



SEARCH FOR NEW DEAN
Iowa State's College of Veterinary Medicine is seeking a new dean. Read about the first candidate inside.

>> PAGE 2



MEN'S BASKETBALL
The Cyclones beat the No. 15-ranked West Virginia Mountaineers last night at Hilton. Check out our coverage at iowastatedaily.com.

>> ONLINE



STUDENTS CREATE TECH INNOVATIONS

Make award-winning gadgets outside of class

BY CHRISTIAN.SIMMONS
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CHRIS JORGENSEN/ IOWA STATE DAILY
Iowa State students Tim Lindquist (left) and Jakub Hladik pose while holding plans for a computer chip and memory that they created.

The next "big thing" is usually unveiled by someone like Elon Musk, Tim Cook or Jeff Bezos, but the next big thing could just as easily be coming out of Iowa State.

Two students, Tim Lindquist and Jakub Hladik, work on projects together that go above and beyond what professors and job recruiters look for.

The two met before the ISU Hackathon in 2016. Hladik was in the computer lab brainstorming ideas for the competition when he saw Lindquist working on a nearby computer. Hladik noticed Lindquist had an extremely organized workspace, something Hladik needed to work on. Hladik approached Lindquist and that year they won Hackathon with their Project Icarus.

Some projects between the two of them include Project Icarus, a motion controlled drone, a model for a single instruction processor and RAM, a Raspberry Pi 3 running RetroPie and a music box made with floppy disk drives.

PROJECT ICARUS

Project Icarus is a continuous project the duo has been working on. A drone is controlled by two straps you put over your hands. The left hand controls throttle and yaw, and the right hand controls pitch and roll. Sensors in the straps allow the user to control a drone, plane, boat or any other radio-controlled device with your hands.

The project initially started as a Hackathon project at Iowa State. It has since evolved past that.

After winning the 2016 Iowa State Innovation Pitch Competition, they created a second iteration of the product seen in the video.

Lindquist said they hope to make a third iteration, a wireless version, but in order to market something like that they would need funding and demand. The decision to move forward with this product depends on how much attention the video gets. The potential

for a startup is very real. Lindquist and Hladik have a friend who would be able to market the idea if it picks up enough attention.

Lindquist said he sees application in military, beginner fliers and hobbyists for racing or general flying.

SUBLEQ: SINGLE INSTRUCTION PROCESSOR

This project is what Lindquist and Hladik described as their "bread and butter." This project pushed them past what they had learned in class to create something above and beyond what was expected.

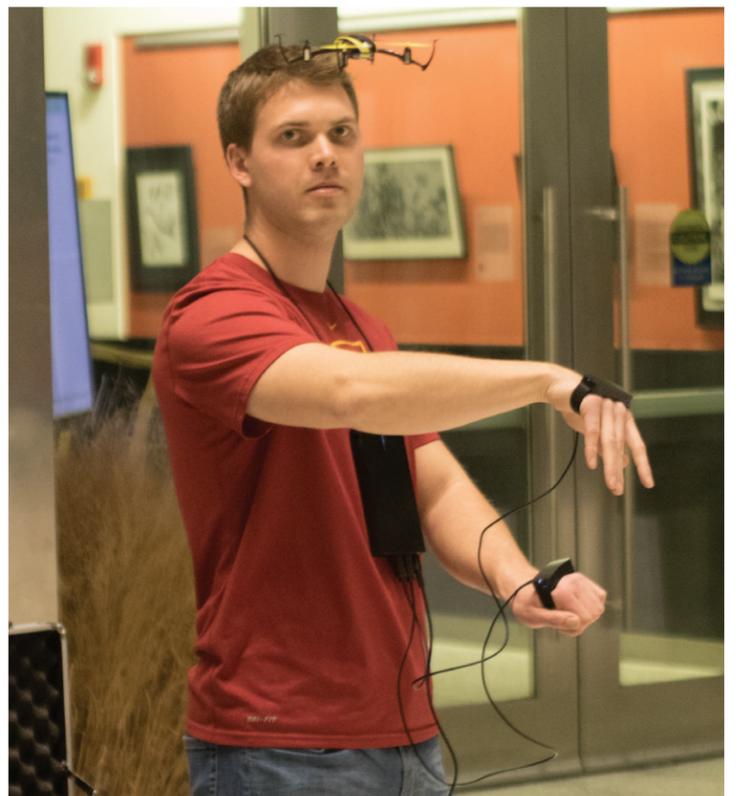
SUBLEQ (SUBtract A from B and Branch to C if LEss than or EQual to zero) is a project the two worked on for EE 330, integrated electronics. The project went "above and beyond" as described by their professor for the class, Dr. Randy Geiger.

Lindquist and Hladik emphasized the point of this project was not to create a marketable product, but to better understand how processors work. They enjoy working on projects that are not necessarily practical, but expand on what they've learned in the classroom.

Geiger stated the two went above and beyond in the course not for a grade, but to further their understanding of the material.

Hladik and Lindquist "were being more aggressive than they had to be," said Geiger.

Similar projects include Hladik's Z80 processor, which Hladik said "by exploring this 'dead' architecture, I can explore how the current architectures evolved and why engineers designed them the way they are," on his website.



CHRIS JORGENSEN/ IOWA STATE DAILY
Tim Lindquist demos the motion-controlled drone he and Jakub Hladik created. The device worn on the hands is the second version of the drone.

>> TECH PG8



FACULTY



COURTESY OF IOWA STATE UNIVERSITY
Dr. Spencer Johnston is the first of four finalists for dean of Vet Med college.

Dr. Spencer Johnston announced as first Vet Med dean finalist

BY HALEE.OLSON
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The Iowa State College of Veterinary Medicine announced the first of four finalists for dean of the Vet Med college as Dr. Spencer Johnston, department head of small animal medicine and surgery at Georgia's College of Veterinary Medicine.

Johnston received a veterinary medicine degree from the University of Pennsylvania in 1986 and completed an internship at the University of Georgia and a residency at Michigan State University.

