intelligence.

7. Charlottesville City Market

On Saturday mornings from April to December, all of the obnoxious morning people pair up with the aforementioned locavores and head over to the Charlottesville City Market. I'm not going to lie, I've heard good things. The key word here is heard." I'm much too lazy to attend anything that starts and ends in the a.m. For those with greater willpower and a louder alarm clock than me, the Charlottesville City Market features over a hundred vendors who sell fresh produce, herbs, meats, plants, artisan crafts and baked goods. This tradition has been a part of Charlottesville since 1973 and is a great way to support local businesses. In fact, it's so integral to the community that I'm not sure if it's something you can miss out on.

8. Vineyards and breweries

Hiking is something I tend to enjoy in hindsight. I remember the sunrise of Humpback Rock with fondness and nostalgia. I remember Old Rag with pleasure. More importantly, there are things I don't recall with such clarity, such as the sweat, hyperventilation or ticks. Or sweat, I don't remember glaring at my friend's back because she hadn't yet broken a sweat while I was 50 feet behind wheezing like a hippo in labor. I don't remember that time I found a tick in my armpit. And I don't remember almost stepping on two separate snakes on the same trip ... okay, so maybe I do remember. And yet, why do I always want to go hiking again?

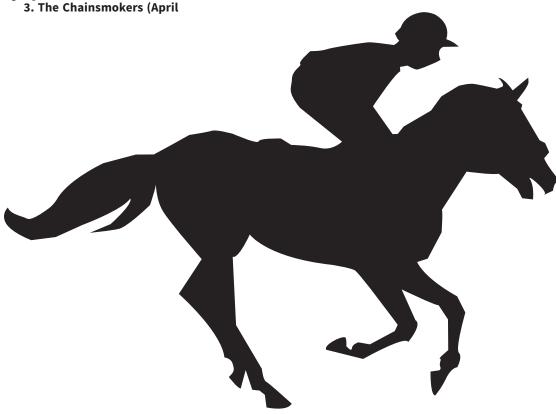
10. Night of drink



This is quite literally a given. All University students do is drink at various levels of classiness. This is the highest level of classy in which you will see a University student. The lowest is a student at Foxfield and the second lowest a student at a frat party. Either way, savor the moment. Savor the transient moment of classiness. Sure, you may have to put up with a lot of group photos, selfies and girls taking pictures of their wine before they take a sip, but enjoy the moment. For soon, the belligerent drunk shall return.

9. Hiking

This is a weekly festival that takes place Thursday, Friday and Saturday nights. Most University students participate in it. The students will go out to bars, attend apartment parties, frat it up and then feel awful the next day while regretting everything they said and did between the hours of 10 p.m. and 3 a.m. This tradition has been going on since the University's inception. The event has never been formally organized, and yet students are aware of it and participate. They somehow all know which bars to go to without having sent or received a memo. Amazing!



CINDY GUO AND ZI YANG | THE CAVALIER DAILY

Blueprint members organize safe sex pledge

Student leaders promote conversation on sexually transmitted diseases

LUCY HOPKINS | FEATURE WRITER

Sex is something often associated with college — this connection is facilitated not just through movies and television shows, but also through the widespread use of apps like Tinder, Grindr and Bumble. Hookup culture, however, comes with a higher risk of encountering sexually transmitted infections.

One in four teenagers contracts an STD or STI every year. Additionally, fewer than one-third of U.S. physicians reported regularly screening patients for STDs and STIs. Statistics like these are the reason why students like first-year Nursing student and Blueprint member Julia Whitehead think safe sex is an important issue.

"Because there's such a prevalent hookup culture in major university communities such as U.Va., it's really important that we not only emphasize safe sex but also what can come afterwards," Whitehead said.

Whitehead and several other students are trying to destigmatize people getting tested for STIs through Blueprint, a leadership program at the University. Blueprint is an appli-

cation-based group that aims to impart leadership and communication skills, especially in first-years, second-years and transfer students.

"There was an application process

in conjunction with that, we were paired off into groups of about 10 and asked to find something we were all passionate about, that we could all agree needed to be changed in the

like to, so long as they do so with approval from a peer leader in the program.

"We [are] trying to end the stigma around people getting tested for major and Blueprint member Sophie Wilson said. "We want people to understand that it's okay and something they should support people to do it if they need to."

The group's main goal with their pledge is to spark a dialogue about sexually transmitted diseases and what constitutes safe sex. The group made a digital form of the pledge available via Facebook the week of March 19 and a tabled on the South Lawn on March 23 and 24. They ended up getting about 200 students to sign their physical pledge - a total which climbed even higher when combined with the pledges made online. The group felt that a successful pledge campaign for them would result in 100 students signing the pledge to practice safe sex and support those who think they might have an STI.

"Our original goal was to get like 100 people [to sign the pledge]," first-year College student Jacob Libby said. "But even if we got just one person thinking about it then we've made some sort of change and that's all we



COURTESY UNIVERSITY OF VIRGINIA

Blueprint members organize project to destigmatize STI testing and promote safe sex.

that we all went through last semester and now we've been in it for eight weeks," Whitehead said. "Every week we've had a different speaker ... and

U.Va. community."

Students are allowed to work towards fixing any problem in the University community that they would STIs because of the negative connotations surrounding that, even though it's very important to go do," second-year Biomedical Engineering

Women's Center celebrates International Women's Month

Students host various events around Grounds honoring women, celebrating their accomplishments

GRACE AMOROSI | FEATURE WRITER

This past week, the Maxine Platzer Lynn Women's Center at the University honored women and their achievements, especially women who have attended the University, through their celebration of International Women's Month.

The Women's Center hosted three events: tabling on the Lawn, international women's trivia night at Mellow Mushroom and a screening of "He Named Me Malala" to celebrate International Women's Month. Augusta Durham, Courtney Morgan and Layaly Ahmad, the three interns working in the Women, Girls, and Global Justice department of the Women's Center each planned and coordinated one of the events.

Augusta Durham, a second-year College student, planned the tabling booth, Courtney Morgan, a fourth-year Batten student, planned trivia night and Layaly Ahmad, a fourth-year College student, planned the screening. Kimberly Smith, Program Coordinator for the Women, Girls, and Global Justice department at the Women's Center and Education

graduate student, oversaw the events.

While tabling, Augusta gave out black and white buttons with the faces of inspirational feminists, men and women, for students to put on backpacks and bags. The buttons included the faces of Barack Obama, Beyoncé, Serena Williams and Emma Watson. The interns created a flyer with short biographies about women who graduated from U.Va., including well-known women such as Tina Fey and Katie Couric and also other, lesser-known women like Sasheer Zamata, Morgan Brian, Margot Lee Shetterly and Valerie Ackerman.

"The buttons are really important," Smith said. "Even yesterday when I was in class, a guy in my program asked what the button was for. I was like, 'Well actually, we made it in the Women's Center to celebrate women and people that have made a stance against something oppressive.' It was spreading the word and being that uplifting presence on campus in a simple way."

The booth also facilitated

immediate, personal interaction with International Women's Month.

"The booth I found particularly inspirational because, especially with the poster of people writing down what women inspire them, it gets people thinking about the women in their lives and how amazing they are and all the things they've done. It brings them to the forefront of their mind," Durham said.

Trivia Night at Mellow Mushroom is a long-standing, Wednesday-night tradition at the University. The Women's Center took advantage of its prominence to host a trivia night featuring questions about the history of international women and their accomplishments.

Prizes were offered for first, second and third places. The Women's Center partnered with PAKA, a nonprofit organization for women in Peru, to offer four "40 percent off" coupons for the alpaca sweaters created by women in Peru as prizes.

