

Facilities Focus – Fall 2020

The quarterly newsletter of CSU Facilities Management

Employee Spotlight: Kimberly Bartlett



Kimberly Bartlett is a Remodel and Construction Services' interior designer. RCS has a small design team that manages hundreds of projects throughout the year and Kimberly oversees the interior design, furniture, and finish selections on most projects. She started at Colorado State University as a student in the interior design program and was selected for an internship with RCS in 2016. As the internship progressed Kimberly's scope of work grew, with additional challenges and responsibilities. Her work was so successful that she was offered and accepted the full-time position in May 2018.

In addition to her design work, Kimberly also supervises the rotating CSU interior design intern(s). Prior to attending CSU and attaining her second Bachelor's degree, she was a student in New York who went on to teach early elementary classes to children in various places including China, England, and Colorado. While working with school children, Kimberly loved that they would draw floor plans with chalk and create fun colorful artwork. Though she enjoyed teaching, design has always been a passion.

When asked what her "dream job for a week" would be, she said she would like to travel to a country where communities need educational resources and to help teach. Traveling is in Kimberly's blood and her bucket list includes Japan and Northern Africa, including Morocco. While traveling in Thailand, she went to an elephant sanctuary and learned if she were ever to be "turned into an animal", it would most likely be an elephant since they are smart, playful, and sweet. In addition to her love for elephants, Kimberly is a lover of all animals including the less desired snakes she finds in her garden. She is also her household's designated spider hunter! Whether hunting spiders or hunting missing paint swatches from the design studio, Kimberly is always up for the challenge!



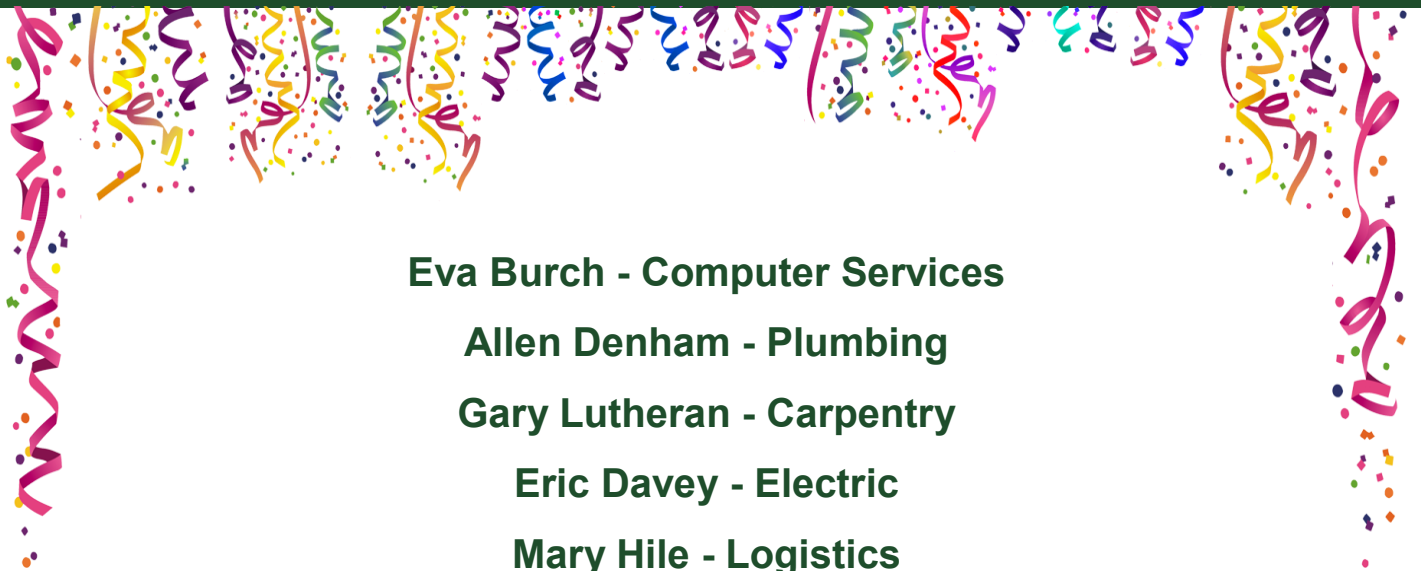


Nestor Flores (Computer Services)