According to the UGA College of Veterinary Medicine website, Johnston first became a professor at the Virginia-Maryland Regional College of Veterinary Medicine at Virginia Tech in 1990 before joining the faculty at the University of Georgia in 2007.

Johnston first served as the small animal surgery Chief of Staff from 2008-2011 before becoming department head.

Johnston is also a diplomate of the American College of Veterinary Surgeons.

According to Johnston's curriculum vitae, his areas of research lie in osteoarthritis, joint injury and disease and non-steroidal anti-inflammatory drugs.

Johnston will visit Ames Thursday for an open forum in classroom 2532 of the veterinary medicine college from 3:15-4:15 p.m.

If unable to attend in person, a recording of the forum will be made available after all four campus visits have concluded.

Open forums for each candidate will be held on Feb. 1, 6, 12 and 19. Each candidate's name will be released 24 hours before their campus visit.

There is a feedback form available for those interested in voicing any strengths or weaknesses they see in Johnston.

STUDENT LIFE

Yen Nguyen

International Ph.D. candidate mentors students

BY MIA.WANG
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Being the president of an international student career council is not an easy gig. Pursuing a doctorate degree in chemistry is also not for the faint of heart.

Yen Nguyen, Ph.D. candidate, is the president of the only international student career organization at Iowa State University.

Nguyen came to Iowa State from her home country, Vietnam, to pursue her doctorate in 2014. However, the United States was not a strange land for her.

She attended Hanoi University of Science in Hanoi, her hometown, for undergraduate study. During her four undergraduate years, Nguyen had two internship experiences at University of Illinois Urbana-Champaign (UIUC), where she served as a research assistant in 2010 and 2011.

After receiving her bachelor's degree, she applied for Ph.D. study at UIUC and was accepted; however, after one year of school, she found the work overwhelming. At the same time, she suffered a lung disease which caused her energy level to drop significantly. She left the school and went home to Vietnam.

"I was just not prepared. Because [my] first two times in UIUC only were just two months, and I got help from the program coordinator and the professors," Nguyen said. "I didn't have total independence to study and conduct research. Heavy class work, research work and [my] health issue were a bit much for me."

It took Nguyen one year to recharge. She applied for a Ph.D. program again in 2014 and got accepted by the department of chemistry at Iowa State.

Nguyen was born in 1989. From her youthful look, it's hard to imagine she has dedicated her whole adult life to science, specifically chemistry.

"All the cousins of mine...attended or are currently attending...business school, and most of them work for banks or accountant firms," Nguyen said. "I just want to do something different."

She wanted to study science, but didn't like math or physics. She was attracted to dealing with molecules and figuring the components.

"Almost everything in life can be explained by chemistry," Nguyen said.

Nguyen said she always wanted to experience living and studying abroad.

"For my other college classmates in Vietnam, going to college is already a good life for them, because they are not from the city, and their family don't have a lot to offer them other than sending them to a four-year college," said Nguyen. "But for me, my family is middle class and I'm the only child. So, they have an easier life [to be able to] support me. I don't have as much pressure as other students in my classes. I feel like I can do whatever I want."

Nguyen wants to do things other people don't want to try or don't have the opportunities to try.

"When I [am] exposed to a new thing, I always want to try it, as long as it's positive and good for me," Nguyen said.

Nguyen didn't have a true passion when she first went into the scientific field, since she just wants to "do something different." She was full of questions when she was little,



COURTESY OF YEN NGUYEN

Yen Nguyen is a Ph.D. candidate in the Department of Chemistry and the president of the only international student career organization at Iowa State University.

"Almost everything in life can be explained by chemistry."

-Yen Nguyen, president of the International Career Council

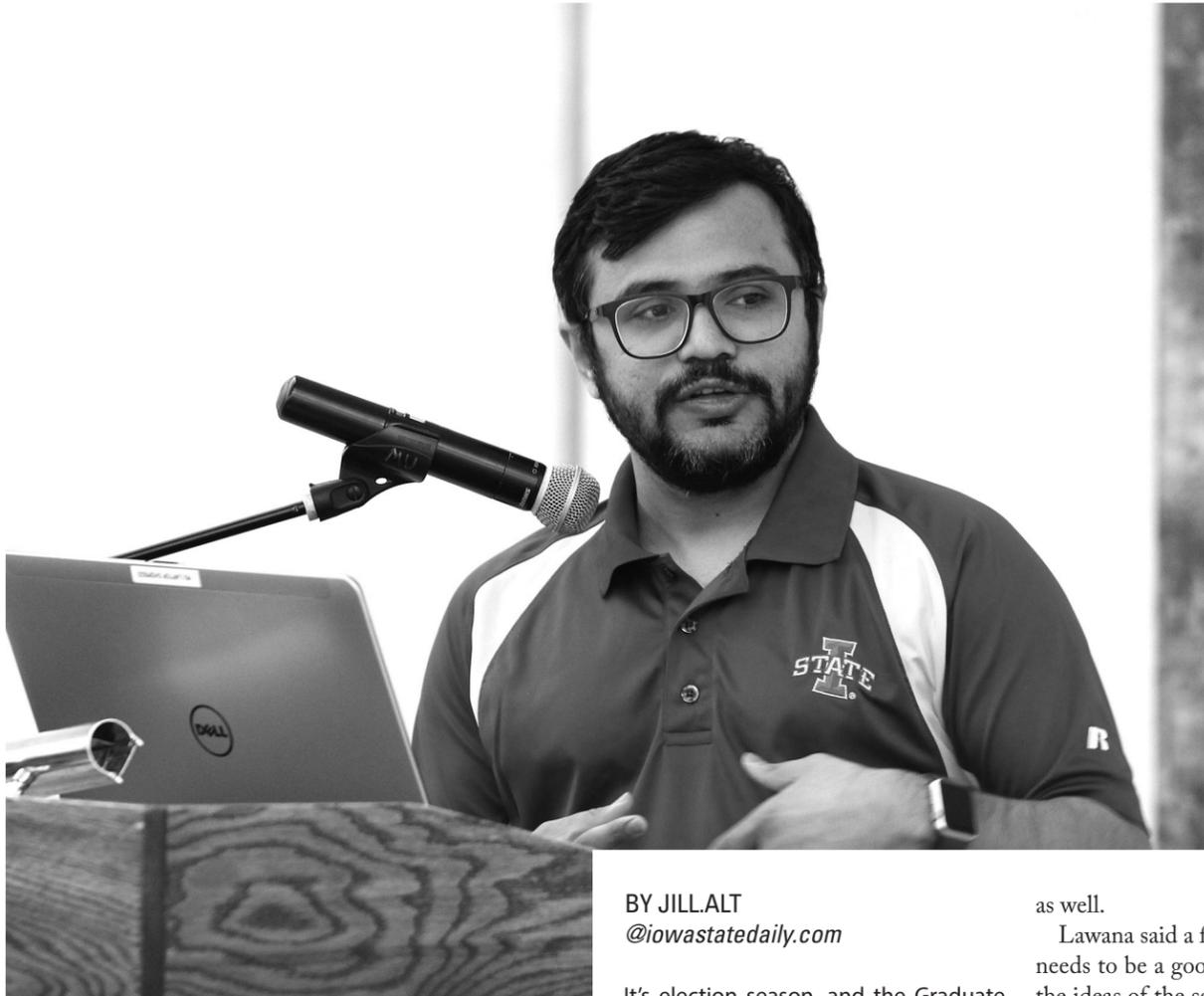
so maybe that's the start for her to choose science as her career.