Finally, the Women's Center hosted a screening of "He Named Me Malala." Malala's story and the movie spoke to different levels of feminism and international women's issues, touching on women of color, activism, social justice, education, age and promoting change.

International Women's Month means something different to everyone and can be celebrated in many ways.

"What I find most inspirational about International Women's Month is celebrating inspirational women around the world and seeing the impact that they have because, a lot of times, I feel like women's accomplishments and what they do are not brought to the forefront," Durham said, "It's mostly men, especially white men. For example, Martha Jefferson essentially ran Monticello, not Thomas Jefferson. His daughter ran Monticello, but you never find out these things. And that's why International Women's Month is important to me, because it brings women to the forefront of the conversation and makes their voices and their accomplishments heard, which further inspires the women below them."

Yet the impact and celebra-

tion of International Women's Month does not stop with the conclusion of the Women's Center's planned events.

"Any time your friend has an accomplishment, be proud of them, don't be jealous and be like 'Oh I wish I had gotten that," Durham said. "Bring people up. If you get a grant or something like that, give people tips. If a girl comes to you asking, 'How did this go? How did you do that?' take the time to help other people, because you didn't get here alone, you never did."

Celebrating women and their accomplishments can occur through everyday behavior.

"Getting to know the women who have done amazing things, that's a way to celebrate women. Study history. Study women's history because the history you learn in school is not women's history, it's not. Bring them out of that invisibility and lift them up, and by lifting them up, you'll lift yourself up too," Durham said.

A night out at Lampo Neapolitan Pizzeria

Italian dining experience offers more than just tasty pizza

JAMIE ALBERT | FEATURE WRITER

Restaurant: Lampo Neapolitan Pizzeria

Location: 205 Monticello Road, Charlottesville, Va. 22902 (right near the Grave Street/Monticello Road in-

Type of food: Italian (specialty in pizza)

Who doesn't love an impromptu European getaway? While driving 10 minutes off Grounds to Lampo isn't exactly the same as flying across the world to Rome, I do highly recommend dining at Lampo Neapolitan Pizzeria if you're looking for a slightly more authentic Italian dining experience.

A die-hard Mellow Mushroom fan once said to me, "of all the pizza places in Charlottesville, Lampo is the absolute best." This comment intrigued me, and I had to check out Lampo for

After dining at Lampo, here are my



AMBER LIU | THE CAVALIER DAILY

THE BREAD AND OLIVE OIL ... SIMPLE, BUT YUM.

To kick off our meal, my friends real, at home I would have just been the entire menu for us. lazy, eaten the bread plain and called it a day).

ITALIAN WORDS ON THE MENU.

Any frustration this could have and I ordered bread and olive oil for caused was quickly offset by the playthe table. As uncomplicated of an fulness my friends and I found in atappetizer as it was, it was an amazing tempting — and failing miserably way to kick off the meal. The bread to pronounce the words. After several crust's perfect crispiness definitely minutes of trying to use memories of differed from my store-bought bread long-forgotten high school foreign at home. And sopping up the olive oil language classes to analyze these with the bread (and sprinkling some words, we finally succumbed and salt on top) just gave it all a nice little asked our waitress for help. Luckily, Mediterranean twist (because let's be she was more than willing to translate

THE ADORABLE OUT-**DOOR PATIO.**

The five of us sat at a table on Lampo's small outdoor patio. It was so tranquil, with the night breeze rolling in and the dim lighting dark enough to set the mood but definitely light enough to see one another and, most importantly, see the food.

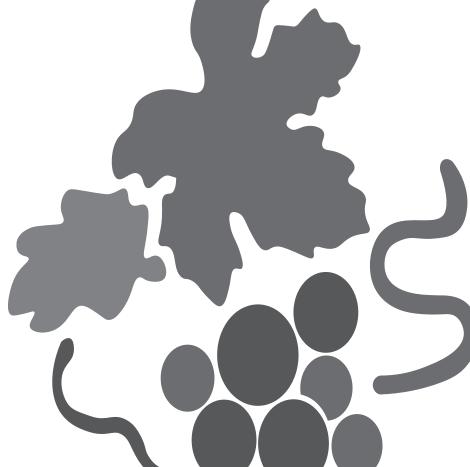
THE SCISSORS.

So, the pizza pies are served whole; they are not pre-sliced like the pizzas at Mellow Mushroom and Crozet Pizza. This is the way in which an authentic pizza in Italy is served; whole, uncut and with the most intense and awesome pair of pizza-cutting scissors you could ever imagine. I'm an easily excitable person, that's a fact. But I do think there's something to say about these pizza-cutting scissors and the thrill they add to the Lampo dining expe-

THE CHEESE-TO-BREAD RATIO. I love cheese, I love things smothered in

cheese, and I normally don't ever believe that an upper limit of cheese should exist for any dish. However, I actually did enjoy how Lampo's pizzas were

not absolutely covered in cheese. My funghi pizza pie's crust was delectable and the mushrooms and aioli sprinkled on top were so rich, it would have been a shame if their flavors had been masked by cheese.



ERIC DUONG | THE CAVALIER DAILY

THE FACT THAT AFTER THE MEAL, I FELT SATIS-FIED BUT NOT STUFFED.

I won't lie; I could have gone for dessert after the meal (but nobody else at the table wanted dessert, so I didn't want to make them sit rim at all.

there and watch me eat it). The meal was filling, and I definitely got a proper bang for my buck, but I didn't feel stuffed to the

I suggest putting Lampo on your radar if you're looking for a tranquil yet pleasant dining experience. Be it a large birthday dinner, a casual group outing or a post-finals celebratory meal, Lampo is an ideal destination.



The wave of transfers last week caught most Virginia fans by surprise. Guards Darius Thompson and Marial Shayok will be departing along with forward Jarred Reuter. All this came days after Bennett announced forward Austin Nichols would indeed not return to the team next season.

What was originally a oneman class — guard Marco Anthony took London Perrantes' scholarship - now has four openings. All of a sudden the Cavaliers have a plethora of options to fill its 2017-18 roster.

One person who knows this better than anyone is the mind behind Hooz Got Next (@ HoozGotNext). The Twitter and Facebook accounts were started about five years ago by a lifelong Virginia fan who noted Coach Tony Bennett's rebuilding cycle and began following the team's recruiting cycle to gain better understanding of the program.

Aided by Twitter to instantly and easily obtain information, Hooz Got Next became a quasi-expert in all things Virginia basketball recruiting. The person behind the account chose to remain anonymous for this

"Some guys golf, others fish, I follow U.Va. basketball recruiting," Hooz Got Next said. "It's given me a much greater appreciation for Coach Bennett and the program [as a] whole. You'll find no better insight into a coach's character than following

TALKING MEN'S BASKETBALL WITH HOOZ GOT NEXT

their recruiting tactics."

The Cavalier Daily spoke with Hooz Got Next to discuss the upcoming offseason for the Virginia men's basketball team.

Robert Elder: Last week, we officially found out Virginia has four scholarship openings for next season. Do you think the team will have trouble filling all of these spots given the short

Hooz Got Next: Yes, I do. But I don't believe it's necessary to fill them all. Tony likes 11 active players ideally, 10 is acceptable. We currently have nine. So it's important to add at least one ready to contribute player, two if possible.

RE: With guards Marial Shayok and Darius Thompson gone, what roles do you anticpate for DeAndre Hunter and Marco Anthony next season?

HGN: A big role for DeAndre [Hunter]. He gives us something we lacked last season, an explosive wing with enough size to play small ball four. That's key in the era of spread four-out sets. Marco [Anthony] now has an opportunity as well. I don't expect his minutes to be big, but he needs to be ready to contribute as well.

