



## Helena College Staff Attend Governor's Beyond the Classroom Symposium



Many high-profile business movers and shakers were at the Beyond the Classroom Symposium in Butte September 20th and 21st. Some of the keynote speakers included Mathias Bihler, Managing Director for Otto Bihler Maschinenfabrik GmbH & Co, Germany; Ted Mitchell, Undersecretary of Education; and David Etwiler, CEO of Siemens Foundation. High level policy makers also attended and spoke, including Governor Bullock, Superintendent Juneau, Commissioner Christian, Labor Commissioner Bucy, with Lieutenant Governor Cooney as master of ceremonies.

Discussions focused on the TAACCCT III and IV projects, expanding apprenticeship possibilities in Montana, and the collaborative efforts that will be needed to fill a projected workforce shortage in Montana. The objective was to encourage the governmental, business and the educational sectors to discuss, network and join forces to insure Montana can continue to be a competitive entity well into this century, despite some of the future challenges that lie ahead.

As the RevUp Montana Project was referred to often in discussions, it is hopeful that the RevUp Montana Project can be used as a springboard and model for future efforts around the state.

## Helena College Expands Certification Offerings



Diesel Scanner Diagnostics  
Mechanical and Electronic Torque  
Multimeter  
Precision Measurement



SMAW=A53—2  
SMAW-1  
ANSI/AWS B2.1-1-205.96



FANUC IR Vision 2D Robotics  
Handling Tool Operation and Programming



Commercial Driver's License

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## R2D2 BB-8 200ID



Art Warner with the 200ID

Most of us are familiar with R2D2 and BB-8 from Star Wars fame. Along with these well known robots, Helena College has made its own addition with the FANUC 200ID. While this robot does not wheel about, nor carry amusing conversations with us, it does serve another very useful purpose. This one-armed, yellow apparatus on a mobile cart introduces students to the broad and exciting world of robotics merging with machining. FANUC already has over 3 million robots in production world-wide, and as FANUC is one of the world leaders in automation, this will give Helena College students hands on experience in a discipline that is utilized globally.

For those of you who would like further details and statistics about the robot, please check out the following link: <http://robot.fanucamerica.com/products/robots/Images/FANUC-2015-Robot-brochure.pdf>

## Sidney Finishes Welding; Jumps to CAM

Sidney is an ambitious student from Helena who grew up getting dirt and oil under her fingernails. She enjoyed tearing apart VCRs, engines and generators as a child, so it's only natural for her to pursue the trades as a career. She feels she likes getting "a little dirty" while pursuing her educational dreams. After finishing her AAS in Welding and honing her skills on the plasma table this spring, she decided to continue her education and enrolled in the machining program. She enjoys working mostly with the lathe and finds the math portion of the program the most difficult. Her goal upon finishing the program is to become a gunsmith. The RevUp MT program has been a huge help for Sidney as she has benefited from many of the aspects of the grant.



## Presenting Cody Torres

Cody Torres was raised in a "welding family" and originally from Pearl City Hawaii. He is in his second year as a Helena College Welding Instructor. Beginning his professional career as a Welder nearly 12 years ago, he merely started as a welder's helper under his stepfather's tutelage. Working his way up quickly, he became a welding fitter and soon after a welder/fabricator, gaining industry experience from numerous fabrication shops throughout the great state of Montana. To keep up with the ever changing technological advances, Cody has also worked with Orbital TIG Welders building Pharmaceutical Manufacturing Plants for Glaxo Smith Kline. Going back to his roots, Cody decided to follow in his stepfather's footsteps and become a Qualified Pipeline Welder, traveling across the US through different states such as North Dakota, South Dakota, Colorado, Wyoming, Utah, Nevada, California, New Mexico and Texas.

Cody plans to use his recently acquired American Welding Society Certifications as a Certified Associate Welding Inspector and Certified Welding Educator to help build the welding program here at Helena College to higher levels.



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