



MISSION: INTEGRATION

HANFORD

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SOLUTIONS

NEWSLETTER

AUGUST 2023

HANFORD MISSION  
**HMiS**  
INTEGRATION SOLUTIONS

# MISSION: SECURE

Our Hanford customers can count on us to safely and securely deliver services to enable the cleanup mission.



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## OFFICE OF THE PRESIDENT



As the Hanford Site integrator, our customers at DOE and the One Hanford contractors count on HMIS to deliver an expansive scope of essential services. They rely on us to provide a secure, dependable supply of power and water. They depend on us to maintain secure information and business management systems that operate smoothly and reliably, while continually introducing technical innovations and maintaining state of the art cybersecurity. They also look to us to provide emergency response and Sitewide safeguards and security, radiological protection and real-life workforce training.

I take a lot of pride in knowing our Hanford customers can count on us to safely and securely deliver these services to enable the cleanup mission, and I'm proud of the work you do every day to make sure that level of exceptional service is maintained. Our team continues to meet and exceed goals, while producing innovative services and streamlining operations at the Hanford Site.

We've tackled a lot of challenges this year by working together and relying on each other to get the job done. Stay safe, stay healthy and keep up the great work!

Bob

## Guest Message – Joel Elliott

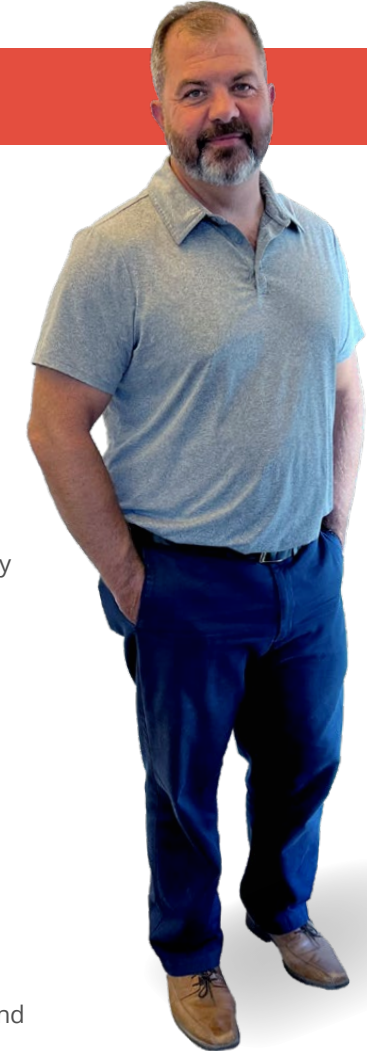
While cleanup is our focus, Hanford's incredible history must remain secure. Safeguards and Security is dedicated to – and takes pride in – securing our national assets. This includes Special Nuclear Material classified information and sensitive information (e.g., OOU and UCNI). To be successful, we need everyone to be engaged in the mission to secure the assets we are entrusted with by the Department of Energy.

SAS relies heavily on Hanford Patrol to ensure our national assets are secure. Patrol is a 24/7 operation and is on the front line of our security mission. There are several other groups who also support this mission. Physical Security, Security Maintenance, Information Security and Personnel Security to include Central Badging, all provide behind the scenes support for the mission. Each of these organizations are passionate and exceptional at what they do.

Material Control and Accountability supports and integrates the SNM Accountability Program with the possessing Hanford contractors.

Program Management – which includes vulnerability assessments, performance testing, performance assurance and self-assessments – provides the expertise to ensure we mitigate risk, acknowledge areas of improvement and validate compliance with our security mission.

