

QUARTER THREE, 2022

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# The Edulogger

## Table of Contents

Employee Changes &  
New Hires

North Carolina  
Conference Report

Hardware Compatibility  
with Edulog

Fall 2022 School Start-  
up: Gassing Up New  
Problems

Ask Me Anything

Oops, That Didn't Go  
Right - Planning for  
Change

Active Recovery

Summer Fun

Crossword

## IT Announcement: Important Dates!

Our IT Department will be reserving the following quarterly window for the performance of regular system maintenance:

December 18, 2022 - 2 to 4PM MT

During this maintenance period, you may experience a brief outage of your hosted Edulog applications. Thank you for your patience and please contact your Account Manager with any questions.

## Announcing a New Resource!

We are excited to announce that we have a new resource for those of you who have or who are considering investing in on-bus hardware (like GPS units, tablets, etc.). Our newly published GPS Hardware Maintenance Guidelines and Policy provides some guidance about what to expect when you purchase on-bus hardware and how to keep your on-bus equipment operating reliably. In it, our team of experienced on-bus hardware project managers share some best practices and guidelines on how you can keep your hardware in good working order (and how to quickly check for anomalies indicating that further attention is required). If you are interested in receiving a copy of this helpful guide, please reach out to your Account Manager!

## Employee Changes and New Hires

Written by Lois Jensen and Shawna Knudson

### Employee Changes

We're proud to announce that Spencer Jenko will be leading our Advisory Services group going forward. Many of you may have worked with Spencer on a data assessment overview, identifying the low-hanging continuous improvement opportunities in your system, or perhaps on a much more involved optimization project. In addition to continuing to work with clients on these types of projects, Spencer will oversee the process of making our Advisory Services team and services more accessible to more of our clients.



Edulog, and she has come to see that the smallest of jobs are important to the bigger picture. We welcome Jennifer in her new role and are excited to see her take on new objectives.

Please join us in congratulating JD Holwick and Jonathan Smith, who are transitioning from their 2022 summer internships to part-time regular employment with Edulog. JD has returned to the University of Montana to complete his Computer Science degree in December of 2022.



Jonathan will be returning to Eastern Washington to finish up his Computer Science degree and will graduate in June of 2023.



JD and Jonathan have both been instrumental in helping the

Client Services Support team keep up with the rigors of the busy summer period. Their knowledge and contributions have steadily increased over the summer months as they have learned how to support our clients with the many facets of our products. We are excited to see JD and Jonathan continue to learn more about the various Edulog products, including the various Athena offerings, and grow their experience and education to make continued contributions to our success in the school bus transportation world.

Congratulations also to Djef Ikambana, who is



**Continued Page 3**

We're also happy to announce that Chelsea Reichard, who has been with us in sales and moonlighting in marketing, will be moving to marketing full-time as our Marketing Manager. Many of you will have already enjoyed her creative flair if you've

seen our displays at trade shows, read previous issues of the Edulogger, or received an email update from us.

Cheers to Jennifer Sherman, who has been promoted from Client Engagement Specialist to Team Lead. Jennifer is passionate and enthusiastic, overcoming all the obstacles life has to throw at her. She has grown professionally and personally during her time with





transitioning from his 2022 summer internship to full time employment with Edulog. Djef is currently a sophomore with a full ride scholarship at McDaniel College in Maryland. He is an accounting major with a philosophy minor, and has shown a great propensity for hard work and self-sufficiency.

We are excited to have Djef full time as a Client Engagement Specialist. He has contributed to the success of setting up essential client campaigns and reaching out to current and prospective clients. With the Client Engagement Team, he is assisting our sales department with new lead generation and promoting Edulog software to potential clients.



### New Hires

Please join me in welcoming David Bridge to the Edulog Project Management Office. David will be joined us on August 22 as a junior project manager reporting to Shawna Knudson.

David has most recently been an outreach coordinator at the University of Montana Campus Missionary. Prior to this, he was Archivist Intern and Seminarian at the Diocese of Grand Rapids. His research ability, along with his problem solving skills will be a welcome addition to the PMO.