RE: What split of the open spots do you think Virginia will fill with high school recruits or transfers?

HGN: I don't see the split as high school [versus] transfer, but more as redshirt candidates versus ready to contribute. Ideally, U.Va. will add two ready-to-contribute players. They could be [graduate] transfers or 2017 recruits. The other two spots will be used much more selectively, available to non-graduate transfers or potentially high school

seniors who could benefit from a redshirt year.

RE: With Michael Porter Jr. heading to Missouri with his dad, are there any notable high schoolers Virginia fans should keep their eyes on for 2017?

HGN: Possibly Clifton Moore, a forward previously signed at Indiana. Less likely is Tremont Waters, a point guard previously signed by Georgetown. It's still very early in the late recruiting cycle. As coaching changes are made, more class of 2017 players will de-commit. We'll see who Virginia chooses to pursue as those players become available.

RE: What about transfers? Do you see any future Cavaliers on the market?

HGN: Again, still very early. Noah Dickerson and Steven Enoch, both big men transferring from Washington and UConn, respectively. Both were recruited to some extent by U.Va. originally, [and] each would need to sit and then have two years [of eligibility] remaining. There have been just over 200 Division I transfers as of today — expect that number to top 800.

RE: Do you think Virginia's need to fill spots for 2017 will affect the time Bennett can focus on the 2018 class this sum-

HGN: No, I don't think so. They're way ahead for 2018 in terms of relationship building. It shouldn't be an issue. I do believe the staff will be mindful of the impact these late additions could have on their 2018 efforts. It's why a graduate transfer guard makes a great deal of sense for us next season. The biggest need right now is another ball handler — a Thompson

replacement. We seem to be in good position with 2018 guards, so having a one-year player to simply bridge the gap is the ideal play.

RE: With exception of the 2016-17 freshmen, Bennett's past few classes have underwhelmed. What do you think went wrong with some of these classes?

HGN: I tend to look at it from the other perspective, what went right in 2016? Nothing about Virginia's tactics changed, and they still haven't. What happened in 2016 was Tony [Bennett] was able to land his first choices. Four of the five-man class were sealed before ever making it to their final July AAU live periods, the players most active time for evaluation and offers. What fans need to realize is U.Va. did not get commitments from top 50 recruits. They landed commitments from players who eventually became top 50 recruits. Bennett struck early, finding great fits before most coaches ever saw those players. It was truly his masterpiece.

RE: Tony Bennett has received lots of criticism lately from both fans and the national media for the team's slow pace. Has his style hurt him on the recruiting trail in landing top prospects?

HGN: Sure, with some. It's also helped with others. Kids and those advising them are much more savvy than most realize. They want a system and a culture where they can fit and have an opportunity to excel. Overall, pace of play has little impact on recruiting. Style of play, on the other hand, does. Playing in a more spread-style offense would

help tremendously, and I do believe that's the direction Bennett is heading with an emphasis on shooters, multiple ball handlers and big men who can stretch the

RE: Looking ahead to the class of 2018, what are some recruits Virginia fans should keep an eye on?

HGN: As I like to say, 2018 is the new 2016. It's absolutely crucial to the program's longterm trajectory. Jahvon Quinerly is the top target on the board. The Jersey point guard is like London Perrantes with wiggle special talent. Brandon Slater, the lean athletic wing from Paul VI High School in Fairfax [Va.]. Jalen Smith, a big man from Baltimore, could be a future ACC Defender of the Year. Keldon Johnson, [a] Virginia native who lights up the scoreboard at Huntington Prep. Musa Jallow, a powerful wing from Indiana. I could go on. Virginia has already extended over 20 offers.

RE: Virginia seems to be at an inflection point with Bennett, with the next two classes determining whether the Cavaliers will stay at the top of the ACC. What do you see as the future of the program?

HGN: As long as Tony Bennett is at the helm, Virginia basketball is in safe hands. These are the good ole days, enjoy

ROBERT ELDER was the 127th Sports Editor for The Cavalier Daily. He can be reached at r.elder@cavalierdaily.com or on Twitter at @R_F_D_E.

Softball gets swept by Florida State

Virginia hosted conference leader Florida State in a weekend series and was unable to put an end to Florida State's undefeated record in ACC

The first game between the teams resulted in a 13-1 win for the Seminoles (32-1-1, 10-0 ACC).

Despite only collecting one run, the Cavaliers (11-20, 2-10 ACC) managed to get seven hits against Florida State's senior pitcher, Jessica Burroughs — one of the best pitchers in the nation. Senior second-baseman Madison Labshere led Virginia's offense with two-for-two hitting, recorded her fifth double of the season and scored the lone run for the Cavaliers. Senior catcher Katie Park also played a big role for the Cavaliers' offense, getting two hits and tallying up her 13th RBI of the season.

Meanwhile, Florida State's offense generated just a few bursts of runs. The Seminoles collected three runs in the second inning, six runs in the third and four runs in the fourth in-

The next day, Florida State clinched the series and kept Virginia scoreless with an 8-0 win. Although sophomore pitcher Meghan King was able to keep the Cavaliers off the scoreboard with strong lefty pitching for five innings, the Cavaliers managed to get six runners in scoring position. Park led the way for Virginia's hitting, going two-for-three on the

Most of the runs for the Seminoles came from a four-run inning in the third. Florida State finished the day with seven hits and eight walks.

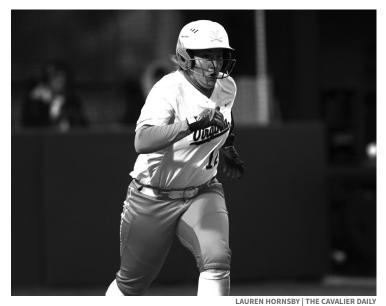
With the series already decided,

Florida State put together the sweep with a 10-0 win Sunday. Burroughs pitched for the Seminoles again, and was able to out-do her solid performance in the first game of the series by not giving up a single hit, allowing only two base-runners and recording 11 strikeouts.

Florida State jumped to a quick lead from a three-run homerun in the first inning, and collected three more runs in the second inning. After one more run in the fifth inning and three runs in the sixth inning, the game ended on the run rule.

Virginia now faces a series of games on the road, beginning with a doubleheader at Longwood Tuesday. The Cavaliers next home game will be April 12 against Liberty.

— compiled by Emma D'Arpino



Senior catcher Katie Park picked up two hits and an RBI in Virginia's loss Friday.

Men's tennis picks up pair of wins

Cavaliers cruise past Duke in first outdoor home match of season

EVAN DAVIS | STAFF WRITER

The No. 2 Virginia men's tennis team beat NC State and Duke over the weekend in dominant fashion. The team topped NC State (10-10, 1-4 ACC) in Raleigh Friday, 7-0, and won by the same margin Sunday against Duke (10-7, 3-3 ACC) in front of a sizeable home crowd at Snyder Tennis Courts.

Virginia (17-0, 4-0 ACC) wasted no time in its match against NC State. After quickly picking up the doubles point, the team won five of the six singles matches in straight sets. Freshman Aswin Lizen lost his first set to Ivan Saveljic, but came back to win the second set and ultimately took the match after winning a tiebreaker in the third. Lizen's win completed Virginia's sweep over the Wolf-

Duke came to Charlottesville Sunday to square off against Virginia in the first home outdoor match of the season. Virginia took the doubles point — thanks to the teamwork of senior Thai-Son Kwiatkowski and junior Alexander Ritschard — and carried momentum over to singles play, where each player won in straight sets. Due to an injury-ridden Duke team, Virginia took one doubles match by default, and only had to win one other doubles

match to get the point.

