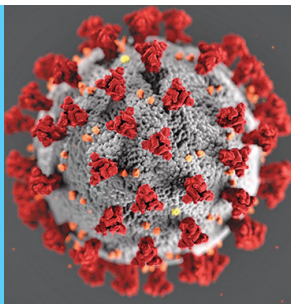


## COVID ON CAMPUS

University officials have reported the number of positive coronavirus cases on all NWOSU campuses. PAGE 11



## GET CONNECTED

Representatives from Pinnacle Business Solutions answer questions about NWOSU's WiFi. PAGE 2



# NORTHWESTERN NEWS

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## COPING WITH COVID

### Nursing students practice telehealth

During pandemic, students able to learn about new health technology

By **GEORGE SMITH**  
Student Reporter

Students enrolled in Northwestern's doctor of nursing program were in for a huge change last semester.

Normally, nursing students would be practicing the skills they learned in the classroom and applying them in the real world during the spring semester of their last year.

But they didn't have the semester they expected.

"The big medical centers were closed to students," said Dr. Pat Thompson, director of the Wisdom Family Foundation Doctoral Program for Rural Nursing Practice. "However, some of the students were able to stay in their clinics, with the preceptors and students going to patients' cars to triage and care for them."

With medical centers closing



**Dr. Pat Thompson**

around the nation, the need for a type of healthcare that has long been left to Google and WebMD rose to meet the demands of the declining number of in-person clinics: telehealth.

Telehealth is an emerging source of healthcare. It provides a more personalized healthcare visit and puts quality care at a person's convenience, Thompson said.

"Our students were able to see the tremendous explosion in use of telehealth," she said. "Healthcare facilities are being

See **NURSING**, Page 3

## SAFETY NET?



Photo by Jordan Green

Northwestern sophomore Brenner Clark plays volleyball near Coronado Hall in this August photo.

### Students are asked to follow COVID-19 precautions when playing sports

By **SEAN DOHERTY**  
Student Reporter

With dorm visitation limited, Northwestern students are ventur-

ing out from their residence halls in search of new activities to peak their interests.

They found one of those activities right outside the doors of Coronado Hall.

"What we've got is a fantastic group of young people that have been enjoying the volleyball court, which is something we love to see," said Matt Adair, housing director and assistant

dean of student affairs. "It's been very organic. It's not like an organized activity, it's just a bunch of students going out there and playing volleyball, playing kickball, having a good time."

The volleyball pit, intramural field and recently refurbished tennis and basketball courts saw light activity in years past, but they've become popular with

See **VOLLEYBALL**, Page 3

## Janitors cleaning doorknobs and dorms to stop spread of coronavirus on campus

By **LOGAN MERIWETHER**  
Student Reporter

A group of Northwestern employees is working behind the scenes to help stop the spread of COVID-19.

These people are the custodians. They have been working to keep students and faculty safe. They go to classrooms and bathrooms twice a day, wiping down desks, chairs and doorknobs to keep everything disinfected.

Dean Kilgore and Jeffery Lee are two custodians who are constantly on the move from building to building, keeping things clean.

Kilgore has been working on campus since 1995 and has dealt with many different things, but nothing

like COVID-19, he said.

"I've seen many changes on campus in my 25 years working here, but now things seem to change every day," Kilgore said.

Lee, who has worked at Northwestern for six years, cleans in the morning and at noon every day.

Lee said he stays consistently busy all day by cleaning tables, doorknobs and bathrooms, making sure they are sanitary for people to use. He also goes to residence halls one time each weekend and helps clean them.

Going from room to room and cleaning all of the doors and bathrooms in the dorms is an all-day affair, Lee said. But it is necessary to help keep the virus from spreading in the dorms, he said.

When Lee has to clean the dorms that students

See **JANITORS**, Page 3



Photo by Jara Reeder

Northwestern custodian Dean Kilgore sweeps a sidewalk on Sept. 3.