Jackie Robledo (Operations)

Marcus Adams (Utility plant)

Jerry Alvarez (Custodial)



Eva Burch - Computer Services

Allen Denham - Plumbing

Gary Lutheran - Carpentry

Eric Davey - Electric

Mary Hile - Logistics

Gary Longmore - Custodial

Darlene Maki - Finance

Ron Owen - Grounds

Saul Gutierrez - Custodial

Randal Paulus - Foothills Crew

Irene Anguiano - Logistics

Gary Warner - District Electric



**Congratulations to the following employees who
have reached their service milestones!**

5 Years

Adam Anderson

Steve Brubacher

Jason Craft

Drew Douglas

Anthony Foster

Donald James

Kent Curtis

Craig Bieber

Shawna Breit

Daniel Layne

David Lucas

Joseph Gallegos

Andrew Aragon

Robert Sanchez Jr.

Dustin Graham

Robert Duszynski

Shannon Obering

Dustin Pothour

Juan Ramirez

10 Years

Ben Duran

Steve Mccarthy

Paul Christianson

Tom Zino

Andrea Martinez

Brian Sedlak

Matthew Murphy

William Caughron

Denver Hernandez

Michael Lewis

15 Years

Michael Mahony

Mike Rush

Javier Gonzalez-
Ramos**20 Years**

Kenny Luna

Michelle Tate

25 Years

Richard Martinez

Sheela Backen

30 Years

Carol Carroll





Engagement & Recognition Committee Updates

By Joan Paulson, Custodial Supervisor

The Engagement and Recognition Committee recently held elections for the 2020/2021 year. The Co-Chairs will remain the same with Rita Schmid and Karin Rees remaining in their positions. The position of Secretary/Email Officer remains unfilled but there is great hope a current committee member will step up to help fill that position. Two sub-committees have been formed within the committee, one to concentrate on the SPARK Award process and the other to concentrate on specific Events and Recognition processes.

As a reminder, SPARK Awards continue to be given to employees, including those working remotely. Employees working from home have similar responsibilities to those working on campus and have the ability to be recognized for exhibiting our core values. SPARK cards are available to all Supervisors and although the process for redeeming them is bit different, the committee has seen a good number of them come in for redemption.

It is time also to randomly draw a name for this Quarter's SPARK Award from eligible recipients who have enacted Facilities Management Core Values. This quarter's recipient will receive a total of \$250 (taxable) gift card(s) of the recipient's choosing.

Congratulations **Dee Castaneda**, the Quarterly SPARK Award recipient for this quarter!



Times continue to be stressful out there, please be safe!



Greetings FM team,

The Fall 2020 semester is underway, and you and your FM teammates have contributed greatly by preparing classrooms for social distancing, installing COVID-related signs, increasing cleaning and disinfection, or modifying building ventilations systems to ensure healthy environments. Now please recall our spring FM town halls when we discussed FY21 budget reductions, and the need to creatively manage our valuable resources. With a limited FY21 FM budget, we must be selective in our decisions including which vacancies to fill or to leave vacant. We can also choose to fill a vacancy on a temporary basis with existing staff. Called “supplemental duties”, this is one powerful example we are using at FM as it relates to the vacant Assistant Trades Manager position. FM leadership decided to assign the Assistant Trades Manager duties to select staff members for 6 months at a time. By assigning these supplemental duties within our own FM team, we are providing valuable experience to these select individuals, and creating career progression opportunities while saving 90% of the salary costs of a full-time hire (savings of \$160,000 over two years). After developing selection criteria and designing a training program, the opportunity was advertised to the FM team. Ten candidates were interviewed for the opportunity to share their qualifications and desire to gain this valuable leadership and management experience. I am pleased to announce the four finalists selected to each serve their six-month rotation as Interim Assistant Trades Manager: Chuck Johnson (Plumbing), Cameo Banks (HVAC), Denise Sheahan (Foothills/South Campus) and Bill Osusky (Building Operations Second Shift). I am also encouraged that our dedicated and inclusive process resulted in a finalist pool with diverse representation of both color, gender and work experience. Our search committee consisted of Tet Sanchez, James Galindo (Custodial), Kristy Millsapps (LSC), and Michelle Alexander (Tetrad). Here is what our Operations leadership had to say about the process:

Tet Sanchez: “Providing this training opportunity to internal FM staff generated more interest that I believed it would. I was happy to see the level of qualified candidates that applied. External members of the search committee were impressed by the process and looking forward to taking the idea back to their own departments. I look forward to the months ahead and providing each finalist with valuable knowledge of the position.”