Ritschard, senior J.C. Aragone and junior Collin Altamirano each won their matches with little drama. After the matches ended, all eyes were on Kwiatkowski's contest against Duke's freshman Spencer Furman. Kwiatkowski won the first set 6-1, but got a fight out of Furman in the second set. Furman forced a tiebreaker but eventually Kwiatkowski came out on top, winning the tiebreak-

Kwiatkowski was satisfied with the team's effort against a talented

"Every ACC match is tough. Every team can play really, really well," Kwiatkowski said. "Duke's a really good team, and I was happy with how we played in the doubles to start the match. And when you have good energy in doubles it usually carries over into singles."

The home atmosphere at Snyder helped give Kwiatkowski the edge when it came down to the final set.

"As a senior, I only have so many matches left here at Snyder, and I think Snyder is one of my favorite places to play tennis," Kwiatkowski said. "We had a pretty good crowd for our first match and they were behind me ... And

it's just really nice to have that home crowd support and we're really grateful to our fans."

An injured Duke team came to town with only six healthy players, and senior T.J. Pura got hurt while warming up for doubles, putting Duke at a huge disadvantage. The injuries meant only four singles games were played.

Virginia Coach Brian Boland commented on the importance of health throughout the season.

'We want to continue to stay healthy," Boland said. "We've been nicked up a little bit as well at times. It's a long season. Carl's been out now for a while and it's day-to-day right now so we're hopefully looking forward to seeing him soon ... Taking it a day at a time and focusing on getting better."

The win keeps Virginia undefeated on the season — with 11 of its 17 wins as sweeps. As the team heads into more ACC play wins will not be easy to come by, but the team is angling to play their best tennis come May.

"I believe we're getting better with each match," Boland said. "And certainly I've seen the guys improve as competitors throughout the year and we just need to concentrate on continuing to play



RICHARD DIZON | THE CAVALIER DAIL

Senior Thai-Son Kwiatkowski won his doubles and singles match against Duke Sunday.

good doubles and focus on a day at a time the rest of the season, starting with our next match."

Eight matches remain in the season before the team heads to the ACC Tournament in late

"We're just working on all the little things to make sure that we peak in May," Kwiatkowski said.

"[We are] working extra hard on the fitness now so that come May we can play four or five matches in a row, which is what the NCAA's are all about. The season

The team returns to action Friday at 4 p.m. to take on Wake Forest in Winston-Salem, N.C.

Baseball takes two of three against Duke

Virginia wins first ACC series of season

ALEC DOUGHERTY | SENIOR ASSOCIATE

The Virginia baseball team won its first ACC series of the year against Duke, winning the final two games of the set after dropping the first one.

Though the Cavaliers (19-6, 4-5 ACC) got the series win against the Blue Devils (13-13, 4-5 ACC), the set could not have started out worse for Virginia. Duke blew out the Cavaliers 19-3 in Friday's matchup. The Blue Devils got on Virginia sophomore starter Daniel Lynch early and often, plating 10 runs on 12 hits during Lynch's 2.1 inning outing.

Virginia got three runs back in the following innings, one off the bat of junior outfielder Adam Haseley, who cranked his eighth home run of the year. The back end of Virginia's bullpen collapsed in the final three innings, allowing eight runs to put Duke ahead with an insurmountable lead. The game was by far Virginia's worst pitching performance of the season, allowing a whopping 26 hits. The Cavaliers did not fare much better at the plate, only mustering three



Senior long reliever Alec Bettinger struck out five and picked up the win Saturday.

runs against junior starter Mitch Stallings over his seven quality in-

Nothing went Virginia's way in Friday's affair, but the Cavaliers rebounded nicely with a win on Saturday afternoon. The Cavaliers started rolling on offense from the get-go, plating eight runs in the first three innings, including a six-hit, four-run third inning that made Duke call the

The Blue Devils would not go quietly, though, scoring six runs in the fourth inning to bring them within two runs. Coach Brian O'Connor yanked sophomore starter Evan Sperling from the game and brought in senior long reliever Alec Bettinger to stop the bleeding. Bettinger did that and more — after allowing the final run of the fourth inning he shut out the Blue Devils in 5.1 innings of relief. Bettinger picked up the win, striking out five and lowering his ERA to 1.52. Junior designated hitter Charlie Cody and junior first baseman Pavin Smith added two-run homers in the final innings to lock up a 13-6 bounce-back win for Virginia.

That was a great response by our ballclub," O'Connor said. "I was excited to get to the ballpark today and see how our club would respond to a defeat like that. I was really proud of our guys that we came out ready to play and there was a lot of energy. It was a huge bounce-back game and hopefully we can respond again to-

The Cavaliers locked up the series win Sunday with another 13-6 victory. Haseley started the game for Virginia, and Duke was quick to jump on him, scoring three runs in the first inning. The Cavalier bats responded with a five-run bottom of the first to take the lead. Haseley settled down from there, only allowing one more

run in six innings and helping his own cause with a two-run single in the bottom of the eighth as part of a six-running inning. Junior closer Tommy Doyle pitched his second two-inning save of the week, striking out four Blue Devils to earn his sixth save of the season.

The Cavaliers earned their first series win in the ACC, avoiding dropping its first three series of the season.

The first ACC series win was big for us," O'Connor said. "It wasn't how you would draw it up, getting beat like we did on Friday and then to come back and win the last two like we did, but I think there are good lessons there that our guys are learning. I thought the last two days our competitive spirit was better than it had been in some of the previous games."

Virginia will hit the road Tuesday to take on in-state rival VCU for its next matchup. The Cavaliers will then host Louisville at Davenport Field for an ACC showdown next weekend.



COMMENT OF THE DAY

"I think the writer makes a good point. Without the structure given by the College's area requirements, a student could easily miss out on an unknown passion."

"Cameron Proctor" in response to Charlotte Lawson's March 20 column: "Echols program defeats purpose of a liberal arts education"

LEAD EDITORIAL

Fostering entrepreneurial growth at U.Va.

The Lighthouse offers important collaborative space for student entrepreneurs

he University recently celebrated the opening of the Lighthouse, a repurposed storage room in Thornton Hall. The Lighthouse will serve as the new home of Works in Progress, a program backed by the Department of Engineering and Society which aims to bring undergraduate student entrepreneurs together and support their business endeavors. The program, which dedicates the room to "those who are seriously working on their [entrepreneurial] project," is a demonstration of the University's commitment to promoting a strong entrepreneurial environment for students regardless of their majors.

Initiatives such as Works in Progress are key in fostering a rich atmosphere for student entrepreneurs at the University. The program offers students an opportunity to network and engage with like-minded fellow entrepreneurs. Last June, Charlottesville was ranked No. 4 on Entrepreneur magazine's list of the 50 best cities for entrepreneurs. More recently, the National Venture Capital Association named Charlottesville the fastest-growing venture capital ecosystem in the nation, a designation driven in part by the University's investments in entrepreneurial students, programs and faculty.

Efforts to foster the spirit of entrepreneurship in the University community are also present inside the classroom. In 2015, the University announced the launch of a new undergraduate minor in entrepreneurship. The minor, offered by the Commerce School, is open to every student and is a collaboration with six schools at the University. In addition to these academic resources, there are a number of organizations on Grounds which offer collaborative support and training for student entrepreneurs. These groups, such as HackCville, act as a platform for student ideas and help prepare students to become business owners. Although the entrepreneurship scene for University students had definitely been strong before the program, there was room to improve. Program Director Alex Zorychta, a 2013 University graduate, stated that "entrepreneurs at [the University] felt isolated." After conducting over 500 interviews with interested students, Zorychta found students desired more points of contact who could help their businesses overcome obstacles. With a new space to meet, make plans and find ways to solve world problems, student entrepreneurs will have an opportunity to speak openly about setbacks and foster a strong spirit of collaboration.