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News

GETTING CONNECTED

Pinnacle representatives answer questions about new WiFi systems

By JORDAN GREEN  
News Editor

Representatives from Northwestern’s new wireless internet provider visited the campus Tuesday to answer questions about the university’s new WiFi systems.

Alan Bunyard, a network engineer with Edmond-based Pinnacle Business Solutions, talked about the bandwidth the new system offers. He also said the new WiFi systems are helpful to students who play video games, and he addressed the most common problem students have faced when trying to sign-on with the new network: remembering their passwords.

The university purchased the new wireless systems and installed them in residence halls during the summer for roughly \$450,000.

**Q: Thank you for your time, Mr. Bunyard. First of all, tell me about what this new system is.**

A: It is a contiguous system through all of the residential halls, so that means, once connected, your wireless experience should be the same, whether you’re in your own room, in the common areas, the cafeteria, or go to a friend’s room in another hall.

That means, if you hook up a device of your own, like a printer or something that’s on the wireless, you can actually be in a friend’s room and print it, and you don’t have to go in any special location. Basically, your experience should follow you around.

With that, your student login is a personal area network. What that essentially means, it’s kind of like having a “home” experience on a shared platform. I want to connect things I might not normally connect to the school network, like an Amazon Alexa or the Google Homes, and all those IOT kind of devices that – you’re going to be able to connect them to our network that’s private to you.

So when you do connect your personal printer, or you do connect your – some students have a NASH unit, like media students who are storing video files and things like that.

A student came by earlier who is running a website. All of those things are going to be possible, and they’ll be on your personal network. They’ll only be accessible to you unless we do something intentionally to share them with someone else, which that is a thing we can talk about as we move a little further forward.

Students would be able to do things like share printers if they wanted to. Certain things like universal “plug-n-play” is important for gaming systems.

That’s Playstation 4s, your Xbox Ones, or any of the new



Photo by Jordan Green

**ABOVE:** Representatives from Pinnacle Business Solutions of Edmond answer questions students have about the university’s new WiFi systems Monday in Coronado Hall. Pinnacle installed new systems in NWOSU’S residence halls this summer. **BELOW:** The company’s logo is shown in this photo taken in Coronado Hall on Monday.



systems that are coming out, and that’s just a way that your game system tells the Edge firewall, “Hey, I need those ports so that I can connect outside users” if you’re, like, hosting a game or whatever.

So universal “plug-n-play” gives you the best NAT. Gamers are going to know what NAT means because they get that warning when they’re on there. I don’t know what they call it, it’s like an “unfriendly NAT condition” or whatever it is.

They’re looking for a certain thing on there. It’s kind of a “thumbs-up.” It’s automatic. With gaming systems, it’s going to port forward for them, something that wouldn’t normally happen on a campus or ... “enterprise” net-

work because it’s not designed for video games. But this particular system is designed to accommodate that.

**“The biggest challenge is that more than half of the students don’t remember their email password.”**  
— Alan Bunyard

**Q: What is the wireless coverage like?**

A: It’s a little different in every

dorm. Coronado [Hall] here has three rooms in kind of a “suite” with a shared area. We put an AP [access point] in every single group of three rooms.

In the halls that are more traditional, with one room, two beds, and maybe connected with suite mates or whatever, it’s every other room has an AP.

It actually has such coverage that you could even have an access point fail, and you shouldn’t notice because we’ve overlapped them enough. ...

And it also means that you’re not having to share that wireless access point with 100 people, you’re going to be sharing it with, like, five.

So ... it should be a very quick experience with the wireless.

**Q: What should students know about the bandwidth the new systems offer?**

A: That’s actually a little fluid. It’s backed up by an enterprise circuit that’s gigabit speed. And of course, we’re sharing it between almost – well, I think there’s up to 850 students in the residence halls, at max. I don’t know where we’re at this year.

But we limit the speed per student to 25 megabits, and it bursts to 100 megabits.

