



Team Cessna Saver

Redtail Aviation operates two aircraft runways in Moab and Price and when an aircraft blows a tire on the runway, it can seriously cripple operations.

“Most of the aircraft we see with blown out tires are the smaller Cessnas that do a lot of training,” said Angie Johannsen, vice president of Redtail Aviation. “Those planes are easy to move around when the tires are OK but when there are problems you risk damaging the aircraft wheel. Anytime an aircraft part is involved, you can count on it being very expensive to fix. So just tugging the plane off the runway is not an option.”

The nearness of a mechanic and the required equipment often makes it difficult for the aircraft to be moved or fixed. This often results in the airport operations being delayed for hours.

“Bottom line, your runway is closed. Planes cannot land or take off,” Johannsen said. “You need the damaged aircraft off the runway ASAP.”

Six Weber State University manufacturing and design engineering technology students decided to resolve



Team Cessna Saver, (from left to right) James Schuh, Michael Rigby, Josh Critchlow, Drake Thomson, Mason Winters and Amanda Voigt.

this problem in conjunction with their senior project. Their objective was to help smaller and single-runway airfields run more smoothly.

Calling themselves “Team Cessna Saver,” the group has worked tirelessly over the last two semesters designing and building a universal jack-dolly device that can support tires up to 30 inches wide and planes weighing as much as 8,400 pounds. According to their research, no such product currently exists on the market.

Weighing approximately 150 pounds, this steel device utilizes hydraulics to increase and contract allowing it to support a defective tire. The defective wheel and tire are then



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Edited by Adrien Covington

New App Lab

Weber State University and Ogden city have collaborated to bring a quickly growing industry to Ogden.

WSU Research Foundation and Ogden's Community and Economic Development staff have created a program to foster mobile application software for devices such as: iPads, iPhones and Android devices.

"With mobile application development, you have an industry that is growing faster than almost any other," said Terrence Bride, Ogden's assistant business development manager. "And it brings with it high-paid jobs. The median salary for these types of jobs in this area is about \$80,000 a year."

Mobile application entrepreneurs will now have access to mentoring, training, legal services and small business loans.

"We would be taking in those that have a good, marketable concept and provide mentoring and funding to turn that concept into a real business enterprise that employs people," Bride said.

The primary focus of the program will be to generate jobs in Ogden, in particular WSU graduates, in related fields.

The city estimates that the program could create 750 jobs during its first 10 years.

Bride said, "WSU produces a large volume of software graduates each year—more than any other school in the state aside from Brigham Young University".

"Weber State is a big reason why this industry fits in Ogden," Bride said.

A \$1 million federal Economic Development Administration grant was approved by the Ogden City

Council which will help cover the initial costs such as paying for the building which will serve as the "mobile app center," and will provide mentoring and training services.

The city has provided \$285,000 to purchase and renovate a building at 2314 Washington Blvd. In addition \$145,000 will be provided for a loan fund to be used for business loans for costs incurred in the program.

The city also will be proposing an additional \$70,000 in funding in the fiscal year 2013 budget for the loan program, along with WSU giving \$50,000 towards the new building. WSU Bookstore will lease space in the city's building and will provide a retail outlet for educational supplies. The bookstore will also sell Apple products. §

DECA ICDC

The 2012 Annual Collegiate DECA Conference had over 1,200 attendees with 230 campuses represented from the United States and Canada. Weber State had 22 students at the conference competing in 11 different events. After the preliminary round of competition, Weber had eight students receive medals and qualify to compete in the final events. This represents over 36 percent of Weber State students making it to the final rounds.

Weber State students received a total of 10 medals five plaques and received 12 International Career Development Conference Awards of Excellence in Exceeding the National Standard of Performance.



The building at 2314 Washington Blvd. will house the Ogden City mobile apps lab. The city teamed up with Weber State University to develop the program and received city and federal funding to purchase and renovate the space.

Along with the competitive events, students engaged in educational academies, panel discussions, interactive training sessions and leadership focus groups. This year, the Collegiate DECA staff, Board of Directors and the Post-Secondary Council offered many meaningful experiences throughout the week for the Collegiate DECA students.