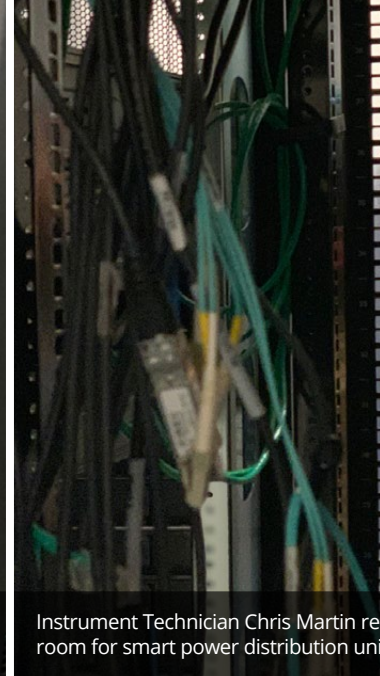
While vigilant in our mission, we need all Site employees to have a single vision and focus to keep the environment, people and assets secure at Hanford.



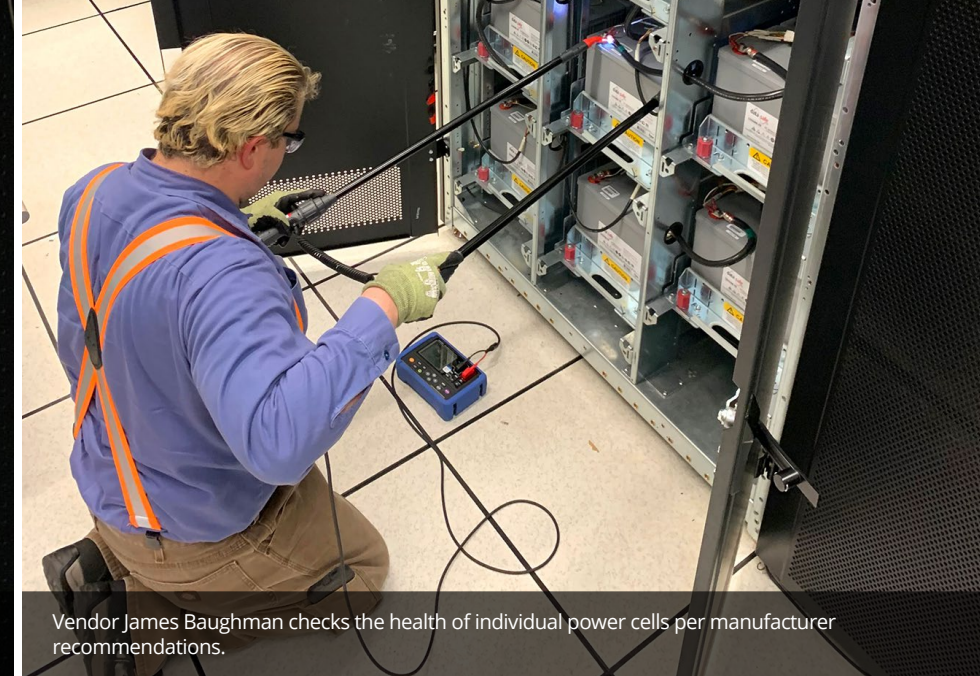
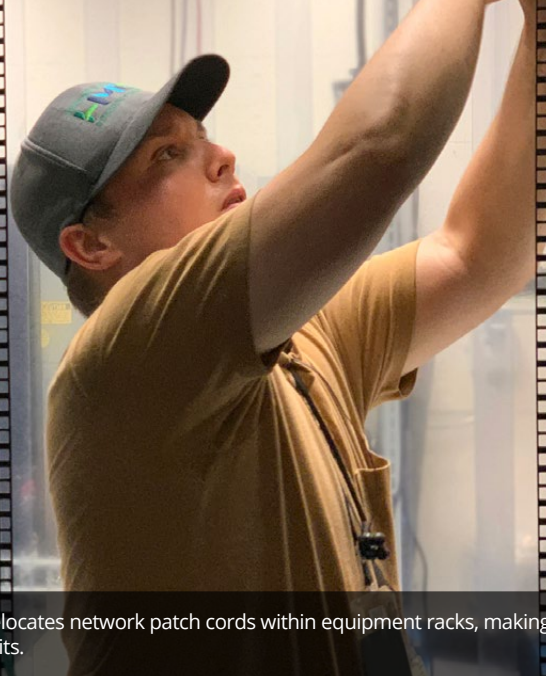
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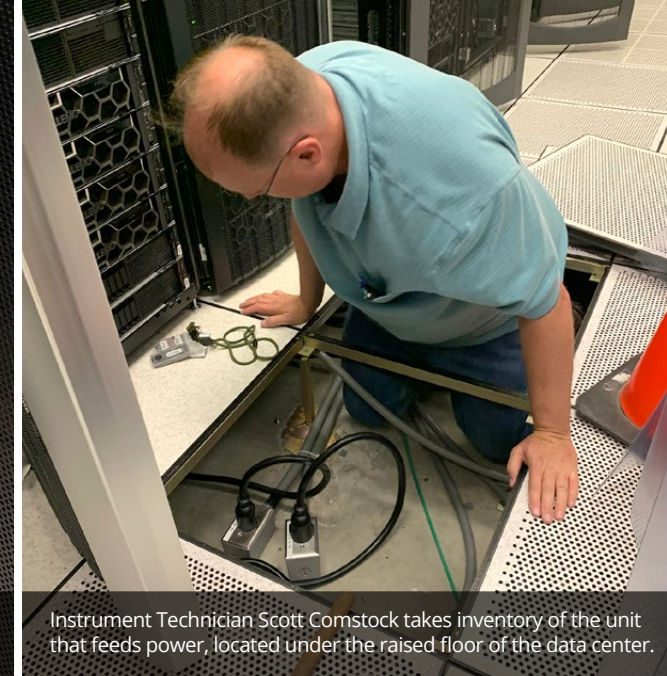
The Field Support Services team assesses rack space available for replacement smart power distribution units.