The reason we do that way is, if you are, say, downloading files, you’re going to be limited to that 25 functionally over a period of time.

But when you’re browsing the internet, you want it to be snappy. ... So for the first 10 seconds of anything you do, it’ll burst to 100.

You’ll have a very quick experience browsing the internet and going to stuff.

It’s fast enough to stream 4K. If you want to stream 4K from Netflix, you can totally do that. And it won’t have any impact on anybody else.

**Q: What improvements to the systems could we see in the future?**

A: There’s some land-party modes, which would be a way to create a temporary land-party.

We may set up some permanently in the residence halls, and that would be, you disconnecting your Xbox from your personal network and then logging it into the land-party, and that way, when you’re all sitting in, say, one of the game rooms with your TVs set up right beside each other, you’re all on the same network, and you don’t have to game out to the internet, so you have really fast ping times, and you’re all sitting in one room.

It’ll be a pretty niche audience probably, but that’s something that we want to set up at some point is the land-party ability.

**Q: What are some of the biggest challenges students have faced with the new systems so far?**

A: The biggest challenge is that more than half of the students don’t remember their email password. It’s one of those things that you “fire and forget,” get logged in one time in your browser, say “Save that password,” and then you don’t really remember it.

You type it in four or five times wrong, and now they can’t log in because they’ve locked their accounts. So we have had some challenges with the passwords, and we’re working on getting the campus IT [department] to give us a way to reset those passwords for students when it comes up.

But yeah, that’s been the majority of the issues we’ve had today.



# News

## NURSING: Students miss residency week

**Continued from Page 1**

innovative in incorporating telehealth in their practices on a permanent basis.”

Although it is in its infancy, telehealth has the capability to go beyond the traditional standard of healthcare for millions of Americans. It converges multiple disciplines into one online platform to provide accurate and personal care for those who are unable to meet healthcare providers in-person, officials say.

Patients can use tools to transmit exam information, including information about heart rates and lung function. However, some health issues cannot be safely addressed through telehealth. For example, patients who complain of acute abdominal pain would have to be physically examined by a nurse practitioner.

The university’s four nursing faculty members – Dr. Shelly Wells, Dr. Courtney Ballina, Dr. Yvette Lowery, and Thompson – were able to use 12 free case studies that were given to them by one of the software companies to which NWOSU students subscribe.

The students already do these case studies, so by adding additional case studies, faculty were afforded the opportunity to hold “grand rounds.” In these exercises, students presented information about patients.

The students discussed patients’ chief complaints, patients’

medical history, and what their physical exams revealed. That information comes through the software program. Then the students, led by the professor, brainstormed treatment plans.

**“Residency week is the week that they all meet face-to-face for the first time and build camaraderie.”**  
— **Dr. Pat Thompson**

This software also gives “expert feedback” from the case study’s developer. The students were able to accumulate all of their 192 clinical hours required for the spring semester and “bank” hours toward their summer clinicals. Student reactions to the grand rounds were positive because the discussions were more in-depth than what might have been possible in a busy clinic, Thompson said.

“The greatest challenge for DNP students was the cancelation of the annual residency week,” Thompson said.

Students have their physical assessment skills validated during this week. They learn about procedures such as suturing, checking for corneal abrasions, remov-

ing warts, and draining abscesses. All of these skills were taught via Zoom in one-on-one meetings with each student.

Additionally, the new Share Medical Center physician, Dr. Bryce Galbraith, presented a PowerPoint lecture on X-ray interpretation. The two physical therapists at Share presented a video presentation of orthopedic examination for ACL tears, sprains and rotator cuff injuries.

“We did hate it that the students missed out on the socialization aspect of residency week,” Thompson said. “They come from all over the state, Ada to OKC, to the Woodward area, Enid and Alva. And residency week is the week that they all meet face-to-face for the first time and build camaraderie.”