"Sometimes, our parents tell us to do a certain thing purely based on their life experience, like drinking hot liquid when you're sick. I didn't want to do it, because it didn't make sense to me, and I often questioned how did adults come up with those theories."

As she kept studying chemistry for more than a decade, she found science has helped her form a whole new perspective on life.

"I think the science work I have been doing helps me see everything clearer. However, now I'm studying and working at the science field. I am able to find explanation for almost everything, because science can be proved. That's how science changed me, and I try to

>> MENTOR pg8



RYAN BRETOI/ IOWA STATE DAILY
Vivek Lawana, president of Graduate and Professional Student Senate, speaks at an open forum on March 2, 2017 regarding the proposed renovation of the Memorial Union.

CAMPUS

GPSS seeks new executive council

BY JILL.ALT
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It's election season, and the Graduate and Professional Student Senate has an empty executive council for the 2018-19 year. But what, exactly, does the GPSS executive council do?

as well.

Lawana said a future GPSS president needs to be a good listener and to hear the ideas of the senators, and they need the vision to execute them. He said they also need to have time on their hands for all of the work that goes into their presidency.

"If you think you're going to be busy, running for GPSS might not be for you," Lawana said.

The next vacant position is the vice president. This office is held by George Henry Weston, graduate student in sociology.

The vice president's job is to act as the senate chair and social chair of GPSS. During their monthly meetings, it is his job to run the meeting, keep everything on schedule and to acquire speakers.

"I head up the rules committee first—the rules committee looks at the constitution, bylaws and rules," Weston said. "We were able to do a good job and kind of clean things up."

One of his main projects was chapter nine of the Graduate College Handbook, which lays out responsibilities of graduate students. Chapter nine was redone in April 2016; however, when it was sent for approval, Weston said no one heard anything until the provost came in March 2017. It turned out it had been in limbo with the university attorneys the whole time because of unknown issues.

"I, personally, and no one else on graduate council got to see what these issues were," Weston said.

Weston said the vice president of GPSS needs to be very efficient. Senators do not get paid to partake in GPSS, and they don't have time for meetings to run for hours on end.

"One of the main things is consideration of time of the senators. We [on the executive council] receive a scholarship every semester. Senators come one Monday a month, and they aren't being paid to be there," Weston said. "We shouldn't have meetings that go four or five hours."

The treasurer's office is held by Maria B. Mantilla Perez, graduate student in agronomy. Her job is to head the GPSS' finances.

"She is in charge of all of our financial relations, from budgeting the money to making sure we aren't overspending," said Lawana.

It is the treasurer's job to present the budget and any changes to the senate during their monthly meeting, as well as chair the finance committee.

Lawana said the treasurer needs to be good with math and finances, as the treasurer will be doing a lot of math.

CIO Gaurav Kandoi, graduate student in electrical and computer engineering, refers to the CIO position as the easiest position on the executive council.

The CIO's main responsibility is to keep attendance and recruit senators to GPSS. At monthly meetings, he passes out the placards and clickers to senators to take attendance and then collects them again at the end of the meeting. Kandoi is also in charge of managing GPSS' social media.

Next on the ballot is the URLA chair. Michael Belding, graduate student in history, currently holds this position.

The URLA chair is responsible for taking minutes at the monthly meetings and appointing students to committees. He also serves on several committees, including the library advisory committee. While serving on this committee, Belding was able to advocate for the Graduate College and get a graduate reading room in the upcoming Parks Library renovations.

"The major thing when I first joined GPSS was cleaning up the senate records," Belding said. "The records had not been kept well prior to my joining."

Belding said the next URLA chair needs to be a good notetaker because when taking minutes, the URLA chair needs to pay attention to the discussion and take notes quickly and efficiently.

He said the URLA chair also needs to serve on committees, so it is crucial that they are available to go to committee meetings and keep up with them.

The PAG chair, Kevin Natukunda, is a graduate student in genetics development and cell biology.

His main responsibilities include reviewing applications and awarding Professional Advancement Grants—these are awards given to students to cover expenses for conferences where they present their research.

He has awarded these grants to students on a monthly basis, in conjunction with the Graduate College and with the assistance of the PAG committee.

"This year, together with the PAG committee members, we have evaluated applications for the Margaret Ellen White Award and forwarded the names of the Graduate College," Natukunda

**"The president's biggest unwritten responsibility is to be the face of graduate and professional students in every forum."
-Vivek Lawana, president of GPSS**

GPSS is the governing body of the Graduate College and meets on the last Monday of every month, discussing everything from upcoming changes to on-campus events.