Student entrepreneurs have often relied on coffee shops and personal spaces such as apartments to meet. The Lighthouse provides a dedicated place for student start-ups to collaborate and foster new ideas. With the opening of the Lighthouse, the University has begun to effectively address a prevalent problem for student entrepreneurs.

THE CAVALIER DAILY

THE CAVALIER DAILY

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THE REALITY OF SOCIAL MEDIA ACTIVISM

Local messages require a high level of interest before ever becoming national news stories

ast week, The Cavalier Daily's Editorial Board argued in favor of social media as a way to make causes visible for social activism. The board asserted that social media "expediently disseminates information and effectively unites people for a single cause. This argument is valid, but the board greatly overestimates the impact of social media as a singular tool for change. Though it is a tool that can bring citizens together, it is not an omnipresent way to automatically start a social movement. Additionally, the board championed social media as a way to turn "local news into global news." By presenting an overly broad argument about the effects of social media on activist movements, the board undercut the complexity of activist movements and overestimated the ability of the average person to make change using social media.

The assertion that social media can turn local news into global stories, while valid, is grossly overestimated. Social media websites can reach large groups of people particularly when posts are actively spread - but they can also be a wasteland where interesting news and important issues are hidden amongst memes and cat

dered ineffective without active users sharing posts from person to person. Though the platforms represent a way for citizens to assert their beliefs and advertise for events, movements can be stunted before they get off the ground if they do not inspire immediate interest from users. One of the biggest misconceptions about social media platforms is that they reach all users around the world and are the easiest way to unite all citizens for social movements.

The board uses recent social

protests in the Charlottesville community as evidence of social media's influence, but they ignore the relatively small scope of that success. Given the connections between University students and Charlottesville residents — including news organizations, social media platforms and social groups — social media platforms do not represent the sole method of organizing. Additionally, though this example demonstrates the positive effects of social media on protesting and activism, the success is contained in a very small area. The organizing power in a small community is certainly commendable but, on a national or international scale, social media is not always as effective as the board asserts.

Social media sites have been given credit for much of the success of the Arab Spring revolusocial media sites. Average citizens did not have the connections to social media which Americans believe they did.

Additionally, social media ac-

The assertion that social media can turn local news into global stories, while valid, is grossly overestimated.

tions in the Middle East but, in truth, few of the citizens of these countries had access to social media platforms. In Western countries, there is often an assumption that social media sites are as widely available around the world as they are in the United States and Europe, but in countries with repressive governmental struc-tures, social media platforms are frequently either banned or out of reach to citizens financially. In an interview with protesters years after the Tahrir Square demonstrations in Egypt, most cited community groups and mosques as major organizing vehicles for the demonstrations, rather than

tivism has given rise to the hashtag activism movement, which falls prey to many of the same issues plaguing generic social media activism. Hashtags do represent a uniting factor and a method through which people can communicate with others who have similar interests, but as some activists have noted, nothing is accomplished with just a hashtag. The hashtag must be powerful enough to mobilize large groups of people and, without other resources, it can be difficult to make change. The influence of social media relies heavily on the existence of outside organizational factors, which are ignored by the board. Change does not come with a single keystroke.

Based on the Editorial Board's argument, it seems any college student could start a social movement through the use of social media. Ultimately, though, social media platforms have little reach without preexisting networks of motivated people who want to make change. Especially in countries where repressive governments control media systems, social media lacks the impact which Western leaders assert it has. Furthermore, without a high initial level of interest, local messages can never become international news stories. Social media platforms represent a tool for people to create change but the change is highly overestimated. Though these platforms are a simple way to transmit messages, the ability to reach large, diverse audiences is limited and many more tools are needed to create a successful social movement.

CARLY MULVIHILL is the Senior Associate Opinion Editor for The Cavalier Daily. She can be reached at c.mulvihill@cavalierdaily.com.

EVALUATING THE FUTURE OF THE COMMENT SECTION

There are a variety of factors to consider when deciding whether to preserve the online comment section of The Cavalier Daily website

Are online comment sections a thing of the past? Should they be? The debate about online comment sections has carried on for the past several years. Originally, online comment sections were an effective way for the public to share their opinion about news articles and have informed discussions about current events in real time. Opponents claim that comments are often vulgar, offensive or simply irrelevant. These comments may sway others' opinion about a piece or provide information that is not factual. While many news sources moderate online comments such as Fox News and The New York Times, others have phased out online commenting entirely. News outlets such as CNN, Reuters and Popular Science have scaled back or eliminated their

comment sections altogether.

There are two main factors The Cavalier Daily should consider when deciding whether to

amount of meaningful commentary is now provided on social media platforms such as Twitter or Facebook.

When The Cavalier Daily rolls out its new website it may choose to alter or eliminate the comment section.

eliminate or reform their comment section. Firstly, the anonymous and unrelated nature of many online comments might be harmful to the newspaper. Readers may be heavily influenced by comments and believe that the comments are more representative of public opinion than they actually are. In addition, a great

The second factor is related to the commenting system called Disqus; this system generates revenue by including clickbait and celebrity news on the website. These odd advertisements, which have been mentioned in a previous column, generally detract from the overall credibility of The Cavalier Daily. Unfortunately, the staff does not control the content of these ads. If the paper continues to use this service, the ads will persist.

When The Cavalier Daily rolls out its new website it may choose to alter or eliminate the comment section. The New York Times has a method of vetting commenters and labeling them as "verified." These individuals are able to comment without moderation. If this method is too time consuming or costly to implement, there are other ways to amend the system. The Cavalier Daily could permit Facebook users to comment on articles from their accounts. Some news sources also limit comments to a certain time frame after an article is published.

It is also worthwhile to heavily consider eliminating the comment section altogether and

getting feedback from readers through other sources such as letters to the editor and commentary on social media sites. Whichever decision The Cavalier Daily ends up making, it will be necessary to implement the new policy with a great amount of transparency. Giving readers information up front, and providing strong reasoning for updating the comment policy will be vital. Additionally, readers should know and understand which mechanisms they can use to provide feedback to authors.

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cavalierdaily.com



EVENTS

Chi Alpha Presents: Is Christianity Inherently Arrogant? A Discussion on Pluralism, 8-9:30pm, Old

Music Arts Board Presents: Master Class on Production & Beat-Making with 9th Wonder, 4-5pm, Open Grounds

Music Arts Board Presents: Student Music Feedback Session 1 with 9th Wonder, 8pm, Open Grounds

Batten Hour: Managing an International Development NGO, 11:45am-12:45pm, Batten School

Tuesday 3/28

Music Arts Board Presents: The Art of DJ-ing with 9th Wonder, 4pm, Open Grounds

Econ Club Course Panel, 6:30-9:30pm, Economics Club (120 Monroe Dr)

Music Arts Board Presents: Student Music Feedback Session 2 with 9th Wonder, 8pm, Open Grounds