Sandy Sheahan: “Thank you to all FM employees that stepped forward and competed for this challenging opportunity. A sincere congratulations to the four finalists: Bill, Cameo, Chuck, and Denise. Each one of them will bring a unique skill set and I am confident that each will do a fine job.”

Also note that the choice to participate in this opportunity does not prevent employees from applying for the Assistant Trades Manager when the position is officially opened for recruitment and permanent full-time hire.

Please join me in congratulating each of these finalists for their selection from a competitive pool of candidates!

Sincerely,



Interim Trades Manager Highlight - Chuck Johnson

Over the next four issues, Facility Focus will showcase four individuals who are each working a 6-month interim position for the Assistant Trades Manager position. The first *Employee Spotlight* is Chuck Johnson. Chuck is Facilities Management's Plumbing Maintenance Supervisor and has occupied this role for over two and a half years, just surpassing his fifth year with CSU. Daily operations include providing maintenance and repair to all water, gas, and sewer lines on the Main, South, Foothills and East Campus'. He also oversees the campus' reverse-osmosis deionized water, and heating systems in buildings. In addition to his duties for FM, he still finds time to work at a local nursing facility. When stepping away from "work" Chuck finds himself, again working, on his custom 2017 Ford Mustang.

Chuck has called Fort Collins home for 18 years and says he could not wish for a better homestead. Chuck was born in Kingston, Jamaica and as a young child moved to Jamaica Queens, New York with his family. Watching his dad work on cars as a young child, instilled his own passion for automobiles. However, it was not until vocational school that Chuck found his love for working with his hands and tools. Graduating at the age of just 17, he began working for a Welding Union in New York City. After a few years of work, he joined the military and attended boot-camp and training in both Missouri and Kansas. After military service, he found himself heading further west, to Fort Collins with his family and has been here ever since. These experiences can be seen through his achievement and roles with Facilities Management. Growing up he saw the meticulous effort his dad displayed in his cars, he worked in the competitive atmosphere of the Welding Unions in New York and learned leadership through military training. Chuck is looking forward to the interim position and the experience gained with "boots on the ground" mentality.



The FM Diversity Team would like to highlight the upcoming 20th Annual Diversity Symposium being held October 19-23. Facilities Management employees are encouraged to attend one or more sessions as there are critical learning opportunities for the FM and overall Colorado State University community.



virtual
20TH ANNUAL
DIVERSITY
SYMPOSIUM
OCTOBER 19 – 23, 2020

KEYNOTE BY
DR. MELINA ABDULLAH

Dr. Abdullah is a recognized expert on race, gender, class, and social movements. She was among the original group of organizers that convened to form Black Lives Matter and is a Professor and former Chair of Pan-African Studies at California State University, Los Angeles.



- Engage with topics surrounding diversity & inclusion
- 100% virtual format
- Open to CSU students, faculty, and staff
- 35+ sessions
- Live Zoom presentations + prerecorded videos
- CSU Inspire



**VICE PRESIDENT
FOR DIVERSITY
COLORADO STATE UNIVERSITY**

diversity.colostate.edu/symposium

The 2020 Symposium is FREE and open to all Colorado State University faculty, staff, and students. Registration is required, so sign up online as soon as possible and plan with your supervisor for this once a year opportunity. Click [here](#) for more information on the Symposium and for the complete schedule.

Have comments, suggestions or ideas for the FM Diversity Team? Send them to the team's email at: fac_diversity_team@mail.colostate.edu

Also, check the FM Diversity webpage for updates at: <https://www.fm.colostate.edu/diversity>

Resource Allocation Plan (RAP)

Reminder!

The RAP budget suggestion box is located in the FM North Breakroom. Please submit your ideas on the forms provided. You can also approach your supervisor or email Karin Rees at Karin.Rees@colostate.edu if working remotely. Thank you!