The positions on the executive council are president, vice president, treasurer, chief information officer (CIO), university relations legislative affairs chair (URLA chair), professional advancement grants chair (PAG chair), and research conference chair.

First on the roster is president of GPSS. This position is currently held by Vivek Lawana, who is receiving his doctorate in biomedical sciences.

As president, it's his job to be the face of the graduate school in administration. He has served on 12 search committees, including the search for the new president of the university, Wendy Wintersteen.

"The president's biggest unwritten responsibility is to be the face of graduate and professional students in every forum," Lawana said.

The president serves as the leader of the executive council, and oversees the action being done by the other members. Lawana has held the position for two years and served on many committees

FEATURE PHOTO



CHRIS JORGENSEN/ IOWA STATE DAILY

» **BLUE MOON APPEARS IN AMES**

The moon peeks through the clouds for a moment early in the morning on Jan. 31. The moon was a 'super blue blood' moon. Viewing in Ames was made difficult by large amounts of cloud cover for most of the morning.

CROSSWORD

ACROSS

1 Manages (for oneself)
 6 Snuck
 11 Moines, Iowa
 14 Native Alaskan
 15 Cowboy singer Gene
 16 "That's nasty!"
 17 Criticize gas and electric companies?
 19 The Beatles' "___ Loves You"
 20 Sunrise direction
 21 One of a D.C. 100
 22 Russian capital
 24 Roy G. ___, rainbow mnemonic
 26 Piebald horse
 27 Criticize a modeling shoot array?
 30 It replaced the French franc
 33 Pass out
 35 Mudville number
 36 Complete, as a scene
 37 Tropicana and Minute Maid, briefly
 38 Cheesy sandwiches
 39 Grounded jet
 40 Sworn statement
 42 Isaac's eldest
 43 Wranglers with wheels
 45 Folk music's Kingston ___
 46 Criticize stage shows?
 48 Former Bears head coach Smith
 50 Be in debt
 51 Sea near Stockholm
 53 Prefix with pass
 55 Become enraged
 59 World Cup cheer
 60 Criticize awards? e.g.
 63 Gen-___, boomer's kid, probably
 64 Invalidate
 65 On one's toes
 66 Fist pumper's word
 67 Trotsky and Uris
 68 Pack animals

DOWN

1 Lose color in the wash
 2 "On the Waterfront" director Kazan
 3 Loch with a monster
 4 Brit's trash can
 5 Sault ___ Marie
 6 Batman's hideout
 7 Wreck completely
 8 And so on: Abbr.
 9 Vacate the ___; eviction notice phrase
 10 Big name in chicken
 11 Criticize college subjects?
 12 Bounce in a 6-Down
 13 Depict unfairly
 18 Invitation letters
 23 Bouillabaisse, e.g.
 25 Practitioner: Suff.
 26 Kept in, as hostility
 27 Criticize farmers?
 28 Bodysuit for a tiny tot
 29 "___ Marner": Eliot work
 31 Speak with a grating voice
 32 Chooses

33 12 inches
 34 Open a bit
 38 Doctor's profession
 41 Owl's cry
 43 A boxer may have a glass one
 44 They're attractive to look at
 47 "Footloose" co-star Singer
 49 "Myra Breckinridge" author Gore

51 Like the Honda Element
 52 Away from the wind
 53 Really surprise
 54 Web addresses, briefly
 56 Beehive State natives
 57 Little more than
 58 Repair co. proposals
 61 ___-cone
 62 Sheep's call

POLICE BLOTTER

1.30.18

Luke Carey, age 20, of 323 Welch Ave Unit 2 – Ames, IA, was arrested and charged with assault, criminal mischief, criminal trespass, and interference with official acts (Case update).

An officer initiated a harassment related investigation at Parks Library (reported at 12:27 p.m.).

IOWA STATE DAILY BUSINESS DIRECTORY

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SUDOKU BY THE MEPHAM GROUP

Complete the grid so each row, column and 3-by-3 box (in bold borders) contains every digit, 1 to 9. For strategies on how to solve Sudoku, visit www.sudoku.org.uk

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

CORRECTIONS

The Iowa State Daily welcomes comments and suggestions or complaints about errors that warrant correction. To submit a correction, please contact our editor at 515-294-5688 or via email at editor@iowastatedaily.com.

The Daily inaccurately reported for an article published on Sunday about white nationalist posters found on campus. Police didn't respond with comment because Daily staff didn't reach out. The Daily regrets this error.