Instrument Technician Chris Martin relocates network patch cords within equipment racks, making room for smart power distribution units.



Vendor James Baughman checks the health of individual power cells per manufacturer recommendations.



Instrument Technician Scott Comstock takes inventory of the unit that feeds power, located under the raised floor of the data center.

## MISSION: SECURE

### Disaster Recovery Exercise, Upgrades Completed

Contributor: Robin Wojtanik

When our Information Management Services group learned of a planned power outage for a data center used by the Hanford Site, the team used the opportunity to complete upgrades, perform critical maintenance and spearhead disaster recovery initiatives needed in the event of an emergency.

In a two-day span, the IMS team, alongside our critical subcontractor North Wind Solutions, tuned up and tested out a gas-powered backup generator and replaced power strips with newer versions capable of remote monitoring, metering and management. They also relocated a “supercomputer” used by a One Hanford contractor and performed health checks on the integrity of the system and its power supply.

The 1,200-square-foot data center was described as a “flurry of activity for hours on end.” Disaster recovery activities included a comprehensive exercise allowing IMS to examine services,

processes and procedures essential to supporting emergency events that could impact HLAN.

“Disaster recovery events or disruptions can vary significantly and there is not a prescriptive plan that can be developed to address each unique event,” said IMS’ Jim Smith. “This exercise tested a data center shutdown, ensuring core network services and systems operating in a second data center would perform as expected.”

“This opportunity was not without its challenges,” said IMS’ Kenny Ferguson. “It required a cadence of coordination and pulling from various resource pools, including laborer and teamster support,

instrument technicians and communications specialists, as well as a wide range of subject matter experts, direct vendor support and supervisory staff.”

In the end, the team checked off each agenda item. “This was a huge success and a big win for our IMS team,” said Todd Eckman, vice president of IMS. “Lessons were learned that will only make us stronger as an organization.”

## MISSION: SECURE



### TEAM FOCUS: OPSEC Working Group

Contributor: MaryAnne Wuennecke

From the day each of us starts at Hanford, the focus on security is front and center. We're trained to protect our badges, prevent access to our computers and email, and watch for suspicious activity. But beyond our individual duties, there's a lot more that goes on to protect the Hanford Site.