We've been using AiM for a few months now but it is still improving and expanding. The Key Desk continues to work on the monumental task of getting key codes manually entered into AiM. Lori, Christina, Amy, and Jae have been working on this task since May. They verify that the key code (lock id) still exist on campus, the building(s) that use it, and which room(s) it opens. Once verified, the key information is entered in AiM. They are about halfway through the estimated 25,000 key records and have around 30 to 35 more buildings to go. Currently, Jae inputs most of the information and is a tremendous asset for the project.

Once key records are complete, key holder information gets entered. The goal is to export the data from MPAC and import it into AiM. With luck, rectifying unmatched records will be minimal. AiM is more flexible and accommodates different types of key systems and FM can implement lock information tailored to our needs. The goal will be a paperless process for requesting, cutting, and assigning keys to personnel.

There is still more to implement in AiM. The full implementation of the ReADY portal is in the works. ReADY is the portal where our customers can report a maintenance issue on campus, request a key, or look up space data. The portal is accessed from Facilities Management's home page by clicking on the "Ram Works" logo.

You can read about all the AiM Champions in the next few pages of this newsletter. All of these FM team members made significant contributions to AiM's success!

If you have any questions or suggestions for the AiM Communication Team, please email us at fac_iwms_faq@colostate.edu, visit the website at <https://www.fm.colostate.edu/iwms>, or use the QR code.



AiM Champions!

The IWMS Steering Committee would like to give a big thank you to all of those individuals who went above and beyond during the implementation of AiM!!!

District Energy

Ken Vergo – As go-live was fast approaching Ken welcomed the opportunity to join the IWMS Communications Committee. He was an integral member of that team ensuring communications were accurate and timely, and that the website met the needs of our FM community. Ken's aptitude for website development allowed him to easily implement the team's great ideas for the layout of the website. Ken worked behind the scenes on the website developing HTML tags and writing code that ensured links and layouts were functioning properly. Ken also took the lead on writing several of the Focus articles regarding the IWMS implementation sharing pertinent information with the Facilities Management team. Ken was dedicated to the success of this implementation and in sharing IWMS information with all of FM and that is what makes him an AiM Champion!

RCS

Kim Pearsons – Kim has been involved with the implementation since the beginning, starting with the RFP. Since then she has been helping IT to develop business processes and create standards for RCS projects and the associated accounting. Kim has also been an integral part of helping RCS to create and develop processes for migrating project data and accounting into AiM. She has spent countless hours testing data in AiM and creating check lists to ensure that no process, procedure or accounting information has been missed. In doing this, Kim has created efficiencies for RCS, which has streamlined processes and procedures. She has also, been the go-to when "translating" Kuali language to AiM language. While doing all of this she has continued to balance daily duties, work through the many deadlines of fiscal year end, manage a team of 5 accounting staff and provide financial guidance to project managers. Without Kim's endless dedication RCS would not survive! She truly is an AiM Champion!

Leland Owen – Leland works with RCS as the Supervisor for the Low Voltage Shop. He and his shop are responsible for installing new security alarms, security cameras, and key card access across campus to provide and ensure safety to all faculty, staff and students. These duties also involve and require electrical work. While balancing a full workload Leland decided to jump into AiM feet first! He took it upon himself to watch the training videos and then took on the role of Trainer. He started with the RCS Supervisor Team, which consists of 7 staff members, and began helping them to understand the workflow in AiM, create queries and reports, and set-up their work desks. After helping the Supervisor Team, he then moved on to the RCS Project Team and provided this group with the same kind of training. He has become the go to for RCS when workflow issues arise. Leland's eagerness to learn AiM and willingness to help others makes him an AiM Champion!

AiM Champions!

Trades

Tet Sanchez – Tet is another individual who has been involved with the implementation since its inception. He started with the RFP and was on the Search Committee to select a new IWMS system (a year long process, if not longer). He attended two Asset World Conferences to learn about AiM and has brought that knowledge back to FM staff. Since then he has been helping both IT and our new Asset Manager with the loading of Assets into AiM. Getting assets into AiM is no small task as there are thousands and thousands of assets to be maintained across campus. Not to mention, many of these assets were not in FAMIS. This meant working with his Trades Supervisors and others to gather the many data bases and spreadsheets kept in various locations to track the assets being maintained. He has spent countless hours pulling this data together. This is very impressive considering he also manages 12 trades shops with 11 supervisors and 79 employees in all.