IOWA STATE DAILY

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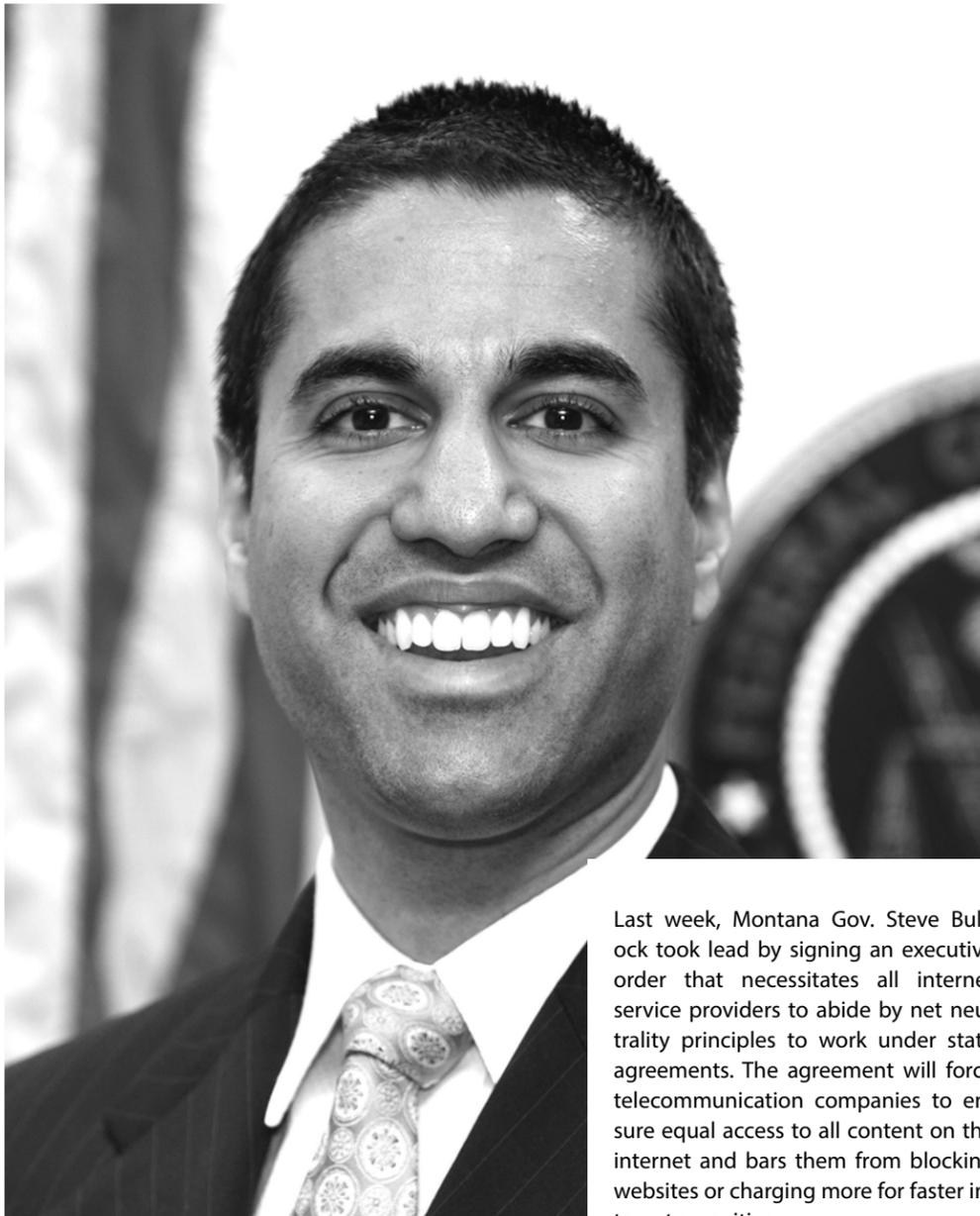


PHOTO COURTESY OF WIKIMEDIA COMMONS

Montana Gov. Steve Bullock signed an executive order in front of high school students. The executive order requires that internet providers abide by net neutrality principles.

EDITORIAL

States need to save net neutrality

Last week, Montana Gov. Steve Bullock took lead by signing an executive order that necessitates all internet service providers to abide by net neutrality principles to work under state agreements. The agreement will force telecommunication companies to ensure equal access to all content on the internet and bars them from blocking websites or charging more for faster internet amenities.

Gov. Bullock has set an example for other states by signing this executive order. In order to reinforce the importance of net neutrality for education, he signed the order in front of high school students in Helena, Montana.

Montana became the first state to set its own net neutrality standards to abide by telecommunications companies since the Federal Communications Commission (FCC) ended the popular policy in December 2017.

Net neutrality is important and we

want other state officials to stop looking at folks in Washington and learn from Steve Bullock. Other states should take this bold step to safeguard net neutrality ethics.

The end of net neutrality will not only affect the general consumers, but can also pose a perilous impact on online education systems and students who are connected online.

Internet providers can limit a student's access to several free education resources, making them deliberately slow so they're unwatchable or even block access to competitors' sites.

Reversing net neutrality rules could cost more to students because internet providers can divide the content into fast and slow lanes and charge more for higher speeds and access to certain websites. In this scenario, students will be paying more for the educational material that were once freely accessible.

The online education system is the greatest revolution in today's education.

Approximately, 35 million U.S. students are now connected online from each part of the country, and that number is gradually increasing.

This has transformed the education system by introducing programs such as distance learning where students are learning at their own pace and comfort without paying hefty fees and attending universities and colleges.

In today's modern education, students use video conferences and watch online lecture videos to complete their projects outside of class. Truly, it has provided students with a plethora of resources from which they can learn anything, anytime, anywhere.

The end of net neutrality will affect online education systems and make students' lives harder and more expensive.

That is why states must understand its importance and stand for it like Montana already has.

LETTER

Can my sister afford Iowa State?

BY KODY OLSON

Iowa State Student Government Senior Director of Governmental Affairs

It's an exciting and scary year for my parents — their youngest child is graduating from high school and will be going to college. As Sydney's oldest brother, I want to give her my best advice as she considers schools and prepares to leave home. And of course, I can't help but be partial to Iowa State and share all my tremendous experiences I've had here that I wouldn't have gotten anywhere else.

But man, can she afford to be a Cyclone? We grew up below the poverty line and I had to pave my own way through college. I was fortunate enough to receive scholarships and financial aid from state and federal programs. Even so, there was never a semester without worrying about

having enough money to pay my housing bill or get the books I needed for school. And as grateful as I am for the love and support from my parents, I could never ask for monetary support without disrupting my family's financial security. I knew the buck stopped with me, so I had to juggle academics, leadership roles and two jobs in order to make it.

Looking back, I don't know that I would've made it if school had cost a few more hundred dollars. Which is why I was immediately alarmed when the first tuition proposal called for the university to increase rates 7 percent annually for five years. I had a sick feeling in my stomach when the Iowa Senate announced \$6.9 million in de-appropriations to the university. The day before their budget proposal was released, I was in Majority Leader Dix's office where Student Government leaders were assured the leadership was committed to training

the workforce of the next generation for our state.

But how can the next generation attend college and develop workforce skills with tuition hiked, university budgets slashed, the Perkins Loan Program eliminated and the expansion of differential tuition in our institution? How can students who come from a low-income background, such as Sydney and myself, find the support they need when they go to school in a state that is ranked dead last in financial aid support?