Operations Security, or OPSEC, is the foundation, and the OPSEC Working Group (OPSECWG) is the team focused on making sure that foundation is solid.

The 18-member group is a "good conglomerate of security-minded folks," says Tim Zilar, HMIS OPSEC program coordinator. It includes representatives from all One Hanford contractors and the local counterintelligence office. They delve into numerous security areas to ensure protection of our information assets.



(Left to right) Front row: Paul Gadd, Travers Bracy, Gretchen Crowder, David McCary, Dulcie Allen, Myra Dyck, Melissa Ver Steeg, Ranee Nankani, Lezlie Arntz. Back row: Matt Baulig, JR Jamerson, Milton Chavez, Tim Zilar. Not pictured: Clarisa Roy, Lorin Cyr, Joel Elliott, Mark Ames, Amanda McClure, Samantha Smith, Sarah Harrison, Kyle Haff, Lily Martinez, Kris Sump, Christy Depp, Mike Hinkle, LaMont Schofield

One recent focus was on workers gaining Site access without their badges. "Car and vanpool passengers weren't being held accountable," says Zilar. The OPSECWG used email and roadside reader boards to inform commuters that Hanford Patrol would verify all vehicle occupants had badges. The emphasis resulted in a seven-month span without any reported incidents.

The team also addressed security needs created by an increase in foreign nationals needing HLAN access. Previous access meant a different badge color, but with the increased use of platforms,

such as Teams, additional identifiers were needed to ensure staff are aware of who they share information with. It comes down to education, from new hire orientations to refresher training, and providing real-world examples is key. "In one year, there were 17 badges stolen from vehicles at homes. By sharing where the weaknesses are, we can create awareness. It's both reactive and proactive," said Zilar.

## ONE HANFORD

### If at First You Don't Succeed, Design, Design Again

Contributor: Robin Wojtanik

A potable water leak at the Canister Storage Building required a unique repair – times two – when expected replacement parts didn't arrive as planned. Field work supervisors and Mechanical Maintenance pipefitters drew up a repair design that could successfully work using just the parts on hand and items from the shop. The first design change received approval and pipefitters got to work assembling a pipe spool repair, which Crane & Rigging helped install.

But this plan hit a snag when the leak continued from one of the joints. This required a second revision to the plan, resulting in another redesign and approval. Pipefitters once again expedited the fix to allow teams to get back to installing the new piping spool. A test found no leaks present and Water & Sewer Utilities successfully restored water service to all affected facilities, including CSB and 2704 HV ("Smurf").

Thanks to multiple teams for their role in fixing this repair quickly, including Crane & Rigging, Maintenance Services, Radiological Control, Transportation Services, Water & Sewer Utilities and subcontractor TerraGraphics.



Teams installed new equipment to fix a leak affecting drinking water at the Canister Storage Building and 2704 HV ("Smurf").





Crews with subcontractor NW Power, Inc. recently completed construction of a new cell tower near the Waste Treatment Plant in 200 East.

## ONE HANFORD

### New Cell Tower Promises Enhanced Coverage in 200 East

*Contributor: Shane Edinger*

**“You’re breaking up. Let me call you on your landline.”**

Hanford employees in the 200 East area could soon say that less often thanks to some great teamwork from our Information Management Services and Engineering & Projects organizations.

A new cell tower now stretches 125 feet into the sky near the Waste Treatment Plant and will soon improve wireless coverage for employees in the area. The modular structure is made up of a series of concrete blocks that are three feet tall, eight feet wide and eight feet deep.



The tower’s base is made up of a series of concrete blocks that are three feet tall, eight feet wide and eight feet deep, and lock together like LEGO blocks.

“They fit together perfectly like LEGO blocks,” shared Toby Greer with the IM Field Support Services team. “Then, they put these tension rods through the blocks and tension them down. The north-to-south rods are mounted higher in the blocks, and the east-to-west rods are mounted a little lower, and then they’re all tensioned down to secure the tower in place.”