Roger Sanchez – Roger, who is the supervisor for Special Assets, has been at the forefront of the asset program in AiM. He and his team were asked to pilot and test this program due to the meticulous records they have kept on eyewash/safety showers, BFP's (back flow preventers), and generators. He spent time working on connectivity issues to ensure that mechanical rooms have internet available. He has also spent time on issues associated with adding images to asset records and cleaning up processes and procedures. Roger has been vital in paving the way and helping to set standards for other FM groups needing to enter assets into AiM. He not only spent countless hours in AiM but in the process continued to manage Special Assets and the SASA (Steam and Special Assignments) team as well. Roger is one of the few supervisors in Trades who manages multiple teams. Rogers's dedication to FM and his willingness to lead the way in creating an asset program that all can use make him and AiM Champion!

Ray Guzman – Ray who is part of the Special Assets Team has been at the forefront of the asset program in AiM. His team was asked to pilot and test this program due to the meticulous records they have kept on eyewash/safety showers, BFP's (back flow preventers), and generators. Ray happily stepped in and spent time working on connectivity issues to ensure that mechanical rooms across campus have internet available. He also spent time on issues associated with adding images to asset records and cleaning up processes and procedures. Ray has been essential in helping to set standards and pave the way for groups needing to enter assets into AiM. He not only spent countless hours in AiM but in the process continued to make sure all of his PM work orders were completed and that all BFP's and generators across campus were maintained. This is what makes Ray an AiM Champion!

Brian Baltazar – Brian who is part of the Special Assets Team has been at the forefront of the asset program in AiM. His team was asked to pilot and test this program due to the meticulous records they have kept on eyewash/safety showers, BFP's (back flow preventers), and generators. He has spent many hours working on connectivity issues to ensure that all mechanical rooms on campus have internet available. Brian has also spent time in ensuring that images added to asset records can be added with ease and has been part of cleaning up processes and procedures. He has been crucial in helping to set standards and in paving the way for other FM groups needing to enter assets into AiM. He not only spent many hours in AiM but also continued to make sure all of his PM work orders were completed and that all BFP's, generators, and eyewash/safety showers across campus were maintained. His role in helping to create a new asset program and dedication to FM make him and AiM Champion!

Work Controls/Key Desk

Christina Miller – Christina works at the Key and Information Desk. She processes key requests, acts as back-up to Work Control, and is on the Spark Committee. She is one of the individuals working on getting lock information into AiM. Starting several months before go-live, Christina began verifying and entering the lock information for each lock for CSU buildings. This information is necessary before individual keys can be uploaded into the system. Unfortunately, the process involves typing information into each lock id record. Since there are tens of thousands of locks on campus, this will take some time before it is finished. Despite the daunting task, she continues her normal duties issuing keys and providing information to our customers. Christina's tenacity verifying and accurately entering lock information makes her an AiM Champion.

Amy Ouska – Amy is tasked with the daunting task of entering in lock ids for each building on campus. She works with Christina and Jae at the Key and Information Desk. Amy started working on the project a couple of months before AiM went live July 1. There are several thousand locks on campus that need to be manually verified and manually entered before signed out keys can be uploaded into the system. It is a daunting project as it will take several more months to complete. While working on the project, she maintains her normal duties and has earned herself a place among the AiM Champions.

Jae Stevenson – Starting out as a student hourly, Jae is now employed at Facilities as a non-student hourly working at the key and information desk. They graduated earlier this year and continue to work at the information and key desk with Christina and Amy. Jae has been highly focused in getting lock id information into AiM and leads their co-workers in record entries. Also, they figured out a quicker way to look up data resulting in smoother and faster data entry which benefited everyone working on the project. Jae's dedication to the project and ability to use AiM earns them the status of AiM champion.

Danny Vlosich – Working alongside Wes, Danny works in the Work Control Center. Prior to go-live, he quickly learned how to make work orders and helped product test the system. Danny is new to Facilities Management, and now that all work orders go through the Work Control Center, he is quickly learning how the various trades and utility groups do business. While Wes has been diligently working on new standing work order for Facilities, Danny is creating most of the maintenance work orders and processes a portion of the outage requests since AiM has gone live. The Work Control Center processes over 60 work orders each day. Danny's ability to quickly adapt to AiM while still learning about how Facilities Management does business earns his place among the AiM Champions.