We had hoped that David would be able to start in early August, but he was married at the end of July and he and his bride, Genevieve, spent the first weeks of August on their honeymoon. We're excited to see David apply his experience and education to help grow our business and help us continue to refine our project management checklists and processes, to better implement our products on schedule



and with client satisfaction.

We are also happy to announce Cory Emlen to the Edulog Project Management Team, who began working on September 5th. He will be fulfilling the function of the Project Management Coordinator. Cory graduated from the UM (How 'bout them Griz!) with a BA in Mathematics. Most recently he has been a math tutor and research assistant. His background in math and his research skills will be a welcome addition to the PMO. We are excited to see Cory apply his education to help streamline our PMO processes,



most importantly for the newest additions to the Edulog suite of products.

Finally, let's welcome Madison Irwin, who joined us on September 19th as a Training Specialist on the Training Team

reporting to Andréa Brunson, Training Lead. Madison will be responsible for online training, documentation, and assisting with curriculum development.

Madison graduated from the University of Montana with a Bachelor of Arts in English and Secondary Education. She was a permanent substitute teacher, as well as an English Literacy Volunteer with the Peace Corps in Western Samoa, teaching primary education. Madison has several years experience in Training and Curriculum Development. We're excited to see Madison apply her experience and education to help grow our business and help train our clients.

Please join us in saluting Spencer, Chelsea, Jennifer, JD, Jonathan, Djef, David, Cory and Madison on their accomplishments and well wishes for their continued professional growth with Edulog.

## North Carolina Conference Report

### Written by Derek Graham



The Edulog team was out in force at the North Carolina Pupil Transportation Association conference held June 27-30 in Concord, NC, just down the road from the Charlotte Motor Speedway. Sam Bull, Jason Corbally, Andy Leibenguth, Sara Mihailovich and Derek Graham were joined by representatives from Samsara (GPS) and E2CC (Tablets) at the trade show.

The team showed attendees the various components of Edulog's solution to the Smart School Bus Pilot Project funded by the state legislature. Demonstrations included the Driver Portal and Pre-Trip inspection on the tablets, Parent Portal mobile app, Web School Assistant for communication and Edulog's Athena routing. All of these components build on Edulog's routing and optimization, which is implemented statewide in North Carolina as the Transportation Information Management System (TIMS).



In addition to the trade show, the Edulog team conducted several educational and information sessions including Edulog Data Analysis (Andy), Training on Web Query, Web School Assistant and Parent Portal (Derek), Edulog Athena Next Generation Routing (Jason, Sara) and Routing Lessons from Fox River Grove (Derek). AND -

back by popular demand - Edulog sponsored the North Carolina routing competition.

The first annual Edulog Social, following the conference opening session, was a tremendous hit. It provided an opportunity for TIMS routers along with transportation directors and supervisors to connect and reconnect with the Edulog team in an informal setting. They even competed for gift cards in a few friendly rounds of KAHOOT!

NCPTA Conference Coordinator Cynthia Phillips was more than excited at the turnout. She reports that "NCPTA enjoyed our first face to face Transposium in over 2 years. We had over 575 members attend the 60+ sessions of training."

Edulog President, Jason Corbally, summed up the value of this particular conference, saying "These folks have been using TIMS, Edulog Routing, for a long, long time and we haven't had the chance to see them in person for a few years now. Reconnecting at the time when there are so many new advanced tools was just perfect. We laughed and learned and had a great week in North Carolina!"





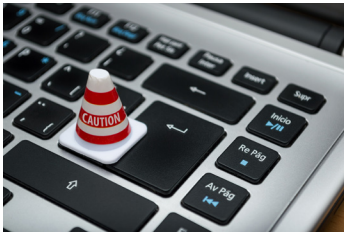
## Hardware Compatibility with Edulog

Written by Lam Nguyen-Bull

Congratulations! You've just been told that your department will be getting all new computers with better monitors and faster processors!

Or, you just got the funding you've been lobbying for these last three years to invest in a student rider-ship tracking program and you've found a killer deal on RFID cards!

