

The Facilities Scoop

SUMMER ISSUE

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Idaho State UNIVERSITY Facilities Services

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Shooting the Rapids with Research

Written by Dee Rasmussen

The Ballard Medical/Kimberly Clark building was purchased by ISU in 2011. It is being repurposed as a research facility. The building was renamed RISE, which is an acronym for Research and Innovation in Science and Engineering.

While the building was operated by Mr. Ballard, he would take employees on rafting trips to the Madison River in Montana. He would create raft-teams of employees who did not work together on a regular basis. On one trip I was teamed up with a chemical engineer and the executive secretary of Ballard Medical. Since we were very different from each other, and worked in diverse areas, we had to learn to communicate and work together immediately. Survival and enjoyment of the trip depended on cooperation. My current assignment at the RISE building is a lot like that float trip down the Madison River.

Informally, RISE stands for Really Interesting Stuff Every day. The crystal furnace was one of the first interesting projects we brought on-line. With this tool, they press materials into pellets, heat them to extreme temperatures for several hours, and then cool them. The pellets contain unique crystals at the end of the process. After crystals have been produced, researchers use electron microscopes to look at the atomic structure to determine success or if adjustments are needed in the crystal-creation process. These crystals can be used in other research, and as a possible source of new fuels.

Another microscope used at RISE is a machining microscope, designed to machine at the molecular level. In one experiment, they mounted an unimaginably small platinum plate inside the mint mark on a dime. On that plate, they etched the message, "Go big or go home. ISU!" That platinum plate is smaller than the wavelength of visible

light. This experiment proved the ability to manipulate matter at the nano-meter scale, which provides a platform for new nanotechnology machines.

A recent change has been relocating the Pelletron accelerator from the Idaho Accelerator Center to the RISE building. Part of the Pelletron experiments will channel the accelerator beam through an electron microscope. This will allow the researchers to see a highly-charged particle impact a specific target at the atomic level in real-time. We are all working together to get this equipment up and running.

Much of research requires handling materials that you really don't want to have in your hand. There are many glove



boxes and other safety features being added to the building. One device is the remote grapplers shown in this picture. These add a needed safety provision to the building.

All of these projects are made possible

with the help of many groups of people working hard-together. Facilities keeps the building and site operational while the engineers and researchers run the experiments. All the people on these projects speak different languages and do things differently. It's like going on a float trip with a bunch of people you really don't know. To get to the future safely and enjoy the trip, we all need to communicate and work together. There are many rapids and flat water that we still need to get through with Research, and we have to row together or the raft will just go round and round.

Mark Your Calendar

Summer Party
Friday, August 22

First Day of Classes
Monday, August 25

Labor Day
Monday, September 1

ISU Cares "Spot" Award



Micheal Timm

Micheal has worked at ISU-IF for 7 years as a Maintenance Craftsman Sr. Micheal has an Associate's degree in Carpentry and Building Construction. He likes spending time with family, camping, hiking, and geocaching. He made new unique towel dispensers to fit the old racks and modified them in two days. He spent time with the customer to discuss what he was doing.



Laura Call

Laura has worked in Public Safety for 5 years. She has a BA in General Arts & Sciences. She enjoys playing the piano and spending time with her husband. Laura was commended for efficiently handling parking for a large event. Laura promptly answered questions, had great follow through, and remembered details. This put the customers' minds at ease.



Alecia Godin

Alecia has worked in Custodial for the last year. She hopes to get into the Radiology Program at ISU. She likes to cook, paint, sleep-in, and be with family. She has art on display at Mocha Madness. Alecia assisted an individual looking for the Cashier's Office by stopping her work and escorting them to the office. She portrayed excellent customer service.



Mason Haggard

Mason has worked at ISU-IF as a Custodian for 4 years. He likes fly fishing and guiding others down the Snake River. Mason was commended for taking action when a pipe burst. He set up a large dumpster for the water, cleaned up the mess afterward, and was a quick emergency responder. His quick response is greatly appreciated.



Tiffany Waggoner

Tiffany has worked in Facilities Services for 6 years as a custodian, and Leadworker. She is currently working on her degree, and loves spending time with her family. Tiffany helped a coworker who hurt his back by completing his work, driving his spouse to his car, and meeting them at the hospital to ensure he received care.



Michael Green

Michael has worked at ISU for 2 years, and is going to school for Mechanical Engineering. He likes to play soccer, basketball, and spend time with his wife. On his way to work, Michael saw a parking permit that looked strange and soon discovered it had been altered. This led to the discovery of two other altered permits.



Ray Hart

Ray has worked at ISU-IF for 23 years. He was a maintenance lead, then worked up to Maintenance and Operations Supervisor. He has a degree in Building Automation. Ray solved several issues for the Biology department, including adding paper towel dispensers, replacing drain tanks, and fixing distilled water pipes, with minimal disruption to the labs.



Shalese Taylor

Shalese has worked in Custodial for 2 years. She is currently working towards a Mass Communication degree with an English minor. Shalese likes to read, bike, hike, and sleep. She was commended for her hard work and making her building look great by making sure her job is done correctly. She always follows up with customers to make sure she meets their needs.