The time for inaction is over. We have to contact our state representatives and share our Cyclone stories to remind our leaders why higher education is a worthwhile investment. Our silence builds great barriers for the next generation to attend college. Urge representatives to leave a brighter tomorrow for my sister and other aspiring students in and around our state.

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FOOTBALL

Campbell forms new special teams

Punter and kicker replaced

BY BRIAN.MOZEY
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When people think about last football season's senior class, there are a few common names that pop up.

Allen Lazard. Joel Lanning. Jake Campos. Kamari Cotton-Moya.

Players on the defense and players on the offense.

What people don't think of is the two main special teams players who were seniors as well. Punter Colin Downing and kicker Garrett Owens finished their last college football game in Memphis, Tennessee, when Iowa State won the AutoZone Liberty Bowl on Dec. 30.

Matt Campbell knew these two players were going to be gone after the 2017 season, so he was looking to replace them with new recruits throughout the season.

Punter Corey Dunn and kicker Brayden Narveson signed at the early signing day period in the middle of December to solidify Campbell's special teams' leaders.

"We don't scholarship guys unless we think their power and their improvement is the ability to help our football team be successful," Campbell said.

Dunn is a veteran. At the age of 25, Dunn is coming to Ames as a redshirt sophomore and one of the most highly recruited punters in the class of 2018.

He also comes from outside the states; a town called Numurkah, Australia. Campbell said Dunn wanted to try American football and came to City College of San Francisco to experience his first year as a punter.

He averaged 40.1 yards per punt on 33 attempts over the course of the season. Dunn also punted 10 balls inside the 20-yard line with his longest punt calculated at 64 yards.

Campbell said he likes that Dunn spent a season in the United States to get familiar with the rules and expectations of college football.

"He's a veteran," Campbell said. "He's already experienced coming over from Australia to the United States, having success in the United States, going through some of these big jumps experiencing college."

Dunn is a two-star punter, according to 247Sports Composite Rating, but is ranked first in the punting position for JUCO players.

Campbell will look to have Dunn replace Downing for next season, but Campbell has said the JUCO punter isn't the only player who's competing for that spot.

Downing was the face of special teams for his four years at Iowa State. Over his four-year career, he punted for 9,944 yards on 246 punts, averaging 40.42 yards per punt. His longest punt in his career was 67 yards during his junior year and he had 79 punts inside the 20-yard line over his career.

"I think he's certainly ready made in a lot of ways to come in and take over that responsibility," Campbell said. "We certainly have young men in our program that are gonna compete with him. I'm really excited Corey is one of the, literally if not the best, one of the best in the country."

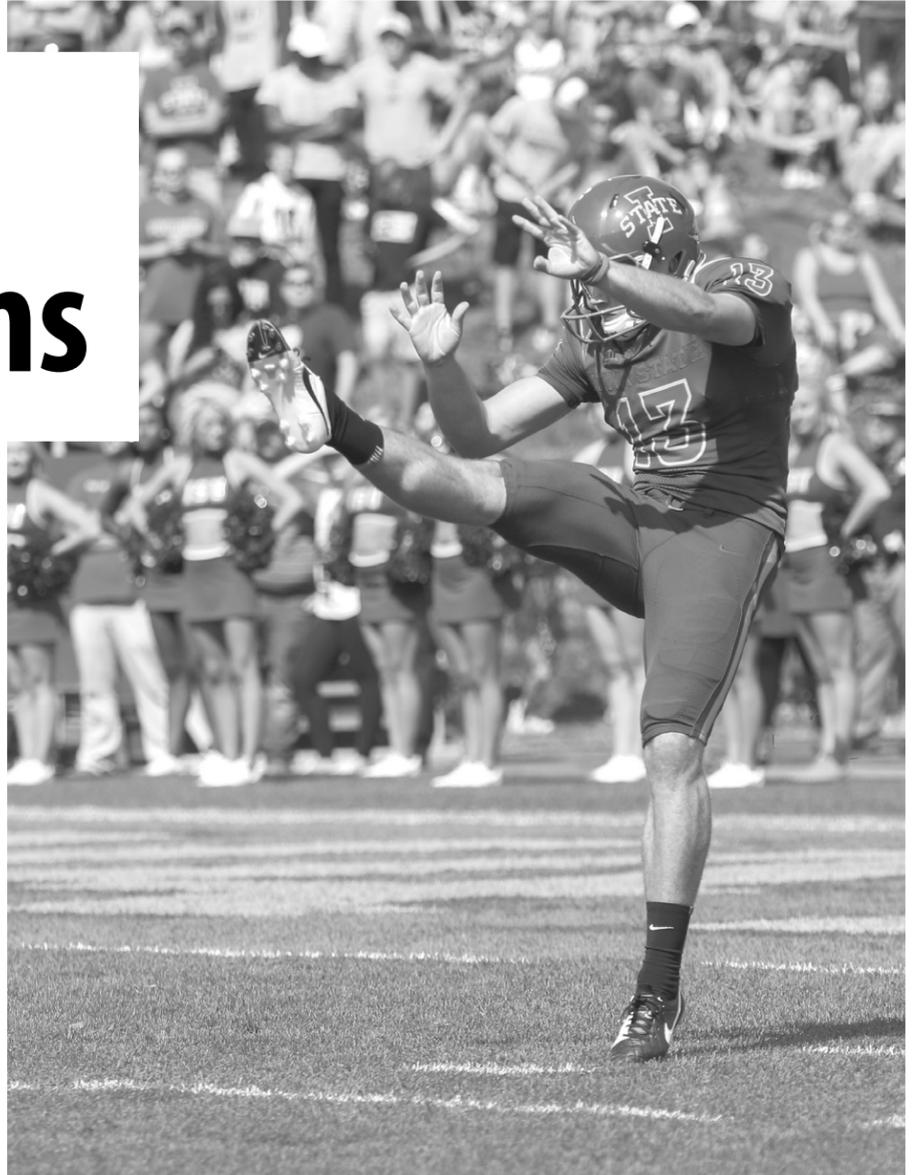
Then, turn your attention to Narveson. He's from the United States, specifically Scottsdale, Arizona.