Wednesday 3/29

Women's Lacrosse vs. Oregon, 7pm, Klockner Stadium

Phi Alpha Delta Presents: International Law Panel, 6-7:30pm, Nau 211

Creative Writing Presents: David Kirby Poetry Reading, 5-6pm, UVA Bookstore

ESC Presents: Stem Trivia Night, 6:30-9:30pm, The **Biltmore**

WEEKLY CROSSWORD

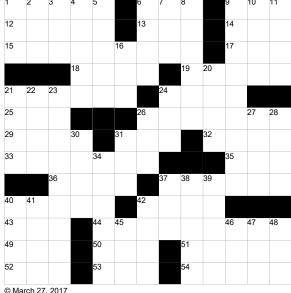
SAM EZERSKY | PUZZLE MASTER

ACROSS

- 1. With 54-Across, 31-Across option for getting from UVA Hospital to U-Hall
- 6. TV channel with an eye in its logo
- 9. Closest pal, in texting shorthand
- 12. Prefix meaning "thousandth"13. Drink mixed with Coke
- 14. WWW address
- _ Shuttle, 31-Across option for getting from Central Grounds to U-Heights
- 17. Large, blue body?
- 18. Little Bo
- 19. Flat-screen variety, briefly: 2 wds.
- 21. Catholic clergyman 24. Unfocused photo's problem
- 25. Attila, for one
- 26. Farm outing on a tractor
- 29. Holiday and Comfort
- 31. Org. that gets you to where you need to go at UVA
- ...and they lived happily after"
- 33. Habitual doubter
- 35. Giants QB Manning
- 36. Like a short line to the dumpling cart, say
- 37. Guide containing grading criteria
- 40. 2014 film about the Southern voting rights marches
- 42. Chain that rivals Panera
- 43. Kanye West has a huge one
- 44. 31-Across option for getting from Barracks to Darden: 2 wds
- 49. "A long time ____ in a galaxy far, far away..."
- 50. Status _ _ (current condition)
- 51. Digital library download: Hyph.
- 52. Janitor's item
- 53. Sample a drink, maybe
- 54. See 1-Across

DOWN

1. Maker of Yukon SUVs



- - 2. Brazil home of the 2016 Olympics, casually
 - 3. 90-degree bend shape
 - Get married in secret 5. Near-perfect ratings, often
 - 6. "Dagnabbit!"
 - _ Light Lime (beer)
 - 8. Odorous
 - 9. Worker employed by 31-Across: 2 wds.
- 10. Guitar neck feature
- 11. Old-school rapper Flavor known for wearing large clocks around his neck neutrality
- 20. There isn't really one for
- cancer...yet
- 21. Round Greek letters
- 22. Dining hall usually preferred over Newcomb and O-Hill
- 23. 31-Across option for getting from the Corner to JPA
- 24. Most degrees earned at UVA:
- Abbr 26. Major manufacturer of Android phones

- 27. Place to order pastrami
- 28. "The Little Mermaid" prince
- 30. Unwanted email
- 31. 180-degree turn, in slang 34. Darts that put you to sleep,
- 37. Go bad
- 38. "Yeah" singer, 2004 39. "The Hobbit" protagonist
- **Baggins** 40. Stitching line
- 41. Frozen waffles brand
- 42. "Ew, _ me out!" (outburst from someone who looks terrible in a group photo)
- 45. Affirmative in Paris
- 46. Promise-to-pay letters
- 47. Word sometimes exclaimed to indicate a joke out a living (barely get

*THE SOLUTION TO THIS PUZZLE CAN BE FOUND IN THURSDAY'S ISSUE







'A lifelong love affair'

President's Speaker for the Arts Bryan Cranston stresses importance of arts preservation, work ethic

DAN GOFF | ARTS AND ENTERTAINMENT EDITOR



HANNAH MUSSI | THE CAVALIER DAILY

Acclaimed actor Brian Cranston, most famous for his leading role in AMC's "Breaking Bad," spoke on Grounds twice this weekend.

As a grand finale for the Festival of the Book, celebrated actor, director, producer and author Bryan Cranston visited the University over the weekend. Though his connection to literature is tenuous at best — he is undoubtedly better known for his work with television — he was nonetheless an impressive figure to give the Festival's final presentations.

Cranston gave a limited access talk to select Drama students and professors at the Helms Theatre Saturday and an open event at John Paul Jones Arena entitled "A Conversation with Bryan Cranston" Sunday.

The two events understandably varied, most notably in crowd size — in his talk Saturday, the attendees numbered less than 100, compared to the thousands who listened to him speak the next afternoon.

Despite this, many common themes flowed through both presentations. For one, Cranston seemed totally at ease in both settings, treating both the small audience and the large one as though they were good friends. Though this is probably

a testament to his prolific acting abilities, it was unusual to see such a well-known figure speak so casually.

Saturday's talk took a more personal route, with questions prepared by Drama students and moderated by Colleen Kelly, Assoc. Prof. and Chair for the Department of Drama. Cranston was more than happy to give advice to the aspiring actors and directors in attendance.

In describing his methods for taking on various identities, Cranston said to "embrace a character and allow him to come inside." He went on to add that plot was more important to him than anything.

"It's always about the story first," Cranston said. "It's got to mean something to me."

One of the most popular topics for both days was Cranston's starring role as Walter White on acclaimed show "Breaking Bad," specifically on the show's stellar writing. When asked by Kelly how he projected the "duality of Walter White's character," he responded, "Here's the secret to really good acting — find really good writing. Next?"

Cranston went on to describe

how quickly he was hooked by the premise of "Breaking Bad" — "When I read the script ... It was brilliant." Multiple times, he mentioned creator and writer Vince Gilligan by name as the true reason for the show's suc-

"The heavy lifting comes from Vince Gilligan," Cranston said. "I just show up and embrace it."

Cranston also stressed the importance of hard work.

"There's no excuse," he said Saturday. "If you're an actor, you'd better be acting. If you're a writer, you'd better be writing."

This theme carried over to Sunday's talk as well, as he repeatedly attributed his success to his work ethic. In the latter conversation, which was moderated by television producer and University alumnus Mark Johnson, Cranston discussed the effect that a difficult childhood had on his desire to succeed.

"There was an inherent work ethic taught to me," he said. "I knew I could outwork anyone."

Just as important as hard work, according to Cranston, is a healthy dose of luck.

"No successful career has

happened without luck," he said

In his talk at Helms Theatre, Cranston admitted that his role in "Breaking Bad" was only made possible through a series of coincidences. An unexpected scheduling error allowed Cranston to audition for an episode of "The X-Files" — an episode which Gilligan just so happened to be directing.

"It was chance," Cranston said. "Someone else would be sitting in this chair right now if I hadn't taken the role."

This point segued into the need for struggling actors to take any role available to them.

"I can guarantee that you're going to accept work you're not particularly fond of," Cranston told the audience of Drama students Saturday. His described it as a means to an end and inevitably looped back to his oft-repeated "hard work" mantra.

In both talks, the final topic was a very relevant one — the preservation of arts in an uncertain political climate.

"I think there's a sensibility that the arts are an afterthought ... but it's so much more than that," he said Saturday, adding that "you can have a lifelong love affair if you go into it for the right reasons."

He also made the claim that "we ... as a society will die off without the arts," adding Sunday that "a society that doesn't embrace and nurture the arts ... is not enlightened." This was his closing message both days, and Sunday he made a general appeal to the crowd.

"Embrace yourself in the arts," Cranston said. "Please do support the arts."

His conclusion Saturday was more personal, tailored to aspiring actors and directors.

"It's [going to] be tough, and not everyone is gonna make it through. But if you love what you're doing, that's gonna make it easier," he said.

Cranston walked offstage Saturday waving and repeating, "Good luck! Have fun." In his wake, he left a bounty of good advice and hope for anyone with a vested interest in the arts.