Seven nursing students were able to graduate at the end of July, and they would have had a celebration after their poster and podium presentations. But those activities were forced to be done virtually. The other doctor of nursing students were able to watch the poster presentations and get ideas for their future DNP projects, which must be completed before they graduate.

The DNP faculty are hoping for a semester of non-virtual classes, Thompson said, but they were able to think creatively to give the students the best experiences possible, given the constraints of the pandemic.

## What’s up?

**WHAT’S COOKIN’ AT THE CAFE?**

**Friday:**

**Breakfast:** Scrambled Eggs, Meatless Vegetarian Sausage Patty, Biscuit with gravy, Potato Cheese Frittata, French Toast Sticks, Apple Cinnamon Oatmeal, Turkey Sausage Patty, Oatmeal Raisin Scones, Banana Chocolate Chip Quick Bread, Cinnamon Donut Hole

**Lunch:** BBQ Pulled Pork, Brown Sugar Baked Beans, Potato Casserole, Ratatouille w/ Cannellini Beans

**Dinner:** Grilled Marinated Tilapia, Brown Basmati Rice Pilaf, Sauteed Squash, Bean and Tomato Chili

**Saturday:**

**Breakfast:**

Scrambled Eggs, Meatless Vegetarian Sausage Patty, Biscuit with gravy, Vegetable Frittata, Baked Blueberry French Toast, Chocolate Oatmeal, Fried Hash Brown Patty, Pork Bacon, Mini-Vanilla Crown Danish, Cinnamon Twist, Mocha Cappuccino Muffin.

**Lunch:** Herb Citrus Whole Chicken, Roasted Tomatoes, Steamed Zucchini, Jerk Tofu Steak w/ Mango Salsa, Pizza, Soup, Daily Grill, Pasta, Stir Fry, Salad, Dessert.

**Dinner:**

Thyme and Garlic Roasted Turkey Breast, Broccoli, Lemon, and Garlic Penne Pasta, Herb Roasted Potato Wedges, Parmesan Roasted Carrots



Northwestern custodian Jeffery Lee cleans a doorknob on Sept. 3.

## JANITORS: Custodians look out for their safety at work

**Continued from Page 1**

have been quarantined in, he uses extra precautions and makes sure he is desensitized before moving on to clean any other rooms, he said.

Kilgore and Lee are watching out for their own safety as well as the safety of students. They wear

their masks at all times and wash their hands consistently to keep from spreading the virus. They are required to wear gloves at all times while cleaning, and they change their gloves after cleaning each room. The custodians are also making sure they do their part to practice social distancing.

## VOLLEYBALL: Housing officials say they don’t want to write tickets if they don’t have to

**Continued from Page 1**

students this fall.

“There’s times when there’s been over a hundred people out there,” Adair said. “The competition out there—we’ve went and watched a few times—it looks like it’s been really, really fun. I’ve even seen the kids bring out big speaker systems and play music.”

Adair says the university isn’t requiring students to wear masks while participating in the games, but officials do encourage students to practice social distancing and wear masks.

“We want them to be able to enjoy the outdoors as much as possible, and I know that’s a great way to get a break from wearing a mask,” Adair said. “It’s just with the pandemic, when we see that much of a crowd gathered out there, we want them to be as safe as possible.”

These get-togethers are just one way students are adapting to socializing on campus with new COVID-19 rules in place.

Dorm residents from different residence halls may gather in public areas of the residence halls while maintaining social distancing and wearing masks. Residents may only enter dorm

rooms in the residence hall in which they live, and no more than two people are allowed in a dorm room at a time. No outside guests are allowed in the dorms. Not wearing a mask – or improperly wearing mask – could cost students \$25 per offense.

Resident assistants from all four residence halls monitor the outside activity and remind students to follow safety guidelines.