West Richland-based NW Power, Inc. handled the tower construction, which took about a month to complete the field work. But this project was actually about two years in the making with the IM Field Support Services crew working closely with the Project Delivery and Construction teams.

“You had this symphony of engineering that had to be done first,” Greer added. “There were all the engineering plans and designs for the electrical, the fiber optics and the structural, and it all had to go through a lengthy process of approvals. It finally culminated with one month of intense construction work to get the tower up and installed and ready to go.”

The new tower should improve wireless coverage for multiple carriers because there are very few towers serving WTP and the 200 East Area right now. Wireless carriers plan to install new 5G equipment on the tower this fall.

## ONE HANFORD



More than a dozen local small business owners and representatives attended this month's in-person small business subcontractor quarterly forum at the HAMMER Federal Training Center.

### Small Business Program Managers Hold First In-Person Subcontractor Forum

*Contributor: Shane Edinger*

A program that started during the pandemic celebrated a significant milestone this month when Hanford's Small Business Program managers held their first in-person subcontractor forum. As the Site integrator, our Procurement team plays a key role in organizing these quarterly events, which offer DOE and One Hanford contractors a unique opportunity to connect with potential subcontractors and share best practices for doing business at the Hanford Site.

The forums started in June 2021 and were held online for the last two years. This month's hybrid event attracted more than a dozen local small business owners and representatives, along with a large virtual audience.



HMIS Small Business Program manager Amy Justice shared information about upcoming opportunities available for small business subcontractors at this month's quarterly forum.

"It was great to meet with our local small business owners again and talk with them face to face," shared Amy Justice, HMIS' Small Business Program manager. "We had a lot of folks who talked with the Small Business Program managers individually afterward to learn more about the specific opportunities each contractor had available."

The quarterly forums are part of the Hanford Small Business Council's efforts to expand outreach to small businesses who are interested in doing business with Hanford, which included an extensive One Hanford contractor presence at April's Bridging Partnerships Small Business Symposium in Kennewick and at DOE's Small Business Forum & Expo in New Orleans last month.

Justice adds that the group is looking to make some minor adjustments to keep these quarterly forums fresh and informative as they move forward. "These small businesses are incredibly important to the work we do at Hanford, and we want to make sure these forums are as valuable to them as they are to us."



Scott Davis (right) explains the Centralized Consolidation/Recycling Center, the collection of universal waste and recyclable materials from Hanford contractors and how it is consolidated and transported offsite for recycling.



Environmental Compliance Officer John Skoglie (middle) show EMS auditors HMIS' Polychlorinated Biphenyl Storage for Disposal Facility.

## RECOGNITION

### HMIS Shines in EMS Audit

*Contributor: Jill Harvill*

Thank you to all who helped make our certifying Environmental Management System audit a success! Your preparation and awareness of the HMIS environmental aspects contributed to our certification accomplishment.

Auditors reviewed the effectiveness of our EMS and interviewed several organizations. Every group successfully demonstrated how they meet our EMS objectives. Auditors noted every individual they talked with was proud of their work and eager to share how they integrate EMS into their responsibilities.