Dave Chappelle returns in style

It seems as though the comedy legend never left

MARSHALL PERFETTI | SENIOR WRITER

The Benign-Violation Theory of humor set forth by Dr. Peter McGraw argues that "humor only occurs when something seems wrong, unsettling or threatening, but simultaneously seems okay, acceptable or safe." Humor can be slipped into an argument to put an audience at ease, opening them up to extremely controversial ideas — it allows people to convey thoughts that might not be acceptable in a more sober context. Dave Chappelle does exactly this in "The Age of Spin" and "Deep in the Heart of Texas.

After turning down a highly publicized \$50 million deal with Comedy Central for the season renewal of "Chappelle's Show" in 2005, Chappelle receded into darkness, making only sporadic one-off appearances in the years following. Despite a 13-year-gap in stand-up specials, watching these recent releases makes it feel as though Chappelle never left.

Chappelle seamlessly tackles contemporary issues of race, sexuality, poverty and police brutality while also providing insight into his reclusivity and perceived place in the world. Aside from a high production

value and roaring audience, what sticks out most is how comfortable Chappelle appears. Whether rationalizing his admittedly selfish decision to attend the Oscars rather than a Flint, Mich. awareness campaign or contextualizing the progress of the LGBTQ community in the U.S., it seems as though Chappelle is his own best audience. No matter how much he plays with fire, he remains unscathed.

It is also important to note that both specials are over a year old. As Chappelle explains in "The Age of Spin," Netflix offered him \$60 million for the two previously-unreleased hours of stand-up, along with an additional special of new material due later this year. The specials reference some material which would perhaps have felt more current a year ago, but thanks to the mercurial and uncategorizable nature of Chappelle's comedy, the material never feels dated.

The most notable example of this is Chappelle's masterful Bill Cosby routine from "The Age of Spin." Early in the set, Chappelle tells a story about a benevolent yet tragic superhero who unfortunately can only activate his powers by "touching a



Chappelle released two comedy specials this week, his first in over a decade.

woman's vagina" and thus essentially must molest someone anytime he needs to help others.

'That's the dilemma for the audience," Chappelle says. "He rapes, but he saves a lot of lives. And he saves way more than he rapes and he only rapes to save, but he does rape.'

Later in the set, this line is used again in reference to Cosby, a former hero to Chappelle. Without using trite and low-hanging ridicule, Chappelle is able to criticize Cosby while simultaneously contextualizing the impact of the first black man to win an Emmy, to create a successful cartoon with black characters having "accurate face proportions," and who made sure his renowned "Cosby Show" portrayed African Americans in a positive light. This highly intelligent, multi-layered approach to comedy is hard to come by, especially when it makes no apologies for its contentious subject matter.

Chappelle also astutely observes

the changes in the social dynamic between men and women in modern society. At times it sounds as though he is reading from a Sociology of the Family textbook, but the final — and often unconventional - posits he puts forth are quite beyond the comparatively quaint quarters of academia. He can operate on an intellectual level and an irreverent level at the same time.

Chappelle does not only dwell in the realm of social commentary. During his absence, comedians such as Key and Peele and Kevin Hart have become prominent figures in the entertainment world. Chappelle reflects on his place amongst them, praising Hart for his inventiveness and criticizing Key and Peele, as Chappelle feels the success of their show is largely due to the template created by "Chappelle's Show."

Chappelle's brio is effortless, and his approach to comedy is novel, despite his long hiatus. While "The Age of Spin" achieves a higher high than "Deep in the Heart of Texas" in terms of structure and topics covered, both specials demonstrate that legends



Students at national Patagonia competition

Interdisciplinary team of graduate students propose sustainable business solutions

SHIYU CHEN | SENIOR WRITER

Students from 10 top universities will gather together for the Patagonia Case Competition at the University of California-Berkeley's Haas School of Business with one mission — to accelerate regenerative agricultural practices for food — on April 20-21, just before Earth

Patagonia, Inc. is an American clothing company that sells and showcases mainly sustainable outdoor clothing. The Patagonia Provision project aims to provide food from regenerative agriculture practices.

The University team, named Hoos Green, is led by doctoral student Stephanie Roe from the Department of Environmental Sciences. Including Roe, Hoos Green is made up six graduate Darden graduate students students David Baum, Jacob Lee, Bryan Shadron and Benjamin Strickland and Architecture graduate student Caroline

Shadron first researched the Patagonia Case competition, decided to form a multidisciplinary team and reached out to Roe and Herre from the Department of Environmental Sciences and Department of Architecture, respectively.

Although the Patagonia Case competition is largely business-oriented, diversity of team members is essential for the case competition. On the topic of sustainable agriculture, business insights are needed to consider the relationship between consumers and farmers, but environmental insights are also essential to provide a feasible case solution. Roe's knowledge of agricultural issues provided scientific insights for the team.

This competition is geared primarily towards MBA [students], but they do want an interdisciplinary team," Roe said. "I think my expertise is quite well aligned to this prompt in this case because they are asking about issues that will affect climate change, that will affect soil carbon, that will affect agricultural yield. That's something I can certainly speak to."

Roe worked for seven years in the industry before coming to the University, which equipped her with a strong background in applied science and extensive experience with agriculture issues — especially climate

However, Roe said a team member studying agronomy would be beneficial because they would understand different properties of crops, and how specific crops grow, spread and reproduce.

'For example, are there new crops coming up with improved full carbon cover? Or are there other crops where you know [they] grow in a certain way so that it spreads and reproduces? Are there other crops that don't take as much water?" Roe said.

Shadron also said business decisions made by the Patagonia company are characterized by environmental concerns.

'With Patagonia being such a mission-driven company to begin with, all their dispositions are made around environmental concerns, their environmental missions," Shadron said.

Patagonia will have the opportunity to generate more innovative ideas based on these proposals, Roe said, even though there is no guarantee Patagonia will take suggestions from the submitted proposals.

"If you have a team made up

of MBA [students], a scientist and a group of other people ... [if] you had 70 different proposals ... That's a lot of people thinking about your problem, and that's an incredible opportunity for Patagonia to generate innovative ideas," Roe said.



COURTESY PATAGONIA

"Hoos Green" will compete at UC-Berkeley, April 20-21.

U.Va. anesthesiologist faces \$75,000 malpractice suit

Dr. Robert Thiele denied sovereign immunity, must face plaintiff in trial

KATE LEWIS | HEALTH AND SCIENCE EDITOR

A malpractice suit filed in 2015 against a University anesthesiologist will go to trial in June. The defendant's motion for a summary judgment on the basis of sovereign immunity was denied by District Judge Glen Conrad, of the Western District of Virginia, Charlottesville Division.

Dr. Mikiala Whitacre is suing Dr. Robert Thiele, an anesthesiologist, on behalf of her step-mother, Joy Anne Thomas. Whitacre alleges that Thiele improperly intubated Thomas during an emergency bring back surgery following a cardiac operation, causing the anoxic brain injury that

FEDERAL BUILDING U.S. COURTHOUSE

LAUREN HORNSBY | THE CAVALIER DAILY

Dr. Thiele will appear in court June 20 in Charlottesville.

led to Thomas' death Feb. 1, 2013.

Conrad ruled against granting Thiele sovereign immunity as an employee of the state March 20. At the time of the operation, Thiele was employed by the Physicians Group, a nonprofit corporation, as well as the University's Medical School. In the memorandum opinion on the motion, Conrad stated that a reasonable jury could find ample evidence Thiele was acting in his capacity as an employee of the Physicians Group, not as an employee of the state. This prevents Conrad from granting Thiele sovereign immunity in a summary judgment without trial.