Students listed below, are those Weber State individuals invited to the stage to receive medallions and plaques.

Event Winners

- Felice Gant, 1st Place Professional Sales
- Seth Dickison, 1st Place National Management Institute
- James Proudfit, 1st Place National Management Institute
- Brett Aldridge, 3rd Place Business to Business Marketing
- Sina Sharifan, 3rd Place Business to Business Marketing

Top Ten Medalists

- Matt Carlile, Website Design
- Zachary Eagen, Business to Business Marketing
- Jon Foster, Business to Business Marketing
- Adrien Covington, Advertising Campaign
- Alan Kennedy, Sales Management Meeting §

Charitable Chair

On April 6, Weber State University Interior Design students applied their class room knowledge to a real world situation by creating or restoring historically authentic chairs. The event called "Charitable Chair" included over thirty handcrafted and one-of-a-kind chairs. These chairs were then auctioned off at Gallery 51 in the Union Station, Ogden.

All proceeds raised were given to the Boys & Girls Clubs of Weber-Davis as well as a new scholarship fund for interior design students.

Visitors were able to preview the chairs from 6 - 6:45 p.m. with the auction at 7 p.m. Over fifty students were given the challenge of restoring a historically significant chair or creating a new chair that reflected a significant historical style.

"The chair I created is a modern interpretation of the adjustable-back chair by designer William Morris," said Michael Lever, interior design student. "I have always admired his adjustable-back chair. It was cutting edge for its time. No one had con-



structed anything like that before the mid-1800s."

Lever's adaptation is upholstered in a reproduction of the famous "Acanthus Tapestry" also designed by William Morris in 1896. "I will consider this a successful project 150 years from now if this chair lasts and functions as it should and as the Morris chair has done for 150 years," Lever said. "Then I will have been successful."

It took the culmination of five interior design courses including, Historical Interiors, Architectural Detailing and American and Modern Interiors to provide the students with the knowledge they needed to construct their chairs.

Multiple companies and sponsors donated money and supplies to the students so they could turn their concepts into reality.

"North Davis Cabinet & Design did all the refinish work for my chair," said Kristina Bruderer from Layton, a junior in interior design. "My chair was an interpretation of a Thomas Chippendale ladder-back chair that was crafted of mahogany. North Davis helped me select a finish to resemble mahogany and donated \$350 in materials and craftsmanship, so that was really cool."

The interior design faculty also refurbished two chairs of their own so they



could experience the effort, networking, design skills and management that went into creating these historically authentic chairs.

"This has been a different kind of mentoring experience way beyond the classroom, said Kristen Arnold.

We've had to learn to trust students more and help them fine-tune their aesthetic discernment as well," said Kristen Arnold, program coordinator and interior design instructor. "We have had to be very stern on quality and expectations because this is something that someone will purchase and treasure, and it goes far beyond a

normal student project."

In addition to the auction, youth from the Boys & Girls Clubs created miniature, edible chairs for display the night of the event. The "Charitable Chair" auction and "Edible Chair" displays are in conjunction with Ogden's First Friday Art Stroll. §



Team Cessna Saver contd.

elevated, positioning the plane's weight onto the jack-dolly device's frame and four wheels. The plane can then be wheeled off the runway where it can be repaired, and flight landings and takeoffs can resume.

"Team Cessna" members estimate the entire procedure takes less than 15 minutes, which is considerably less than the current time allotted for similar occurrences.

Team captain Mason Winters, a manufacturing engineering technology student with a welding emphasis, directed the project. Winters also happens to be Johannsen's husband.

"It's Mason's baby," said Josh Critchlow, a manufacturing engineering technology student who served as the team's treasurer. "He generated the idea. He's been very supportive, he makes every one of us work harder



for it. He's done it all. He knows the weights of the planes. He knows the resources and has talked to mechanics."

Winters also shuttles the device to Price, Utah each weekend, experimenting with it on planes to help determine the best configuration for the device.