He's a three-star kicker, according to 247Sports Composite, and is ranked 12th in the kicking position and 23rd in the state of Arizona.

Narveson has a big leg and his statistics from last season proved it. He kicked 63 kickoffs and 49 of them were touchbacks.

Along with his kickoffs, he went 10-for-15 on field goal attempts while connecting on a 58-yard field goal. He also hit 40 of his 43 extra point attempts throughout his senior season.

"Brayden comes in and he's a guy that's in the kicking situation where he's a true freshman and he's got a phenomenal ability, but we also got some guys in the program too where



EMILY BLOBAUM/ IOWA STATE DAILY

Iowa State punter Colin Downing kicks the ball downfield during the annual CyHawk football game Sept. 9, 2017. Redshirt sophomore and Australia native Corey Dunn was recruited to the Cyclones to replace Downing in the 2018 season.

we don't have to give him everything," Campbell said. "We can let Brayden kind of slowly continue to take his craft and push it, but Brayden's here, he's going to be here all spring long."

Campbell is excited to have him at Iowa State this spring and learning his position in college football during the spring practice time. Even though Narveson was recruited this season, Campbell wanted to make it clear that he isn't guaranteed the starting kicker spot.

"He gets to make mistakes," Campbell said. "So, there's some competition which I think is really good and he gets to feel the pressure of that and experience that and do that."

Iowa State has former starting kicker Owens graduating this May, but there are five place kickers on the roster, including Narveson. Campbell mentioned names like redshirt sophomore Connor Assalley and redshirt senior Chris Francis that could be competition for Narveson.

Campbell expects Narveson to be a vital player on the special team's unit, but he can see multiple kickers having an impact on the 2018 season.

"Joe Houston has done an incredible job with our specialists," Campbell said. "Their performance has shown why [he's done an incredible job]."



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ENTERTAINMENT

Andrea Gibson advocates for peace, pride and poetry

BY CAROLINE SHAW
@iowastatedaily.com

Spoken word artist Andrea Gibson will bring poetry and music to the Maintenance Shop Thursday evening. The show will include original works from Gibson that highlight life and society.

Gibson boasts three collections of poetry and seven full-length albums, and is currently working on an illustrated collection of memorable quotes.

Gibson also goes by the name Andrew, and uses gender-neutral pronouns. Much of their poetry deals with social issues including LGBTQ+ topics such as gender. Poems including “Swing Set” and “Andrew” directly address it.

Gibson’s poetry collaborates with the work of musicians to fully capture the emotion of the very real subjects that are presented. These subjects include not only LGBTQ+ issues like gender, but also other issues that press upon our society.

Gibson’s most recent release, “Hey Galaxy,” was built while they were pursuing another project. Working on an album about love, Gibson was surrounded by the 2016 presidential campaign and election and decided

to take a new direction. They went with an approach that focused more on social justice.

“I wanted to make something political and human and gusty in its revolt,” Gibson says in a quote on their Spotify page. “Something beautiful in its sweetness and rage and vulnerability. Something loud and tender at the same time.”

Born in Calais, Maine, Gibson eventually made their way to Boulder, Colorado. It was here, with their girlfriend, they attended a show and found a desire to become a spoken word artist. Boulder was also the city where Gibson performed their first show.

Since the beginning of their career, Gibson has performed at a variety of events such as anti-war and peace rallies and pride events. In such organizations, Gibson participates in activism for causes that correspond with the content of their art.

Over the course of that career, Gibson has been granted a number of awards. They won the first ever Woman of the World Poetry Slam in 2008. They also finished fourth at the 2004 National Poetry Slam, and

third at the 2006 and 2007 Individual World Poetry Slams, as well as claiming the Denver Grand Slam Champion title four times.

Gibson is in the midst of a tour that will pass through much of the country and a few venues abroad.

The Maintenance Shop will be equipped with 150 seats for the event.

“We’re expecting it to be pretty full,” said Angela Chamberlain, Maintenance Shop Co-director.

Spoken word is not an art form that comes to the venue in this capacity often. It is not uncommon during open-mic nights and the venue does play host to comedy on a fairly regular basis. This show will offer something unique that is outside what Chamberlain usually sees and works with.

“We usually focus on music,” Chamberlain said. “I think it will be really interesting.”

This Maintenance Shop event can lend itself to someone interested in poetry, language, or even music. The show is free and begins at 8 p.m. Doors will open at 7:30 p.m.

For more information visit the Student Union Board’s website.

COURTESY OF SUB
“I wanted to make something political and human and gusty in its revolt,” said Andrea Gibson, spoken word artist who also goes by the name Andrew.

ART

ReACT Gallery partners with Green Dot program

BY MELANIE VANHORN
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The distinct colors of a stoplight are etched in our minds in early childhood: green means go, red means stop. But in University Museum’s ReACT gallery, dozens of round green stickers represent much more than traffic signals. Green Dots are a call to action.

The exhibit, which opened Jan. 22, was done in coordination with the new Green Dot program at Iowa State. According to the Student Wellness site, a “green dot” is defined as “any choice, behavior, word or attitude that promotes safety for everyone and communicates utter intolerance for power-based personal violence in our Iowa State University Community.”

The exhibit was curated by Nancy Gebhart, educator of visual literacy and learning for University Museums, who was inspired after she attended a meeting about the Green Dot program. Both the Green Dot program and the ReACT gallery seek to inspire students to take action in their community.

“It’s not just about having an experience in the gallery, but an action outside the gallery,” Gebhart said.

In addition to green dots, there are red dots and barriers. Red dots are negative or violent acts that harm others, while barriers are what may restrict a person from reaching out to someone to take

action.

“You’re not just trying to eliminate those barriers, but to recognize them and find out how to take action with those barriers,” Gebhart said.

“What Green Dot teaches us is that walking by and saying hello – that can go a long way. It’s a way to say, ‘I hear you,’” Gebhart said.