Are you one of these lucky people? Your struggles are over! But wait...



The proliferation of operating system versions, chipsets, and rapid development and evolution

of technologies like RFID cards and portable electronics like tablets means that an exciting new technology purchase can quickly become a nightmare if decisions are made without looking at possible downstream or network effects.

For example, new computer workstations may generally be good news, but might unexpectedly cause problems running your routing software.

Or, the RFID cards that work perfectly fine in a static setting (for checking out books at the library, or in the lunch line) might not be suitable for an on-bus application (where every student has to scan on or off).

The RFID card readers you've selected might work really well on your conventional buses, but could glitch on board a Compressed Natural Gas (CNG) bus.

Truly, some of the surprises we've worked through with our clients are truly mind-boggling and unexpected!

*"There are known knowns; there are things we know we know. We also know there are known unknowns; that is to say we know there are some things we do not know. But there are also unknown unknowns—the ones we don't know we don't know." Donald Rumsfeld*

Now, we can't promise to help you much with the unknown unknowns. But we sure as sugar can help you with the known knowns and the known unknowns that we know that maybe you don't (read that one again! 😊). And we might be able to help you limit the potential impact of unknown unknowns (running a small trial? investigating and researching?).

If you're about to be the lucky recipient or purchaser of some new technology, give your Account Manager a shout. We may not be able to help you eliminate all risk, but we can hopefully help minimize that "shoulda, coulda, woulda" feeling we all sometimes get.

## Fall 2022 School Startup: Gassing Up New Problems

Written by Spencer Jenko

As the late-summer heatwave finally starts relenting across North America, school districts everywhere are embarking upon the annual fall ritual of school startup. For most, longstanding transportation issues such as driver shortages have not abated since last year, with solutions to this issue ranging from the truly ingenious to the truly desperate. But amongst the new bus plans and proposals being implemented, another trend is adding to the mountain of problems facing school transportation departments: the cost of gas.

High gas prices are not a new phenomenon, and much has been written over the years about the outsized impact they can have on school districts. A modest fleet of buses can collectively travel over 1,000 miles each day, meaning that even a small increase in gas prices can deliver a huge blow to transportation budgets. But while the cost of gas is now on a slow downwards trend from its summertime record highs, the average price nationwide has only just dipped below \$4.00/gallon for unleaded. And since school bus fleets typically rely on diesel for fuel, their transportation costs are expected to remain high throughout the fall semester, if not the entire school year.


In addition to fuel costs, another trend taking effect this fall is that many districts' ridership numbers are increasing. More students are electing to utilize public transportation options than in the previous school year. Some Edulog clients have reported increases of 5-10% in the number of transportation requests from attending families. These increases are significant, and are putting additional stress on bus fleets to maximize their bus capacities even further. Multiple districts are starting to re-evaluate their routing models now in the hopes of finding any opportunity for improvement.

Is this trend the direct result of gas prices? The answer is mixed, but there is evidence to support such a notion. The Mineta Transportation Institute published a report in December 2014 that found strong evidence of higher gas prices leading to a rise in the use of public transportation services. A 10.0% increase in prices boosted ridership 1.8% when crossing the \$3.00/gal threshold, with the effect compounding as prices reached \$4.00/gal.


Additional factors may complicate the picture somewhat, as a struggling domestic economy can increase use of public services as a way to reduce individual and family costs. And as we push into 2023, these factors could become more apparent. But while the exact cause-and-effect is hard to pin down right now, what is clear is that the increase in ridership is becoming yet another way for transportation departments to break under stress.

For now at least, the idea of a stable environment for school bus operations will remain a pipe dream for many school districts.


Edulog's software and advisory services can be important tools in your toolbox for helping weather these challenges. Contact your Account Manager if you'd like to explore how what you already have might help, or if we can assist in other ways!




Understand your data




Evaluate your options




Visualize your efficiency



Make data-driven decisions

Contact us to learn more and schedule your FREE demo!



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## Ask Me Anything

### Written By Shawna Knudson

This quarter's question was, "what are the most important things that you have learned in 30 years at Edulog?"