“I think it’s a good chance for (students) to get to engage one another and get to know one another,” said Dustin Goodno, head resident of Coronado Hall. “There may be a student out there that maybe you haven’t had a class with, but maybe you get to know because you met him at the volleyball pits, or you met them at the intramural field – somebody who could end up being a friend for the next four years for you.”

Goodno says students have complied with the new rules, and he said he sees no need for RAs to start handing out tickets. Adair agrees. But some students still see it as being too much.

“I appreciate them worrying about us,” said Chris Green, a freshman criminal justice major from Waynoka. “But we’re our

own people, and we can take care of ourselves.”

Green, who lives in Coronado Hall, meets his girlfriend on the field to hang out.

“I’d like to go and hang out with [her] and chill in her room so she can make me some waffles, but the RAs won’t even allow it,” he said.

Adair and Goodno said these rules are in place for students’ safety.

“Obviously, I don’t want to have to tell my RA to go down and start writing tickets,” Goodno said. “That’s something we don’t want to do. The biggest thing is just encouraging it.”

“We’ve written no tickets, we haven’t shut down any of the events, and we don’t have any plans to,” Adair said. “We love to see the kids out there having a good time. We just want them to do their best to keep safety and health at the top of their mind.”

“I like seeing them out there, being able to engage one another, whether they’re playing kickball or some of these other games,” Goodno said. “I know that they’ve got a volleyball tournament coming up next week, so I’ll be anxious to see how that goes.”



# County fair reduced to one-day event

By **KEVIN FORD**  
*Assistant Editor*

With help from the Aggie Club, the Woods County Fair’s livestock show will go on as planned this Friday.

The coronavirus pandemic changed a handful of activities, forcing the annual Woods County Fair to go from a three-day schedule to a brief, one-day, all-inclusive event.

“We had to rethink and do some changes to the schedule,” Greg Highfill, county extension director and agricultural educator, said. “We had to cancel all indoor events in response to the pandemic.”

Highfill has been the county extension director for eight years. Since 2012, no other year has forced adjustments like 2020 has, he said. The livestock show will still go on as planned, beginning with the swine show at 9 a.m. Friday at the fairgrounds.

In addition to the livestock show, poultry and gardening shows are also taking entries for a showcase event. These shows are taking place on Friday as well, Highfill said. Entries have gone up, though not as much for the livestock show. But it is still looking to have a big turnout, he said.

Because of the pandemic, there will be fewer volunteers helping out. It would be too risky to have all of the volunteers who would normally participate come out and be exposed to large crowds, Highfill said. That is the main reason why the indoor

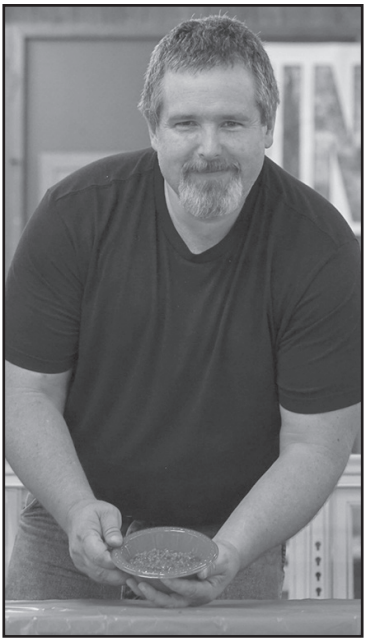


Photos by Jordan Green  
**ABOVE:** A young boy looks at rabbits on display at the Woods County Fair in 2019. **BELOW:** Gregory McClure won third place in the chili-cooking contest with his homemade chili at the county fair in 2019.

events cannot take place.

The livestock schedule is set up to use an all-in and all-out format that will reduce the amount of time spent at the fairgrounds by the exhibitors and their animals. Each event takes place at a specific time. This setup allows for smooth transitions between preparing for the show and reduces staggered movements between people at the fairgrounds.

Despite the adjustments, Highfill said, organizers are excited for the event. People who attend the event will get to enjoy different livestock shows, as the horse show is also scheduled to go Friday, he said.