Along with Winters and Critchlow, the team consists of Michael Rigby, Price, Utah, and James Schuh, Layton, Utah who

are currently earning their degrees in manufacturing engineering technology. Drake Thompson, Clearfield, Utah, and Amanda Voigt, Riverdale, Utah contributed as well, they graduated in April with design graphic and engineering technology degrees.

Also Thompson and Voigt were in charge of designing the device on the computer, and creating a 3-D model

which acted as a blueprint for manufacturing. Both students spent around fifteen hours a week on the project. The workload switched from design to manufacturing as the project progressed.

A preliminary test in February had the team tweaking how the device slipped under the damaged tire. They also increased the amount of weight the dolly could support.

The project has taught the students the importance of teamwork and collaboration. They've also learned how to keep a project within a tight budget, \$1,500 in this case.

"One of the biggest parts was the hydraulics attachments, said Critchlow. We had something come back the wrong size, and we knew we didn't have the money to get it re-machined. We had to problem-solve a way to get it to work."

Funding for the project was provided primarily by Redtail Aviation. Materials such as steel, resources and labor were also provided by A&F Welding, Aerodine Machine, Bolt & Nut Supply, EVCO House of Hose and Intermountain Electronics. §

Zaynab Alshakhiss

When Saudi Arabian Zaynab Alshakhiss was elected to the Weber State University student senate this spring, her home country's media was sent into a frenzy.

Over a dozen media outlets approached Weber State and Alshakhiss about her ground breaking win as the international student senator for the 2012 - 13 year.

Alshakhiss is the first female Saudi Arabian to hold the international student senator position. She will represent all international students both male and female.

Weber State has more than 500 international students.

"It makes it a big deal because I'm a girl," said Alshakhiss, a 22-year-old computer science major.

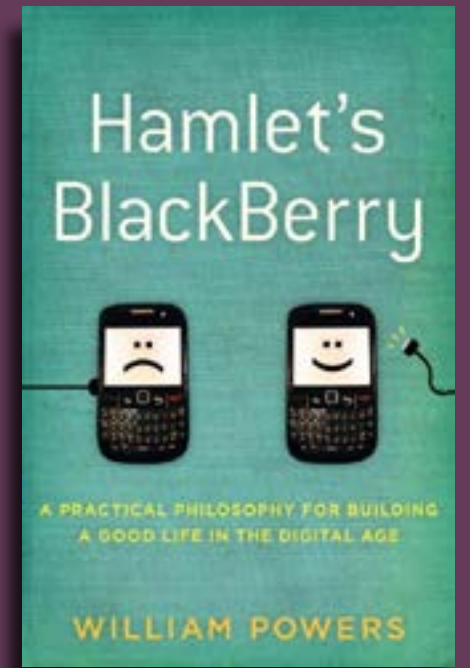
"It's unusual. Most of the time, leadership positions where I am from are for males. It makes it kind of a big thing.



(From left) Zaynab Alshakhiss, Weber State University student senator-elect, Nancy Collingwood, director of Student Involvement & Leadership, and Hamad Al Yami, International Student and Scholar

Hamlet's BlackBerry

COAST co-sponsored a lecture by William Powers, author of the bestselling *Hamlet's BlackBerry*, on April 4 His book notes the historical transitions in personal information technology. His talk is "A Practical Philosophy for Building a Good Life in the Digital Age".



Most of the newspapers were actually supportive. They were so excited for the news," said Alshakhiss.

A former WSU student senator, Hamad Al Yami, who works at the WSU International Student and Scholar Center, told some of the media outlets in Saudi Arabia of the news.

"Everybody was so excited about the achievement of a Saudi woman getting in a leadership position," Yami said. "It means a lot for Saudi women to see a Saudi woman involved with making decisions and representing all the international students at Weber State."

"She is one of about 70,000 Saudi students in the United States, and there are no other Saudi women in her position. There are a few Saudi women who do lead groups of only Saudi students."

Alshakhiss gives credit to Al Yami for helping her see her leadership potential.

"We had been working together to organize students in a club," Alshakhiss said of her friend. "He just suggested, 'What do you think (of running) for

Senate? If you want to do it, I'm going to support you.'"