AiM Champions!

Work Controls/Key Desk

Lori Meyers – Facilities Management joined with several partners at CSU. Housing & Dining, Rec Center, and Lory Student Center who have their own needs in AiM. Lori worked with our partners making sure their needs were met. In the beginning, she helped identify needs such as asset tracking and costs, work codes, maintenance types, and services. Each partner also had a wish list of features they wanted in AiM. Looking at the current processes in FAMIS, she helped develop the business processes for AiM. Lori also helps input lock information into AiM. This is a manual process that requires verifying existing records from MPAC and typing each lock id into AiM. By the time she and her crew are done, there will be 10s of thousands of records in the system. Her ability to coordinate with our AiM partners and lead the efforts of her employees makes Lori an AiM champion.

Wes Scoggins – Working in the Work Control Center, Wes takes calls from campus customers, creates work orders, and gets the work orders out to the appropriate shops. He started in AiM well before go-live helping product test the system. While keeping up with his day to day tasks, Wes led the effort to re-create shop standing work orders used in FAMIS. Grounds alone has over 100 standing work orders for areas and tasks around campus. Just about every shop in Facilities uses some type of standing order. All work orders were diligently created, including every shop's Essential and Uniform work orders needed to track overhead. Additionally, Wes is willing to help employees create work order queries in AiM. He did a great job learning AiM in the weeks leading up to go live. Wes has become the subject matter expert and 'Go To' person for all work order related questions and training. The sheer amount of work that needed to be created in AiM for go-live and Wes' continued support of staff and training has earned Wes AiM Champion status.

Finance

Monica Roth – There are so many reasons to list why Monica is an AiM Champion that it's hard to keep this brief. Monica has been involved with the implementation from the very beginning, starting with the RFP. Once the vendor was chosen, she then spent months in meetings developing business process maps and helping create standards/metrics for the new system. As go-live was fast approaching, she jumped at the chance to join the IWMS Communications Committee. She has been an integral member of that team ensuring communications were accurate and timely, and that the website met the needs of our FM community. The accounting information was one of the last pieces to go into AiM and the timing for this fell right at fiscal year-end, when Monica was extremely busy with year-end reports and journal entries, while still developing FY21 budgets and charge rates. Monica spent several weekends and nights working late, sometimes to 2 or 3 in the morning, ensuring the accounting configurations and charge rates were entered correctly in AiM. Monica has made this implementation a priority from the get-go, all while balancing competing priorities. The late nights, long weekends and full dedication to the success of this implementation are what makes Monica an AiM Champion!

Resource Allocation Plan Ideas - Everyday Conservation

There has been some great discussion around FM and in other departments about how we can help save the University money in these tight budget times. Below are actions we can take right now!

Did you know that CSU spends \$13 million each year on electricity alone? While it may seem insurmountable to try and reduce CSU's electric bills by yourself, small actions by many people can translate into real savings. Here are some ideas that you can use:

Turn off those lights - Turning off one light seems like a small action. When you consider the CSU community consists of 40,000 people, having each person turn off one more light for an hour each day, would save the University more than \$230,000 each year! For more ways to save on electricity, click [here](#).

Collaborate on copiers - Printers and copy machines use electricity and paper. If you have a small printer at your desk or in your immediate work environment, you can save the University money by getting rid of it and using one of the large community printers. The fewer printers in the building, the more energy efficient we can be (and you might get more steps in!)

Give up the space heater - Cold toes at your desk is no fun, but do you really need that space heater? The average space heater uses 1,500 watts. An LED/CFL 15-watt light bulb for porch use is .015 kWh/hour. Running your space heater for an hour uses as much electricity as turning on 100 porch lights for an hour! Bring your warm socks and put on a scarf since covering your neck, and ankles keep your entire body warmer. (It's safer too). Try it!