This is a great question and one that really made me think. I have learned so many things while working at Edulog that have benefited me personally and professionally, but I want to focus on those things that I have learned that will resonate most with our clients.

**Technology is a tool, not a panacea.** Software can and does make our lives easier, but no software will solve the 'unsolvable' problems. The analogy I use is regarding word processing software. I can use Word to write a book, but the software itself will not make me a writer. In order to become a published author, much hard work must first take place. You need to learn sentence structure, have an extended vocabulary, and the ability to spin a web of words to create a story that is interesting, intriguing and compelling. The same can be said for the Edulog software. If the data is available, in a usable format, we can use the software to solve problems and answer questions, BUT, you need to understand the processes, learn to use the software, have the ability to analyze the results and the tenacity to stick with it.

**Change is inevitable.** When I first began working for Edulog, a keyboard cost more than an inexpensive home use tablet costs now. Mice were non-existent and cell phones were not widely used. During the development of our first Web Query application, we had to research how many homes had Internet access to assure that the release of the software would be widely used during the initial release. Over time, we have moved from district hosted servers to hosted cloud solutions. School districts have figured out that the sophisticated users of the Edulog software have a wealth of informa-

tion at their fingertips and now, everyone wants access. Don't be resistant to change, embrace it!

**Bus Drivers are a vital part of the education process.** I grew up in a rural Montana town. Our school district was a K-12 district with less than 400 students and my graduating class had 36 people. The first person I met when I started attending school was Wayne Johnson, the bus driver. He and his wife, Charlotte, were service focused. They were active in church youth groups, active in the schools, kind, considerate and the first smile I saw every morning on my way to school. I have read testimonies about how drivers have helped students, by listening, identifying abuse, etc. on top of their most vital contribution, getting those students to school. I am one of the best examples of the impact that a bus driver can have on a student. Wayne will always be one of my best memories of my primary and secondary education.

**Software development is nothing like I expected.** The lesson here, for me, was a life lesson of my ongoing issue of oversimplifying problems. I had no experience in software development, and no exposure to software development, but I sure had expectations and they were ALL WRONG. After 30 years, I still can't predict which tasks will be simple and which will require an iterative approach, with multiple releases. BUT, I have learned to ask questions so I don't give bad information to our clients based on my assumptions!

**Conflict doesn't have to be negative.** Raise your hand if you are conflict avoidant! (See me raising my hand!). I know, I know, I might seem like one of the least conflict avoidant people in the world, but that hasn't always been the case. As a younger adult, I didn't realize that

conflict was just an opportunity to find a more collaborative way to move forward. This requires a shift in how you view conflict; conflict is not gossip, rumors, and/or arguing. Conflicts should be constructive! Airing out our differences is progressive and needs to happen for us to achieve even greater levels.

***This too shall pass.*** The cure for workplace stress and anxiety is to remember this statement. After 30 years, I am sure that something happened early on that I thought was a career ender, but here I sit and sure enough, that did pass! These magic words teach us the power of impermanence. Whatever we are going through in life personally or professionally, is temporary and will change.

***Panic in the proper order.*** Many of you have heard me say this. Too often, we panic too soon or about things that we shouldn't even be worried about yet. That is not to say that there isn't benefit to considering what might happen based on our actions (or inactions), but the key is about the emotional response. Panic often sets us into the fight or flight conundrum and what we need most when we need results is focus. Breathe deep, take in everything, set your intention and take care of it! Can't do it

yourself? Ask for help!

***You are what you eat.*** I am not necessarily talking about food. Your persona is made up of all of the things that you ingest in your body. Are you surrounded by negativity? Do you only read or do things that make you smarter about work or that will make you money? Expand your horizons. Read for pleasure, visit a museum, take in the symphony.

***You can't keep up with technology.*** Ask yourself how much information you can absorb. To produce better work, we need to be thinking clearly. Protect your brain and stop making it sort through so much garbage. Focus on what's important!