Alshakhiss was very skeptical at first.

"First of all, I was afraid," Alshakhiss said. "It was going to be the first time in my life I would run for a position like this. It would be a big responsibility.

"But Hamad tells me, 'Don't even worry. I will help you as much as you need me, and others will help you.' I decided to like the idea and said I would go for it," said Alshakhiss.

One of Al Yami's goals is to aid Saudi women in achieving their leadership potential.

"Zaynab has shown leadership through the Saudi Club at Weber State," he said. "Why shouldn't she run for this position in student government?"

Alshakhiss said, her senatorial goal is to improve life for all WSU international students.

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Interior design students

- **Contempo Tile Vitroso Tile Contest**
Sarah Breinholt (first place and people's choice award); Krista Brown (second place); Kyra Bell, third place.
- **IIDA Portfolio Review**
Amanda Villalobos won honorable mention
- **Study abroad**
30 students and 4 faculty members will be taking a Study Abroad tour to New York City May 6-11. As well as the World Market in Vegas July 30-August 1.

Interior Design Portfolio Review

The Weber State University Interior Design Program Portfolio Review was held April 10 in the Elizabeth Dee Shaw Art Gallery on the WSU campus. Graduating senior students exhibited their senior projects and student portfolios for judges and guests. Four area designers, Tracee Goff, Rob Call, Tracy Barlow and Shiree Nixon reviewed the projects and portfolios. The following were chosen winners for excellence in the senior project and portfolio design: Valerie Maxfield, first place; Amanda Villalobos, second place; Shay Tucker, third place.

Outstanding Business Educator

Diana J. Green, Network Technology and Business Multimedia Department, received the University Outstanding Business Educator of the Year Award from Western Business Education Association in February at Newport Beach, CA. She also presented a session, "Developing Soft Skills: Strategies & Activities for the Business Education Curriculum" at the WBEA Conference.



Diana J. Green receiving her award

that is very flexible and is excellent for students. This degree is all about what's best for students to help move them through their education and provide them additional opportunities."

The College of Applied Science & Technology (COAST) at WSU will oversee the new program.

Prospective students must first meet with a COAST academic advisor to create a program-contract plan.

New path from technical college to WSU

On April 23 the Davis Applied Technology College (DATC) and the Ogden-Weber Applied Technology College (OWATC) accepted a route for students to transfer credits to Weber State University.

Students who have completed a 900 hour certificate program will be able to receive 30 semester hours of transfer elective credit from WSU. The 30 credits are applied toward an Associate of Applied Science (AAS) in General Technology, a degree requiring a minimum of 63.5 credits.

"The Board of Regents asked each institution of higher education in the state to design such a degree, and each is different," said Julie Snowball, director of Career and Technical Education. "Weber State has partnered with the two local Applied Technology Centers (ATC) to come up with something

"Many students have received substantial training and education at the ATC who now want more," said Jim Taggart, vice president for instructional services, OWATC. "Those students can enter an accredited university with nearly a year of coursework complete; this will give them a significant boost. This partnership not only recognizes the value of technical education, it supports the governor's 2020 goal of increasing post-secondary certificate and degree completion in Utah."

Students have five years after the completion of the approved 900 hour program at the ATCs to apply for enrollment in the AAS general technology program. §



The president signing the ATC Agreement

"I would like to accomplish whatever would make their life here easier and better," she said. "Any issues they face, I would like to handle it and do whatever I can to help them, to take some action to solve problems."

"In Saudi Arabia, it is not the cultural norm for men and women to exchange ideas freely," said Alshakhiss.

Alshakhiss has been living in Utah since 2008 and is extremely comfortable talking to people of both genders and all nationalities.

She chose to attend Weber State University because of its proximity to family members.

Alshakhiss hopes her election will inspire at least some of the girls and women back home who see her story in the newspapers.

"I think it will," she said. "Why not?"

Upon graduating Alshakhiss would like to get a job in America to gain some experience and then move back to Saudi Arabia,

Would she like to be a leader again back in Saudi Arabia?