Summer Cooling Tips

Written by Rod Chlarson

- Keep shades drawn and doors closed during the hot daytime hours
- Put reflective film on windows to reflect the heat from the sun
- Don't turn on incandescent lamps during the day
- Place something frozen (such as a bowl of ice) in front of a table or box fan to circulate cool air
- Do laundry and dishes in the early mornings to lower indoor humidity
- Run ceiling fans counter clockwise during the summer
- Turn on the basement furnace fan to circulate the cool basement air to the rest of the house
- Seal up air leaks to keep cool air inside and hot air outside

Mugs of the Quarter



Jim McGinn
M&O - 17 years

Favorite Vacation: Red Lake
Favorite Foods: Steak
Favorite Superhero: Jim McGinn



Ed Lee
M&O - 10 years

Favorite Vacation: San Francisco
Favorite Food: Pork Roast
Hobbies: Computer Repair



Mark Stuckey
Custodial - 28 years

Favorite Vacation: Alaska
Favorite Foods: Pasta
Favorite Color: Green



Micheal Timm
Idaho Falls Maintenance - 7 years

Favorite Color: Maroon
Favorite Vacation: New York City
Hobbies: Building Furniture and Hiking



Travis Tubbs
Custodial - 5 years

Favorite Vacation: South Dakota
Favorite TV Show: The Simpsons
Favorite Food: Steak



Olga Anderson
M&O/Admin - 13 years

Favorite TV Show: Dumb & Dumber
Favorite thing about ISU: M&O Crew
Favorite Color: Blue



Jim McInelly
Custodial - 6 years

Favorite TV Show: Duck Dynasty
Favorite Color: Blue
Favorite Vacation: Star Valley

Summer Party

Our Facilities summer party last year was a great success. The photos below show some of the good times we enjoyed. Come join us again this year

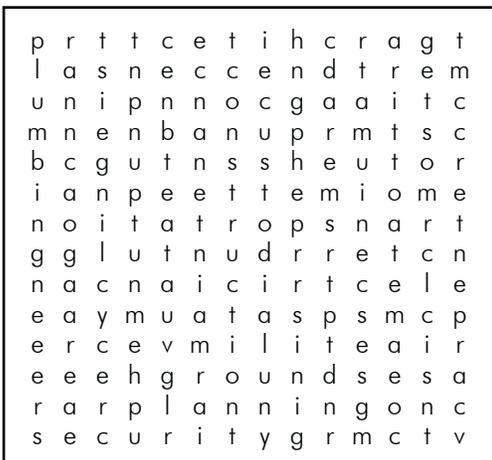
for some great fun and delicious food. The party will be held at Upper Ross Park on Friday, August 22nd from 12-2. More details will be provided soon.



Activity Zone

Let's try something different this quarter... there are 15 Facilities-related words in this puzzle. How many can you find? Email the answers to wrigkimb@isu.edu or drop them off to Kim in the Facilities Building, #18. All Facilities employees who find all 15 words will be entered into a drawing to win a prize. The drawing will take place on Friday, August 1, so get your answers in soon! Answers will be revealed on the Web Site after the drawing. (www.isu.edu/facilities/scoop.shtml)

Do you know what the graphic below is and how to use it? We want your feedback. How do you think we could use this within the University?



World-Class Facilities Professionals SERVING ISU TOGETHER

Department Updates

Public Safety

In June, Public Safety went through an Idaho Chiefs of Police Association (ICOPA) audit and received ICOPA accreditation. Idaho State University is the only university in the State of Idaho to have received this accreditation. Twelve Public Safety employees completed enhanced concealed weapons training and law enforcement firearms re-certification.

Custodial

Our summer projects are in full swing. We are waxing floors and cleaning carpets throughout campus. Our recycling program is continually expanding and upgrading. We have achieved our goal of replacing all old metal garbage cans with new plastic cans in campus buildings.

Transportation Services

We have been working hard to keep up with repairs. We had an update to our Fleet Management System, and we will receive software training at the end of July. We are in the process of cleaning the upholstery in all Motor Pool vehicles. We are working hard to get route and activity buses serviced and inspected for the start of school by: replacing brakes, brake drums, shocks, and other items.

Grounds

Summer is officially upon us, and the campus is buzzing with projects being performed by contractors and Facilities staff. The Wheatley-funded projects include: new tables and perennial plants at the Quad seating areas, improvements at the BA planter, new concrete and roses at the veterans memorial, and a landscape berm along MLK Way at Reed Gym.

Meridian

We are very excited about the start of construction on the Treasure Valley Anatomy and Physiology Lab. There was a ground breaking ceremony on June 24th. We are in the design stage for the new Physician Assistant classroom expansion project scheduled to start in November. Meridian Administration and Facilities have been developing a detailed master plan to identify future program needs and space requirements. The continued success and growth of the campus has helped ISU become well-recognized in the Treasure Valley.

Maintenance & Operations

The Heat Plant Team is working on the main boiler and satellite boilers in preparation for the fall heating season, while the HVAC Team is preparing and maintaining systems for the summer cooling demand. Shops is very busy with the remodel of Graduate Studies, constructing the casework for a food lab in the basement of Garrison, and building nine teacher work-stations for the Math Department. FY2014 brought many challenges, and M&O appreciates the support from the campus, faculty, and staff.

Environmental, Planning & Engineering

We have several sidewalk and ADA curb ramp replacement projects occurring throughout the Pocatello campus this summer. So far, we have replaced the concrete sidewalks: west of Colonial Hall, west of the Student Health Clinic, between Frazier and 5th Avenue, and between Davis Field House and the Student Union Building. Still to be completed is the concrete entrance east of Lillibridge Engineering, and select curb ramps across campus.

Exemplary Service

We provide reliable and responsible service.

Team Unity

We are professionals serving professionals.

Ownership Mindset

We know, protect, and improve our facilities.

Communication

We minimize surprises through listening, understanding, and being understood.

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Do you have an article or idea that you would like to see in a future issue of the newsletter? Email it to wrigkimb@isu.edu.