***FAMILY FIRST.*** We all say this, but we don't all live it. I often used "providing for my kids" as a cover for selfish behavior that was really about professional ego. My work requires intensity and dedication, but I have finite amounts of enthusiasm, patience and love - and I am not spending it all at work! Spend it at home, where the ROI is sweeter.



## Oops, That Didn't Go Right - Planning for Change

Written by Arika Steele and Shawna Knudson

Have you ever made plans and then they went wrong? And what if you have to scrap that plan altogether? It happens all the time, unexpected hiccups in our professional and personal life. We have a great example from our personal lives that happened in August.

Arika, Jason (Arika's partner), and Shawna had plans for a great paddleboarding float down the Clark Fork River here in Missoula, on what we thought would be an especially hot Sunday. Our coolers were packed, sunscreen lathered on, and our sense of adventure was fully primed. We drove to our put-in spot (the place where you gather all your gear and get into the riv-

erns were getting the better of us when we realized we were in the middle of the storm. Off we went up the little hill to take shelter from the impending storm.

When Jason returned, it was pouring, thunder was drumming and lightning crackling. Arika jumped in the car and Shawna followed suit. We started discussing our options. All of our stuff was still sitting at the water's edge getting soaked and the boards were partially in the river where we had left them. "Well," we thought "let's see if the storm passes." That lasted all of 10 minutes. It was decided we would have to be out of our minds to try and do this trip. It



er) and lo and behold, Arika realized we had forgotten our paddles. Being determined and feeling adventurous, it did cross her mind that we could manage without them, but that was a fleeting thought. You need your paddles; as the saying goes "up a creek without a paddle." Jason got in the car and took a 40-minute round trip to get those paddles.

As Shawna and Arika waited for his return, the weather, which was a little over cast (what happened to our sunny day?) took a dramatic turn. We could hear thunder off in the distance followed by the flashing of lightning. We sat in it for a bit until we realized it was getting closer and closer. Shawna, being the techy she is, had her weather app out following the storm and it looked like it was going to turn away. Our

had gotten really cold and there was no sign of it letting up.

Arika grabbed a yoga mat and put it over her head to run down and make sure the boards hadn't floated off. While she was there, she grabbed our coolers! Interestingly, Arika thought that the yoga mat would save her from a possible lightning strike. Fortunately, her theory didn't get tested! Soon, there was a small break in the weather, we exited the car and hauled ourselves down to river to grab our boards. The next 20 minutes was a flurry of getting in and out of the car between lightning strikes (lightning had been striking the surrounding mountains at this point). All 3 of us were soaking wet, which had been our original goal, but how we got there was definitely not

how we'd originally planned!

Ultimately, we pivoted and went out for a nice lunch. Our conversation around the table was entertaining, recapping all that had happened. We agreed that it was fortuitous that we had forgotten our paddles. Had we embarked on our adventure when we had planned to, we would have been on the river in that storm, putting ourselves at great risk of getting struck by lightning, getting a case of hypothermia, or capsizing our paddleboards!

Sometimes even the best-developed and executed plan can have unexpected blockers. When you are working on a project and you hit a blocker, sometimes the best thing to do is to put the plan on hold! Two weeks later, we were able to take that trip and we had the time of our lives.



## Changing School Boundaries? Changing Bell Times? Need to Find Savings in Your Budget?

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- Proposed 3 bell-time schedule options, saving costs and improving service levels
- Provided change management and community engagement assistance for a district implementing a parent-facing app
- Optimized a district's runs and routes, reducing vehicle need by 18%
- Designed optimized runs and routes to accommodate new boundaries, mitigating cost impacts

Edulog has been providing industry-leading routing and planning software to school districts since 1977.  
For more information, visit us at [Edulog.com](https://www.edulog.com)



## Active Recovery

Written by Lam Nguyen-Bull

School's back in session, Pumpkin Spice Lattes are around again, and nighttime temperatures are cooling down fast here in the Mountain West (Mountain North, if you're a weightlifter).

Just like many of you, we here at Edulog are recovering from that last interval of high-intensity work for school start. But whether you're weary or wicked, there's no rest for you! Nope!