**ABOVE:** Carlee and Sierra Trekell smile for the camera while taking sips of their fruit-flavored drinks at the county fair. **BELOW:** Country music singer Autumn Ragland performs at the county fair in 2019.



## Northwestern reports 15 COVID-19 cases

By **JORDAN GREEN**  
*News Editor*

Fifteen Northwestern students have tested positive for the coronavirus, an increase of nine students since Aug. 28, university officials said Sept. 4.

In a recent email to students, Northwestern President Janet Cunningham said the total number of positive COVID-19 cases among Northwestern students includes cases at all of the university’s campuses in Alva, Enid, and Woodward.

Officials did not identify the students who tested positive for the virus. No university employees have tested positive for the virus, officials said.

Officials first reported on Aug. 28 the number of students who have COVID-19. At the time, six students had tested positive for it.

University officials will report the number of active COVID-19 cases each Friday on the university’s website, Cunningham said.

To see the number of cases on all campuses, visit <https://www.nwosu.edu/coronavirus/active-covid-19-cases-nwosu>.

As of press time Wednesday, the City of Alva had 27 cases of the virus. Nineteen of the people who tested positive for the virus have recovered, leaving eight active cases in the city.

Woods County had 33 positive COVID-19 cases. Twenty-five people have recovered from the virus, leaving eight positive cases in the county.

No one in the county has died from the virus, officials said.

The State of Oklahoma had 65,929 cases of the virus as of press time, data from the Oklahoma State Health Department shows. Of those cases, 9,661 are active. Statewide, 55,405 people have recovered from the virus, and 863 people have died from it.

The U.S. has more than six million cases of the virus. More than 189,000 Americans have died from it, and more than two million have recovered from it.

## Mosburg discusses safety in dorms

By **JARA REEDER**  
*Photo Editor*

Caleb Mosburg, dean of student affairs, sat down with the Northwestern News to discuss how the university is working to contain the spread of COVID-19 in residence halls.

**Q: How are university housing officials working to contain the spread of COVID-19 in dormitories?**

A: They’re working directly with me. So, as soon as we have anybody identified as a positive case or direct contact with a positive case, we’re working on the quarantine protocols — that students need to quarantine in the dorms or they’re going home and staying off campus until we can get a negative test result.

**Q: How can the coronavirus spread in dormitories?**

A: Well, if we don’t quarantine the cases that we know of that have been identified, or if we don’t start working the quarantine procedures to have students quarantine, or they are positive is isolated but have

them in a location where they are not in contact with another person, they can potentially infect them. But we get them to the location where we can prevent it from going any further. So, everything that we’re doing in the dormitories, which directly comes from communication from my office to Mr. Adair, our assistant dean of student affairs and recruitment, he is working at communication to the head residents and RAs so that they are working to get everything, and then everybody communicating in this. What’s the biggest piece of this whole thing is just communication and making sure were communicating quickly and in officially to those that are involved in the situation.

**Q: What are the practices you’re encouraging students to use?**

A: So again mask, social distancing even in the dorms I mean as much as possible you know we have started the process and then as far as the dormitory you know they are writing tickets if they’re seeing students that are just continuously not have their masks

properly on, their writing tickets and so where were forcing that continuously to make sure that we were working to mitigate any further spread if it. so that mask plays a big role in it but making sure the students are not congregating in other rooms because as we can tell if you have others that are coming into a room and into your congregating in one person test positive now you have all those people that were in there together talking in one room that would now have to be quarantine.

**Q: How often are custodial crews cleaning dormitories?**

A: We have custodial staff assigned to each of those dorms daily. We also have additional cleaning procedures that is done by an outside party that we have that’s coming in and helping sanitize and disinfect and do all sorts of things to help. We’re doing as much as we can with, I think a lot of great effort to make sure that we were disinfecting and cleaning it and taking care of things as much as you possibly can.