"I would like to for sure," said Alshakhiss §

WSU Day at the Capital

Two Electronic Engineering Technology (EET) senior project teams traveled to the State Capitol to attend the WSU Day at the Capitol on February 2, 2012. Both teams are working with the Community Involvement Center (CIC) to do projects for Pioneer Adult Rehabilitation Center (PARC), an organization that uses disabled and special needs employees to assemble and package various kits and other products. Both projects applied for and received Hall Grant funding.

One team, consisting of Clyde Conley, Zack Lowder, and Chris White, is doing a project to help automate PARC's inventory system. Their project deploys scanners and automated counters to help maintain a large inventory that must otherwise be tallied by hand. The other team, consisting of Brian Berry, Richard Ellis, and Kevin Kupfer, is designing a scale system that can be used to verify that completed kits have the correct weight. This should reduce packaging errors and could save hundreds of man hours over the course of a year.

The teams designed posters and made impromptu presentations to state senators and representatives as they visited the exhibits. The presentations received a lot of attention; visitors included WSU President Ann Millner and Senator Stuart C. Reid. The response was universally positive, particularly from people associated with the CIC and the Hall Grant committee who were pleased to hear about the progress. Many of them simply said, "Good job guys!"

Also participating were Dr. Brenda Kowalewski, Director of the (CIC), and Dr. Fon Brown, EET Senior Projects Coordinator.

Kelsey Spaulding

I recently had the opportunity of speaking with Kelsey Spaulding the current student senator for The College of Applied Science and Technology (COAST). She will hold the same position next year. I was immediately impressed by the energy and confidence she exuded as we introduced ourselves and walked through the Shepherd Union Building towards a more subdued area.

We settled on the walkway traversing the main common area of the student center. It was early in the afternoon, and many of the students had de-

parted for home or work, yet a steady stream of people still meandered and socialized around us. I discovered Kelsey is an interior design major one year away from graduation and that she has a deep passion for the subject. In fact, the only thing she had a deeper passion for than interior design was Weber State University, a passion which became clearer and clearer with each subsequent question.



Having been raised in Ogden and with both parents having attended Weber she has always been involved even as a young girl. Attending sporting events and various on-campus activities throughout the years have instilled an undying sense of pride in Kelsey for Weber. There was no doubt in her mind after high school where she would attend college, and the Student Involvement and Leadership organization provided the perfect outlet for her boundless passion for Weber.

Her primary objective for being a student senator for COAST

is to bring all the different departments and their resources together to increase collaboration and networking opportunities. She believes that through this unification, everyone will produce better products and increase their opportunities in the professional world.

Kelsey's idea of collaboration and networking

was embodied by her campaign for student senator during which she gained assistance by outsourcing for the creation of her posters and video. "I would never have been able to do it all on my own. I am so thankful for all the people who helped with my campaign," said Kelsey. §

Women of Wages (WOW) award

Nina Hunter received The Women of Wages (WOW) Award presented by the Women's Center on March 21. She is a collision major with an art minor and was hired by Ford Motor Company this summer to design concept cars.