"Recovery" in our world would in certain fitness jargon be called "active recovery" (not to be confused with "rest day" - remember, no rest for the wicked<sup>1</sup> weary (translation: very weary) or the weary wicked (translation: tired trouble-makers)).

What is active recovery? According to the National Academy of Sports Medicine, "[t]ypical active recovery activities include walking, swimming, cycling, jogging, yoga, or active stretching."<sup>2</sup> If you read that list and thought, "LOL, that sounds kind of like what my actual/aspirational workout is," you're not alone! The point is, this period after school start is no time to rest, whether you're a varsity-level athlete or a weekend warrior. In the world of training and sport, active recovery is important because it's a type of movement different in intensity, and ideally, type, from your strenuous workout, but it stimulates blood flow to your muscles and fascia, stimulating recovery and facilitating growth.

Here's where I tie this metaphor to the theme of this quarter's newsletter - House of Straw or House of Brick? Active recovery is critical to helping you go from a house of straw to a house of brick. Like in the story, houses made of straw can be deceptively acceptable until their deficiencies become catastrophically and irrevocably obvious. Unlike the story, your

storyline doesn't necessarily only go in one direction. What was a sturdy house of brick one year could, three years later, turn out to have a straw staircase.

Enough with the metaphors?

In the world of work, "active recovery" really means "continuous improvement." It's the critical thinking you bring to your work over and above making sure your team gets through each day with minimal glitches. What can I improve? How can I improve it? Is there an opportunity to make or prepare to make a big change? As social animals, we are powerfully influenced to think about magical times of year (New Year's resolutions, or "in time for school start", or magical opportunities ("after X happens, I'll be ready for Y") to make big changes.

But James Clear put it succinctly when he warned that "Some people spend their entire lives waiting for the time to be right to make an improvement."

If there are improvements to be made, delaying starting on those improvements until the "next cycle" only means that you're committing your organization to many extra months of doing things sub-optimally. And, for many of us who have continuous improvement programs, changes can and should be introduced whenever appropriate, not just at magical times of year.

Don't know where to start? Contact our Advisory Services Team or your Account Manager! Try a conversation with us! We're happy to be your partner in fitness...fittin' this recovery into your schedule!

See fun photo on next page.

Continued Page 12



Did you know that traditional argan oil processing used to involve goats? The hard fruit would be eaten by the goats (who would climb the trees to get to the fruit). Through a complex “system” involving goaty guts and fermentation, the goats would “process” the fruit, “extracting” the seeds/nuts, and “ejecting” them into people-accessible places. The nuts would then be ground and the oil extracted for use. This traditional process resulted in an oil that has a powerful, er, goaty character unsuitable for export to Western hair salons. Today, the fruits are harvested and the nuts and oil mechanically extracted. There’s something in this story to be learned about change, I think. Anyway, enjoy the photo!<sup>12</sup>

1 Where are my New Englanders??

2 “Active Recovery Workouts: What To Do On Your Rest Day?” National Academy of Sports Medicine, available at <https://blog.nasm.org/active-recovery>, last accessed: Aug. 31, 2022.



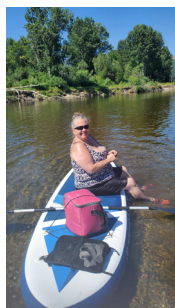
## Summer Fun

Written by Cori Burns

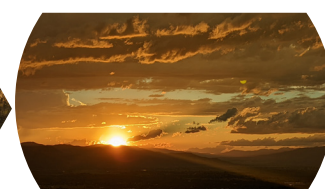
From Morocco to Alaska cruising, scenic hikes around Missoula, and lots of places in between - the Edulog team has enjoyed an adventurous summer, all while gearing up for school start! We wait through many months of chilly weather for our precious summer months, and they go by quickly. Teammates made the most of it by traveling, floating, fishing, hiking, paddleboarding, bonding with family, and welcoming new babies. Here are a few pictures depicting all the summer fun!



Andréa took a hike up to Weaver Lake in the Jennie Lakes Wilderness, near Kings Canyon National Park in the Sierra Mountains of California. It's a 700-ft elevation gain in the first 2 miles. Their mastiff's name is Odin; he's 19-months old and on his first hike.