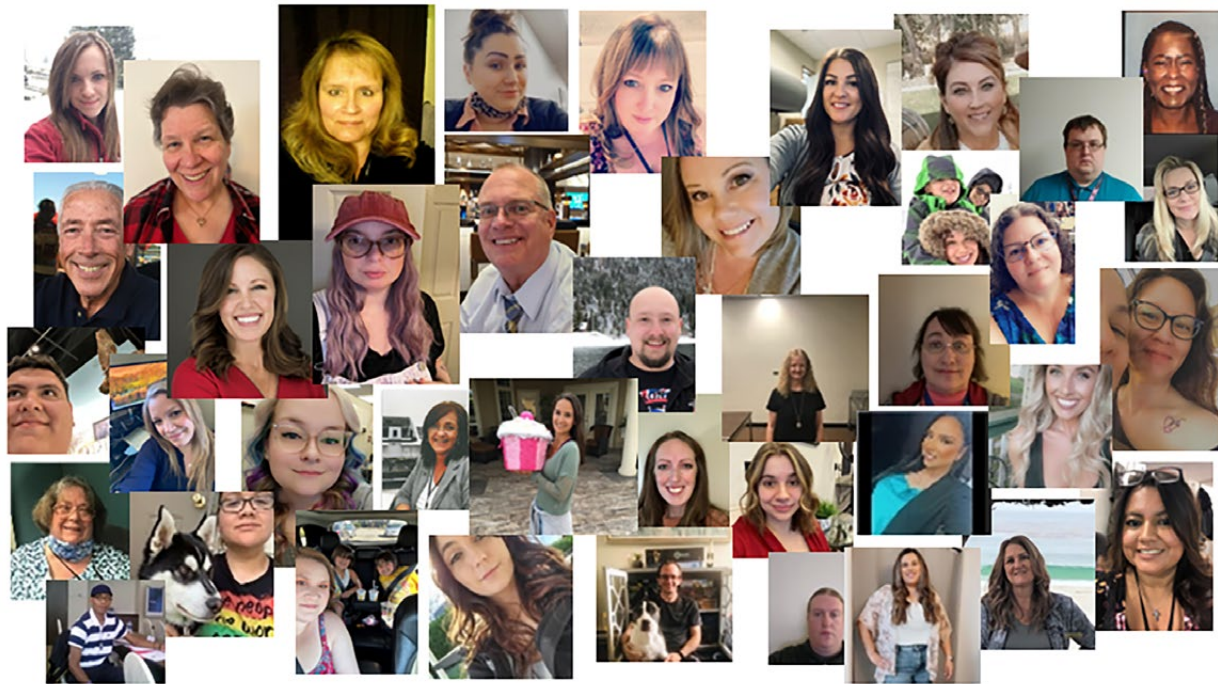
The audit team recommended HMIS certification with the ISO 14001 Standard, with not a single finding or opportunity for improvement! Being "proud but not satisfied," as Bob Wilkinson would say, the EMS team aims to streamline electronic documentation during future audits.

Best practices identified included integration of EMS core elements within overall operations, and that leadership is both involved and environmentally aware of what we do on Site. Auditors highlighted evidence of our "plan, do, check, act" process of work planning, execution, evaluation and improvement. EMS Manager Joy Shoemake shared how organizations provided objective evidence of compliance. "Things we do every day, like our Executive Safety Review Board, safety meetings and iCAS, are integrated with EMS."

- **IMS and Records shared specifics on switching to solar power for remote equipment and the transition to fully digital Site records**
- **HMIS integrated with OHCs to purchase environmentally friendly equipment, earning EPEAT recognition**
- **Our Chemical Inventory Tracking System impressed auditors, especially when requests for records were produced without a hitch**

We're not resting on our laurels! Keep up the diligent work. As EMS Sustainability Lead Scott Davis says, "If you stay ready, you don't have to get ready."

## RECOGNITION



### 50 Million Records Created

*Contributor: Robin Wojtanik*

Congrats to our Records Management team on achieving 50-million digital records! Part of our Information Management Services group, and together with critical subcontractor North Wind Solutions,

the team has retained this eye-popping number of records in the Integrated Document Management System.

If printed, the records are estimated to be 200,000 cubic feet of paper that, if laid end to end, would stretch 86,000 miles and could circle the globe

3.5 times! This milestone indicates a successful transition to electronic records – highlighting our commitment to reducing our environmental impact. Our teams have also led the effort to ship records to the U.S. National Archives and Records Administration and reignited the disposition effort. Way to go!

## RECOGNITION



### VOLUNTEER SPOTLIGHT: Wendy Robbins Employee Concerns



Wendy Robbins (right) clogging at Adult Day Services.