"The evidence in the summary judgment record is sufficient to create a triable issue as to whether Dr. Thiele was operating within the scope of his state employment at the time he performed the acts complained of by the plaintiff," Conrad said in the memorandum opinion.

In the original complaint, Whitacre claims the endotracheal tube was not properly placed in the patient's trachea, and that Thiele consciously chose to use a pulse oximeter rather than a more reliable means of evaluating breathing for a patient suffering from cardiac tamponade. Cardiac tamponade occurs when fluid fills the pericardium, or outer sac, of the heart, dramatically lowering blood pressure and sometimes resulting in death.

In his answer to the complaint, Thiele denies knowing of a more reliable method for monitoring the patient's breathing.Patients commonly undergo endotracheal intubation prior to deep sedation with anesthesia in order to ease passage of air through the mouth to the lungs and prevent bodily fluids from also getting into the lungs.

Whitacre cites the surgeons' medical records in her claim that a failed intubation occurred.

"Following this surgery, the cardiothoracic surgeons reported in their operative note that the patient's airway and breathing had been subject to an 'attempted intubation' and also states an 'esophageal intubation' had occurred which in either event was the cause of an anoxic - lack of oxygen — injury to the patient's brain," Whitacre said in the complaint.

Thiele admits that the medical records refer to an "attempted intubation" and "esophageal intubation,"

but denies that he fell below the standard of care for the intubation procedure.

A demonstrated failure to meet the standard of care is one of two criteria for a successful medical malpractice suit, University Law Prof. Margaret Riley said. The other is the establishment of a relationship between the plaintiff and the defendant that creates a duty.

"That failure of the standard of care has to be the proximate cause of the damages that are alleged by the plaintiff," Riley said.

"As a proximate result of [the] defendant's negligence and falling below the standard of care, Joy Anne Thomas suffered great conscious pain and suffering at the time of the negligent intubation which cut off her air supply and as a further proximate result caused her death," Whitacre said in the complaint.

Thiele denies fault for such dam-

The hearing has been rescheduled for June 20. Neither party responded to requests for comment, and the University Health System refused to comment on pending legal matters.

Link found between male reproductive, immune systems

U.Va. researcher's discovery overturns previous assumption

BRANDON CHO | STAFF WRITER

A University researcher in the Beirne B. Carter Center for Immunology recently discovered a previously unknown role of the immune system within the the male reproductive system. Dr. Kenneth Tung and his lab led the research efforts, which have opened new doors regarding autoimmune disease, male infertility and the future of cancer vaccines.

research centers Tung's around better understanding the mechanisms of autoimmune disease of the male reproductive system — a cause of male infer-

"[Male infertility] seemed to have an immune basis, some kind of autoimmune response that occurs spontaneously," Tung said. "The testes produce antibodies to sperm, which is indicative of the immune mechanism of the disease, but it doesn't prove it."

Tung's team focuses on cells known as regulatory T-cells, which suppress other immune cells from responding to antigens — molecules that induce an immune response. His lab is particularly interested in how regulatory T-cells modulate self-response of the immune system, in which the immune system responds to nearby tissue and immune cells.

Tung's focus is on patients with abnormal T-cell function and patients with vasectomies. His lab has discovered that the testes release some antigens outside the testes, which was previously thought to be impossible.

"People thought antigens in the testes that are going to make sperm are completely sequestered from the immune system," Tung said. "For years, people believed this complete antigen sequestration. [It was] a dogma without proof, and nobody has even done an experiment to see if it was correct."

Tung challenged this concept and classified the antigens into two categories — the sequestered. which are hidden, and those that are exposed. This allowed Tung's lab to identify an antigen that was not sequestered and could act as

a regular antigen, contradicting the previous belief in complete antigen sequestration.

Tung said the immunological implications make this discovery especially interesting, and that no reproductive biologist was aware of this until his recent publication.

"This gives us pointers to what proteins we are more interested in, and also what people have been using for cancer vaccines," Lenart said.

Tung lab's recent discovery has opened new doors for major improvements in the medical field with applications in treating male infertility and cancer.

"[There are] two major clinical implications — one is human fertility," Tung said. "The other implication is in cancer, because some cancer antigens are shared by sperm antigens by identical proteins. They are called cancer-testes antigens."

Cancer-testes antigens could prove influential in future research on cancer treatment.

"Cancer treatment is still an



Tung's work affects research in autoimmune disease, male infertility and cancer vaccines

evolving field, and we do not, at the moment, have an ultimate cancer treatment," Lenart said. "This recent discovery opens up a new discussion in the field and there is much optimism about the future of cancer treatment."

Tung plans on further investigating the effectiveness of cancer-testes antigens in developing cancer vaccines by comparing sequestered and exposed antigens.

"We provide guidance as to how you should select cancer vaccine antigens," Tung said. The next step is to prove the ideal — or the preferred — of the effective candidates."

Students collaborate in NASA-sponsored program

CubeSat allows students to track satellite with ground station

RUPA NALLAMOTHU | STAFF WRITER

Engineering students at the University have been working on a project, CubeSat, which will track a small satellite using a ground station. The satellite will communicate with the ground station to gather data, which will be shared with information from other universities, such as Virginia Tech and Old Dominion.

CubeSat is sponsored by NASA and collaborates with other universities through the Virginia Space Grant Consortium. CubeSat will be collecting data on atmospheric drag in low earth orbit.

Currently, the students are finishing the design phase of the ground stations, which involves selecting proper equipment and securing funding for necessary purchases from the University. After the design phase of the project, students will start prototyping the stations.

"Collaboration between all universities has been overall very beneficial for the project," fourth-year Engineering student Colin Mitchell said. "Working with students from differing majors and education backgrounds has led to some very creative and effective design solutions that none of us would have been able to reach alone."

The current team of students have utilized previous research to help design and begin to implement the project.

"The students that worked on this project from last year did a great job providing documentation and explanation behind design decisions that they made, which helped us get up to speed on the project starting last fall," Mitchell said in an email to The Cavalier Daily.

Students are involved in all aspects of this project. Through division into sub-teams, students are able to work on specific tasks, such as management of the project and the design of different aspects of technology used in the project. The management team is in charge of budgeting, communication, scheduling and risk analysis involved in the project. Other subteams include Data and Communications, Thermal and Environmental Analysis and Orbits and Control.

This project is conducted with Amateur Radio Club W4UVA. W4UVA is responsible for designing, constructing and operating two ground stations. The radio club has helped with a large portion of the ground station design and will operate the ground station and help students gather data.

"In addition, a number of students — including myself — have obtained amateur radio licenses in order to legally operate and test



COURTESY WIKIMEDIA COMMON

Student engineers prepare to monitor small space satellite with their own ground control.

our radio setups," Mitchell said.

Although the satellite will only communicate with one ground station, two ground stations will be created for the project. One will be actively used in the project, while the other ground station will serve as the site for development of new technology. In order to minimize risk, W4UVA conducted extensive research on successful designs at other universities — such as Virginia Tech — to create designs of the ground stations.

"The primary ground station will be located at a site on Grounds with a clear view of the sky in all directions," W4UVA trustee Mike McPherson said in an email to The Cavalier Daily.

The backup ground station will be located at the W4UVA station at Observatory Mountain Engineering Research Facility.

"The ground stations will also be used to support future U.Va. CubeSat missions in the planning stages, and we plan to participate in federated ground station networks with other universities to eventually provide continuous ground station coverage for research satellites," McPherson said.

According to McPherson, the ground stations will be functional by summer of 2017. Prior to the launch of the project's prototypes, students will practice operating the test stations by tracking other satellites.

ADVERTISEMENT