Shawna, Arika and family like to paddleboard on the weekends and try new stretches of rivers surrounding Missoula. They also had an exciting bear sighting at Beavertail Pond.



Jonathan - spent the summer hiking around Missoula before returning to finish school in Spokane.

Continued Page 14



Basia - had little baby girl Emma Marie, born May 24th weighing in at 6 lbs. 7 oz. and 19 inches tall. We always need more Geminis in the world!



Cori had a family trip, 6 days/5 nights on the Smith River, where it rained ALL day, every day.- Yet it was still a fantastic adventure with breathtaking scenery.



Jennifer spent time in Montana (she works out of Colorado) with family, where she caught her first fish. She and her sister Sarah (Account Management) got matching tattoos in August.



Joanne went to Noxon Reservoir. "Montana Mountains and Lake view. Hard to beat".



Barak and family hiked 6 miles to a Forest Service cabin over the July 4th Weekend.

Continued Page 15





Karl spent time with family, celebrating accomplishments (notably, his son Julian's graduation from residency at Psychiatry Department at University of Utah - he's the one in the middle with the blue tie) and having kids home from school.



Lois traveled all over Alaska from May 4 -18, 2022. Lois and her husband Keith went to Portage Glacier, Fairbanks, the Alaskan pipeline, Prince William Sound, and the Arctic glacier.



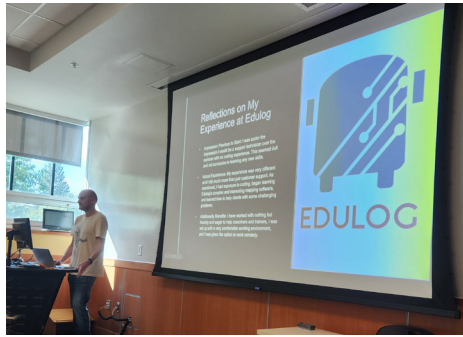
Samantha and family had an outing to the Renaissance fair this summer. Both of her kids got to fight at night and shoot a bow for the first time. They were joined by Michaela, who previously worked for Edulog.



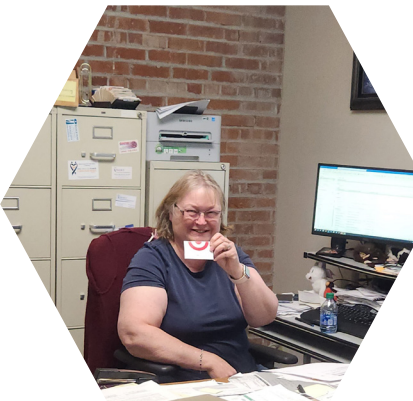
Lam, Sam and their 4 children enjoyed a long vacation in Morocco over the summer. They appreciated all the beauty of the country, including peacocks, fishing boats, spice markets and gorgeous architecture.

Continued Page 15





JD gave a presentation regarding his internship with Edulog over the summer.



Lastly, Edulog sponsored a company picnic for the Missoula staff with great food and good company. What a way to end another Summer! Lois, Cory and JD won gift cards from our drawing. Thank you Zoo Nutrition (<https://www.facebook.com/ZooNutritionMT/>) for the healthy drinks.

## Word Search

FIND THE WORDS IN THE PUZZLE. WORDS ARE HIDDEN →↓AND ↘.

N	M	K	F	P	Q	Q	G	T	K	O	Z	G	J	L	W	B	B
A	Q	S	C	F	P	S	U	C	M	U	H	X	U	U	A	U	H
V	N	E	E	F	K	R	E	H	P	N	F	Y	J	Z	U	X	R
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W	P	O	R	T	A	L	U	N	R	X	P	H	Q	V	F	V	K

## WORDS

ATHENA

BUS

DRIVER

EDULOGGER

EDUCATION

PORTAL

NAVIGATE

SEATING

TABLET

TEAM

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# The Edulogger

A NEWSLETTER FOR CLIENTS

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