PBL Events and Places

Accounting Principles	Sangwon Kang 7th Uksoo Kang 8th
Business Law	Lynda Seneff 1st
Client Service	Danielle Rich 1st
Computer Applications	Akhapone Singta 2nd Jason Campbell 3rd
Computer Concepts	Akhapone Singta 1st Jason Campbell 4th Calee Christensen 7th Pannawat Hiranbanthow 10th
Cybersecurity	Calee Christensen 1st Akhapone Singta 3rd
Database Design and Concepts	Akhapone Singta 1st
Desktop Publishing	Rachel Park and Brennan Fuller 1st
Economics Analysis & Decision making	Rugang Qian and Zhuhan Wang 1st
Financial Concepts	Zhuhan Wang 3rd Lusha Chen 5th
Future Business Executive	Harrison Spendlove 2nd
Future Business Teacher	Tiffany Taurone 1st Brook Young 2nd Susanne Matina 3rd
Help Desk	Jason Campbell 2nd
Hospitality Management	Tylor Turnblom and Danielle Rich 3rd
Information Management	Rachel Park 2nd
International Business	Rugang Qian 6th
Job Interview	Harrison Spendlove 4th Danielle Rich 10th
Macroeconomics	Denise Nelson 1st Lusha Chen 7th Shuwen Wang 10th
Marketing Concepts	Tylor Turnblom 5th Rachel Park 7th
Microeconomics	Denise Nelson 1st Zhuhan Wang 2nd Shuwen Wang 7th Lusha Chen 9th
Network Design	Akhapone Singta, Calee Christensen and Nick Champlin 1st
Network Concepts	Calee Christensen 3rd Pannawat Hiranbanthow 7th
Parliamentary Procedures	Tessa Allred, Alison Ence, Tiffany Taurone, Susanne Matina, Brook Young 1st
Public Speaking	Lynda Seneff 3rd
Sports Management and Marketing	Jake Little 5th
Statistical Analysis	Lusha Chen 2nd
Telecommunications	Akhapone Singta 1st Pannawat Hiranbanthow 3rd
Word Processing	Akhapone Singta 6th

PBL State Leadership Conference

On March 30 and 31 at the Davis County Conference Center, the 2012 Utah PBL Conference was held. Weber State University students did an outstanding job in each of their competitions. We brought home the prestigious traveling trophy, the designation for the school that had the most impressive overall performance at the conference. When you see these students, be sure to congratulate them.

Congratulations to Danielle Rich, who was elected as the PBL Public Relations Officer for the state of Utah for the 2012-2013 school year, and to Harrison Spendlove, who was elected as the PBL President for the state of Utah for the 2012-2013 school year.

•Chapter Events

Chapter Report 3rd
Checks for Success Program of Work 4th

Congratulations to Harrison Spendlove as one of the recipients of the Nanette Anderson Leadership scholarship.

(All award recipients are featured in the table to the left) \$

NCUR COAST student presentations

The National Conference on Undergraduate Research (NCUR) 2012 was held at Weber State University and had over 3,100 participants.

NCUR is the largest undergraduate research conference in the nation

at which students present their research and attend speeches in their related fields.

COAST was well represented at the annual event, the students and their projects are listed below.

Mobile Elemental Power Plant (MEPP) was displayed by Spencer Mark and Brian Gray from Engineering Technology (ET).

Benjamin Evans, Jake Anderson and Robert Eckel from ET presented "Michaelson Wavemeter Measurements using Time and Frequency Domain Techniques."

From Computer Science, Brittany Carter, Trianna Salo and Michele Milliner presented "Closing the Gender Gap in Computing Sciences".

Posters included; Brian Sorensen, Robert Jones and Lance Wood with "How does Machine Feed Rate and Anodizing Effect Fatigue Life?,"

George Purvis, Mark Dalene and Zakary Stapp with "Characterization of Mechanical Property Degradation



Internal Grants Received by COAST Faculty 2011/2012

Faculty Name	Project	Amount Awarded
Rick Orr	ET Clickers	1824
Allyson Sanders	iPad Train the Trainer and Teacher	988
Drew Weidman	Computer Forensic Software	2912.5
JoEllen Jonsson	Sales Forecasting Software	500
Vel Cesler	Sales Presentation Lab	5999
Desiree Cooper	Develop remote access for sales presentation	3000
Ken Cuddeback	NetLab upgrade	1895
John Kelly	Automotive Technology Wireless System	4200
Ted Cowan	Agile Software Development Training	1440
Carl Grunander	Sales Presentation Evaluation Tools	5201
Desiree Cooper	Developing remote access for sales presentations	3380
Julanne McCulley	Instrumentation and Measurements Research Lab	7688
Rick Orr	LCD Monitors for CAD Lab	5000
JoEllen Jonsson	Distance Teaching and Learning Conference	1897
Garth Tuck	Wacom Tablets	1329
Drew Weidman	AirPCAP Wireless cards	7039

of Titanium Alloys by Welding Heat Input", all three from (ET).

In addition, from Interior Design, Amanda Boothe had "Interior Design: Single-Family Community Living and Growing Center."