Ditch the mini-fridge - Ditch the mini-fridge in your area and use the fridges in the breakrooms instead. The FM north building breakroom fridges are rarely full (even before COVID). Consider these benefits: you will get more steps in each day, you will have brief chats with colleagues in the breakroom, you will not need your fan at your desk because the mini-fridge will no longer be heating up your space, and you will save the University money on its electric bill. Since there are no efficiency standards for mini-fridges, it is not uncommon for a mini-fridge to use nearly the same amount of electricity as a normal sized, non-efficient fridge!

Use your window blinds - Blinds can be cool. If you have an office with a window and blinds, you can help save the University money and energy by closing your blinds when the sun is shining in your window, and leave them closed over the weekend or when you are not in the office.

Sleep your monitors - Sleepy monitors save money. You can control when your computer monitor goes to sleep or, just turn it off when you leave your office. While your CPU might need to stay "awake" for you to work from home, your monitor can still be turned off. This saves electricity and prolongs equipment life.

Compost that banana peel - the breakroom compost bucket might have left temporarily, but there is a large composting bin on the dock on the south side of the FM north building. Remember to use it when you have food waste or compostable items. This saves the University money by diverting waste from the landfill to the composting facility.

Reduce your office bins - If you have a trash and recycling bin in your office, the custodians empty those both for you every week. Each time the trash is emptied, a bin liner is thrown away. You can opt to have your trash and recycling bins removed from your office and use the common area bins instead. Our custodians' work has pivoted from normal office cleaning to disinfecting and other COVID-related actions. By removing your bins, you allow the custodians to do the important work of disinfecting. You reduce plastic waste and save the University money by not having to hire additional staff. This is good for everyone's job security!

Credit for these ideas goes to FM's Campus Energy Coordinator, Stacey Baumgarn, who has been preaching about energy conservation and achieving real change throughout the University for the last eight years.

If you've driven around campus recently, you may have noticed that traffic patterns have recently changed on some popular roads. Construction on Hughes Way finished recently and now allows for two-way traffic entering from, and exiting to Shields St. Bicycle lanes have also been reconfigured to support two-way travel along Hughes Way, and pedestrians now have their own dedicated walking path. Amy Van Dyken Way has also undergone a significant change, as the road now features a protected bicycle pathway. In other transportation news, evening shuttle hours have been extended for Around the Horn.

To better serve our students, faculty, and staff who have evening classes or shifts, Transfort and PTS have partnered to extend service with one southbound and two northbound routes after 8:00 PM. Transfort has also updated their COVID-19 guidelines, banning any standing room rides on their buses. If the seats are at capacity, the bus will not allow additional passengers on board. The status and times for all campus-related bus routes can be found on the Transfort website at <http://www.ridetransfort.com/routes/csu>.

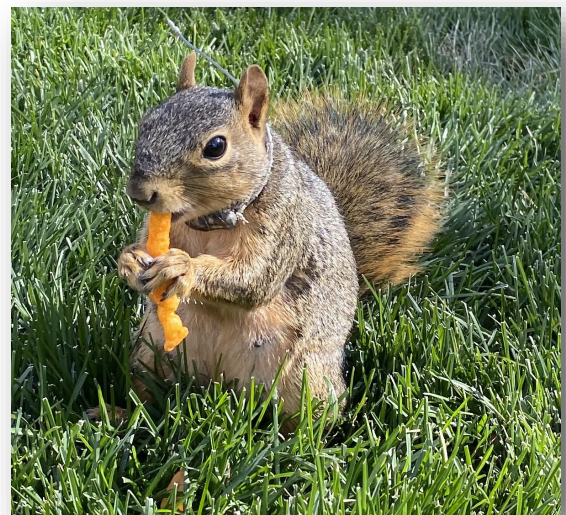


Fun Fact

By: Kyle Presnell

This time of year, fox squirrels around campus are plumping up for the cold Colorado winter. If you come across a squirrel that has something around its neck, no it's not a scarf, but a tracking collar placed by the Warner College of Natural Resources. According to the CSU Source, the class is called "Wildlife Data Collection and Analysis" and allows students to capture, handle, and track live animals. After the collar is attached the squirrel is released to a new area of campus where it will be monitored to observe its "Home Range".

The home range is determined by where the squirrel goes, spends time, and if they visit other parts of campus. Some squirrels even have spots on campus they prefer over others. The program has required permits from both Colorado Parks and Wildlife and the University's Animal Care and Use Committee. These squirrels can often be overly friendly and not scared of people. Visitors sometimes mistake the squirrels for having items tied or stuck around their neck. Participants are careful never to harm any animal and after 4 months the collar is removed.