Meet Wendy Robbins, who directs a dance group that performs for Adult Day Services, local Life Care Centers, retirement homes, community events and parades. Entertainers range in age from toddler to adult, who learn and perform all styles of dance, including ballet, tap, jazz, hip hop, clogging, lyrical, contemporary, musical theater and ballroom.



Wendy Robbins (second from right) and some of the dancers who perform throughout the community.

“Adult Day Services is particularly fun because the guests dance with us after our presentation and they are so enthusiastic,” said Robbins. “We also enjoy performing for residents at the Life Care Centers because they don’t have many opportunities to socialize. Our audiences love the variety of music and dance styles, the energy of the cloggers and seeing all the kids. We personally thank as many guests as possible after each show and they often light up at the opportunity to talk with a dancer.”

There are over 70 dancers in the performing groups, 15 of which are cloggers whom Robbins personally dances with. She has directed, taught and performed with the Diamond Ridge Cloggers group since its inception. Robbins already had several years of dance experience but couldn’t find an adult class beyond a beginner level. Her grandmother suggested she try clogging, and it was the perfect fit! Robbins formed the Diamond Ridge Cloggers when the original Tri-Cities clogging group disbanded. The group is based at Kennewick’s Dance Connection, a business formed by Robbins, and they love supporting local community events with performances throughout the year.

“Why do we do it? We love to dance and stay active,” said Robbins. “We love to share our love of dance, and joy, pure joy! We get so much joy from the smiles, toe-tapping and hand clapping of our most cherished audiences.”

## RECOGNITION

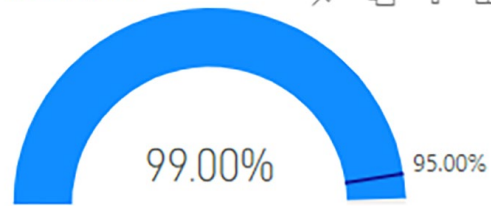
### Commitment to Compliance

Contributor: Robin Wojtanik

There's nothing like setting a stretch goal and knocking it out of the park! Our Ethics & Compliance team realized our workforce was out of compliance when it came to having a current Conflict of Interest form on file. Most of these had simply expired after a year and hadn't been updated, as required.

When the team realized it, only 55% of people had a current COI form on file. A goal was set to get the number to 95%, which seemed lofty, considering plenty of staff may have been on leave in that window. Within weeks that number shot up to 99%! Thanks for getting us there so quickly!

#### COI % Complete



% Complete is defined as COI's which are not in a state of not submitted, pending Acknowledgement, or submission date is more than 365 days old.



Ethics team members Vanessa Rodriguez (left) and Kadi Bence are proud of the compliance on Conflict of Interest forms.

## COMMUNITY OUTREACH

### HMIS Sponsors New Scholarship

Contributor: Reneé Brooks

Several members of our team recently had the chance to virtually meet and congratulate Aubrey Rainville, the first recipient of the \$2,500 HMIS-sponsored scholarship through the American Indian Science & Engineering Society, Columbia River Professional Chapter!

During the virtual meet and greet, Aubrey shared she is about to start her sophomore year at Western Oregon University, where she is in the pre-nursing program and will apply for the nursing program.

Raised in the small town of Myrtle Creek, Oregon, Aubrey is an enrolled member of the federally recognized Cow Creek Band of Umpqua Tribe of Indians. She loves playing pickleball and cuddling Blaze, the dog her parents got to "replace her" when she left for college.

Aubrey also had some words of wisdom when asked by COO Amy Basche what advice she might have for a parent (like Workforce



Solutions VP Julie Lindstrom, who was also on the call) taking a child to college for the first time, "It's hard, but knowing that your child is going to do something they're passionate about and are wanting to better themselves is something so amazing. Support them because they are going to need it; freshman year of college is hard."

Congratulations to Aubrey and good luck to all the students (and caregivers!) headed back to school this fall!

**HMiS**

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