Amanda Villalobos had "Healthy Living Community Center."

Rachel Bergeson had "Creating Effective Interior Environments."

Also, Pre-Engineering student Shayne Chambers present-

ed on working with UCAID and was sponsored by that organization.

Classes in three buildings were canceled for NCUR including the Elizabeth Hall, the Wattis Business Building, and the McKay Education Building. Classes in these buildings were canceled during all three days of NCUR.

The Shepherd Union Building served as the main hub for the event.

"It's just going to be really busy," said Chad Mosher, associate director of the Shepherd Union Building. "So it will probably be difficult for students if they want to use the

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Mobile Elemental Power Plant (MEPP)

During the Spring Semester at Weber State University (WSU) the Mobile Elemental Power Plant (MEPP) was finally completed after three semesters of hard work and effort.

It took over twenty individuals from four distinct disciplines within the College of Applied Science and Technology (COAST) to complete it.

“The idea is to have a power generation station that you can take off the grid and provide power to run communications equipment, radios, medical equipment, just everyday items,” Brian Gray, an electronics engineering technology senior and the project lead, said.

Made of four rechargeable twelve-volt batteries that are supplied power through solar panels, a water turbine, and a retractable thirty-foot-tall wind turbine, the device has the capability of powering a 1,200 square-foot home for one day(6-7 kilowatt hours of power usage per day).

All of the parts were designed, built, manufactured, and machined by students.

Brian Gray said, “If a person is resourceful with consumption and enough natural energy is available, the MEPP would have the capacity to run indefinitely”.

Future plans for the MEPP include integrating it into engineering technology courses at WSU in an effort to increase students’ knowledge of renewable energy.

“I think we envision using it and maybe even marketing it out into the private sector,” Gray said. “This would be something very useful to first responders, disaster preparedness people, third-world countries even that don’t have an available power grid.”

However, Gray noted that the MEPP cannot

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The MEPP was on display during NCUR outside the Union Building



presently compete with coal and oil in terms of cost.

“But if it ever got picked up by a commercial manufacturing company, costs could be reduced, and it might be affordable,” he said. §

students across the country are doing, and students from, like, five other countries outside the U.S.” Mosher said.

Many graduate schools from across the country sent representatives to the event, where they set up booths and were able to talk with prospective students.

There was also a dance held Friday for NCUR participants and WSU students in the Atrium of the Union.

“It is Friday night,” Mosher said, “Weber State students are invited as well as NCUR attendees. We’re going to max out the Atrium, having the biggest dance we’ve ever had in the building’s Atrium. That should be pretty cool.”

At the dance, free pizza was offered

to the first 500 students. Free drinks were also provided.

“This is a great opportunity for Weber State,” Kowalewski said, “And some of these challenges are a great chance to showcase Weber State.” §

NCUR COAST student presentations contd.

Union. It’s going to be packed.” Mosher said the Union will be the main place where participants eat, and that all meeting rooms in the building will be closed on Thursday, Friday, and Saturday. He also said that there will be poster presentations in the Union Ballrooms. Students can go to the ballrooms and see presenters’ posters.

Weber State University students were able to view the presentation and attend speeches during the event free of charge.

“It will be a great opportunity for students to see the research other

“Our department has never before attempted a single project involving so many students. The Mobile Elemental Power Plant utilized the skills and abilities of students from all the programs in the Engineering Technology Department, including Mechanical, Manufacturing, Design, and Electronics, for a total of 26 students and 4 advisors.

Initially, the number of students in the project seemed to be a detriment to the progress with so many students wanting to ensure their particular ideas were incorporated into the design. However, the students did learn to compromise and work together. That helped move the project forward. When the budget became a major concern, the students found additional funding sources that allowed them to design and build the system to the required specifications.

In the end, the students performed at a very professional level and successfully completed the project in time for the NCUR presentations at Weber State University and also conducted several tests before and after their final presentations to the Engineering Technology faculty.”

~Kelly Harward



Shayne Chambers and his unmanned aerial vehicle presented at NCUR