Gebhart said many people don’t engage in the conversations surrounding power-based violence because of a lack of knowledge or awareness about the subject.

“They fear they’ll say the wrong thing, so they don’t say anything,” Gebhart said.

Though there have been many events, seminars and programs surrounding the Green Dot program at Iowa State, Gebhart believes art

provides a different way for people to learn and process the information surrounding the program. She noted that several people who had undergone training sessions with Green Dot said they experienced something or viewed something differently because the art prompted them.

“Art can help us process emotions and practice empathy,” Gebhart said.

Each week, the Green Dot program holds an activity or event in connection with the ReACT Gallery. On Thursday, Feb. 1 from 11 a.m. to 1 p.m., the Green Dot program will be partnering with Special Collections and University Archives for a trivia scavenger hunt. The hunt begins at Parks Library and ends at the ReACT gallery.

The exhibit will remain open until Feb. 16.



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CHRIS JORGENSEN/ IOWA STATE DAILY

The Nintimdo created by Lindquist plays video games made before 2000 on a modern console.

FLOPPERATUS

Another Hackathon project, this time scoring third place overall, the Flopperatus uses floppy disk drives to play MIDI music files. MIDI files are similar to sheet music on a computer, they explain how to play a note's tone, length, pitch, etc.

The device can play various songs such as the Mario theme song, "He's a Pirate" from "Pirates of the Caribbean" and other songs from movies and video games.

Lindquist and Hladik both agree the biggest roadblock in this project was converting MIDI files to something the drives could use.

Two other students, Justin Wheeler and Josh Lendi, also helped work on this project.

Professors around campus see something in Lindquist and Hladik that they don't necessarily see in every student.

Geiger, their professor for EE 330 who also works with Lindquist in his research, described both as outstanding and Lindquist as "one of my top students I've worked with over the past

several years."

Joseph Zambreno, professor in electrical and computer engineering, described Hladik as having an "excitement for technology and computer engineering and was definitely different than the typical student" and that he "was someone who would come to office hours not because he was struggling with any part of the course, but because he wanted to do more."

Hladik, senior in computer engineering, is going to work for Rockwell Collins after college and is interested in going back to school to get a master's degree or even doctorate after some time in the industry.

Currently Lindquist is in graduate school at Iowa State in computer and electrical engineering. Lindquist plans to go to school for as long as possible.

More of his projects including a wireless web of sensors for the agriculture industry are available to look at on his website.

Geiger said Lindquist has potential "for moving to the top of the field."

>> TECH PG1

NINTIMDO RP

ANintimdo is Lindquist's personal project. A video of its creation can be found on his YouTube channel, TimEE. The project was a summer project inspired by the Nintendo Switch, but made to play games from almost every console pre-2000, including the original Playstation, Dreamcast, Nintendo 64 and Atari.

The project cost Lindquist about \$300 for the Raspberry Pi, touchscreen, controls from a Nintendo Wii classic controller and 3-D printed case.

Lindquist said he had more fun building it than he does playing it.



CHRIS JORGENSEN/ IOWA STATE DAILY

Created by Lindquist and Hladik, this large apparatus uses old hard drives to play music. The machine is connected to a laptop which sends the music files, and each hard drive plays a specific note.

>> MENTOR PG2

see the world scientifically."

She also thinks an adequate scientist should be familiar with multiple fields in science. She still reads about math and physics related books in her spare time to be a versatile science student and researcher.

Nguyen will get her doctorate degree in 2019. She first wants to find a job at a professional company that applies her knowledge to practical use.

"I want to get a feel about the real world, because the stress in workforce is completely different from the stress in school environ-

ment," she said.

She has a passion for developing cosmetic products. She thinks women always try to make themselves look better, but it's not about how other people view them, it's about how they want to take care of themselves. She wants to use her knowledge and skills to make women feel good and beautiful.

Lan Hu, Graduate Assistant-Researcher in ISU Chemistry department and Nguyen's close friend, said Nguyen is always upbeat in life and that nothing can bring her down.

"She is easy going and happy all the time. She is patient and helpful with all the undergraduate students she has mentored," said Hu.

"Sometimes the research work can be really tedious and difficult, but she always keeps her head up and bring the positive vibe to her friends and co-workers."

For her other major role as the president of the International Career Council (ICC), she is responsible for helping international students at Iowa State to find approaches and solutions regarding internships, co-ops and full time positions.

Nguyen heard about ICC in August 2017 and wanted to be a part of an organization that prepares students for work environment.

"Many of my friends were graduating the end of last year and starting to looking for jobs.

I was curious about that, so I looked through the student organization website and found ICC. I registered and joined the email newsletter. I started to go to meetings and activities."

She showed major interest and passion about the organization and career oriented topics. The president at the time decided to consider Nguyen for the next presidential candidate.

From a new ICC member to the president, it only took Yen one month.

"I just have this strong curiosity for life. Most of the time, that's the drive force for me. Try new things, do new things and be good at new things."



JILLIAN ALT/ IOWA STATE DAILY

Graduate and Professional Student Senate President Vivek Lawana, a graduate assistant in biomedical sciences, presents his research at a three-minute thesis competition on Nov. 6.

>> GPSS PG3

said. "We have yet to conduct more evaluations."

Natukunda said someone running for PAG chair should have great leadership qualities, be very organized, have a passion for service, planning skills and patience.

"[The next PAG chair] needs to be patient. Emails from students having troubles with their applications can sometimes get overwhelming," Natukunda said.

Finally, the research conference chair position is held by Hannah Dong, graduate student in apparel, events and hospitality management.

Throughout the 2017-2018 school year, her project has been to organize the fifth GPSS Research Conference. She communicates with departments all across campus to coordinate the event and make it the best it can be.

Her responsibilities as the research conference chair are to chair the Graduate and Professional Student Research Conference (GPSRC) committee and report to the senate for approval of regular sessions and on all income and expenses for the GPSRC.

"[The research conference chair] needs to be someone who has the passion to lead the research conference, have good leadership skills, like to learn new things, have problem-solving skills and be good at teamwork," Dong said.