Wastewater Epidemiology, or The Study of Sewage



People may be infected with the COVID virus without even knowing it and the virus is leaving their body in their feces; everyone goes to the toilet and flushes. Did you know that the virus can be detected in wastewater that is sampled outside the building where an infected person resides?

FM employees are working with CSU researchers to sample wastewater leaving residence halls as an early warning sign of asymptomatic infected residents. Finding the virus in the sewer can indicate that one or more people in that building are infected, even though no one is showing symptoms. The researchers and the Pandemic Preparedness Team can use the information to quickly mobilize to provide targeted testing and isolate infected individuals. FM employees Brad Johnson, Susanne Cordery, Jasmine Hatten, and Tim Kemp, are key members in this team of dozens which includes the Vice President and Associate Vice President for Research, CSU's Chief Medical Research Officer, CSU public health officials, the Executive Director and others in Housing and Dining, and biomedical and environmental engineering researchers. Interesting tidbit: most of the people on this team are women.

At CSU, seventeen automatic samplers have been installed, and a team of four graduate and undergraduate students have been hired to program and collect samples twice each week.



Sounds gross? That was one of the interview questions asked of the CSU sampling team members – “how are you with gross things?”! They all had good answers, since it seems like everyone has had to deal with gross at some point. The sampling team are well cared for. They have all been provided with protective clothing safety gear and plenty of disinfectant. The study of sewage is not new. Sampling for heavy metals has been used to find illegal metal finishing discharges, and sampling for silver used to be a way to find photographic developers illegally discharging chemicals into the sewer. In the early 2000's wastewater sampling was used in several cities to estimate the amount and timing of illicit drug use. Sewage is now being sampled and analyzed for COVID19 in many cities all over the world.



Remodel and Construction Services (RCS) handles a large volume of construction projects. Though many projects go unnoticed by the public, that doesn't hinder RCS' manifest of providing excellent service and supporting CSU's mission and values. To highlight recent efforts, the Administration building has been undergoing a slow modernization.

Project Manager Barry Willier has overseen many of the building's updates over the past few years including a new clay-tile roof installation designed to match the existing architecture of the building and the Historic Oval buildings. He remodeled the Vice President for Research's suite and the President's Office. He coordinated a new fire suppression system throughout the building to provide better life safety and to help preserve the building for future generations.

New challenges have included updating the 3rd floor breakrooms to meet ADA requirements. With the help of RCS' Design Supervisor Sam Pearsons, they met with the occupants on how to address these requirements. RCS's trades groups then completed the demolition and construction of the new ADA inclusive breakrooms. Improvements included new casework at standard heights, new ADA approved sinks, roll under countertops, side-by-side refrigerators, and door hardware. The result is fresh, modern and accessible breakrooms.



Cam the Ram visits FM North!



FACILITIES MANAGEMENT

AT COLORADO STATE UNIVERSITY

Facilities Focus Newsletter - Page 17

We announced in *Facilities Focus* in the summer 2019 issue that CSU had been recognized as a level II arboretum. After stepping up our game substantially, CSU received level III status on 8/31/2020 through [ArbNet](#). As a level III arboretum, Facilities Management, in collaboration with the Horticulture and Landscape Architecture Department, established CSU as one of only [34 arboreta](#) in the world to have this level of accreditation. This is a big deal! In general, institutions that are accredited as [arboreta](#) (at any level) are spaces such as college campuses, cemeteries, zoos, and municipal parks - to name just a few.

So, what's the difference between the levels? One aspect is how many species of woody plants there are. Level I arboreta need a minimum of 25 woody plants; level II a minimum of 100; and level III a minimum of 500. Other distinctions include the work that is performed on behalf of the arboretum such as volunteer staff vs. paid staff vs. a curator. Levels vary in how they address educational programming, collaboration with other arboreta, publicizing collections, and active participation in tree science and conservation. If you're curious about the four levels and their criteria specifics, read more [here](#).



Thanks!



Thank you to the FM Newsletter Committee and all of the Facilities Focus contributors for helping create this quarterly newsletter!