



College News Update



College of Education, Health and Human Development

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OUTSTANDING FACULTY LECTURE SERIES CONTINUES



Nick Lux, assistant professor of instructional technology, was the featured speaker at the November Outstanding Faculty Lecture Series. Lux, who was honored as the Department of Education's Outstanding Faculty in Teaching for 2013, shared a number of guiding principles that work for him in the classroom—effective use of technology; authentic learning experiences; active and engaged instruction; and a belief in the care and support of students. He encourages his students to “think and act like a teacher” and to connect technology to pedagogy. Lux also shared information on the innovative class, “EDU 370-Integrating Technology into Education,” that he teaches from a classroom at Hyalite Elementary School in Bozeman.

“The class offers technology rich instruction on site to our students,” said Lux. “Then our students can teach lessons right there in the classes at the school.”

Additionally, Lux also conducts semi-flipped classes, has students create digital stories of a topic, and has them role play and teach lessons.

TRAVEL SCHOLARSHIPS HELP EDUCATION STUDENTS ATTEND NATIONAL CONFERENCE

Undergraduate students don't often have the opportunity to present research papers at national conferences. Recently, two education students had the chance with the help of EHHD's new student travel scholarships. Dean Lynda Ransdell has set aside funding for the scholarships, which allows undergraduates and graduates to receive up to \$500 to help with travel, food, lodging and conference fees.

Abbie Bandstra and Elena Harriman, both seniors in secondary education, English teaching, accompanied graduate teaching assistant Nigel Waterton to the National Council of Teachers of English annual conference in Boston, where over 7000 educators were in attendance.

Bandstra said the conference “was a great opportunity to network and to learn about different initiatives within the scope of English education happening across the country.”

After informing his students about the scholarships, Waterton invited the class to submit research proposals for consideration to attend and present at the conference. Each student presented separate topics-- Bandstra's presentation was entitled, “Teacher Voices in Indian Education for All and Culturally Sustaining Pedagogy,” and Harriman's was “Overwriting Stereotypes.”

“We wouldn't have been able to go without the travel scholarship,” said Harriman, who also attended other presentations during the two day conference.

Harriman said she learned a lot about the research being done in the area of English and saw how the application of different projects can work in the classroom. Bandstra added that the experience would contribute to her future as a teacher.

Even though it was very cold in Boston, Bandstra and Harriman also took time to do some sightseeing. They walked the Freedom Trail, a popular path with many of Boston's famous historical sites, and ate at a popular Italian restaurant.



Abbie Bandstra & Elena Harriman on a Boston train

WINDCHIEF SHARES LEADERSHIP AND RESEARCH EXPERIENCES



Windchief presents a gift of braided sweet grass to Yvonne Rudman from the Office of International Programs

As part of the Office of International Programs' International Education Week and the Year of Engaged Leadership, Sweeney Windchief, assistant professor in adult and higher education, presented a noon time lecture called, "Indigenous Values Based Leadership: Americans for Indian Opportunity and the Advancement of Maori Opportunity." Windchief's presentation was centered in his current research and subsequent impact study for the Americans for Indian Opportunity (AIO) organization. Part of this study included research in Aotearoa (New Zealand) with the Maori. Windchief was in the 2006/2007 AIO Ambassador class, which he credits for the opportunity to focus on global leadership and cultural protocol.

"Cultural protocol recognizes the original peoples of the land that you are on, as well as the leadership in that community," said Windchief. "And when you visit, don't show up empty handed."

Windchief said he takes gifts that reflect where he is from, which included two star quilts, Pendleton blankets, some bead work, and T-shirts from the MSU Pow Wow basketball tournament.

According to Windchief, the ambassador program has several ambitions, including fostering community development, empowering youth, reestablishing the traditional environment, languages and ways of knowing, as well as developing pragmatic problem solving skills. He said the focus is on "we not I."

The ambassadors' program creates unique opportunities to experience Indigenous cultures on the community, national and global level, and encourages young Indigenous leaders to bring those experiences back to their home communities and use the experiences to inform their leadership.

"I went with a very simple plan: do good research, implement indigenous methodologies in research, and don't be a burden to anyone," said Windchief. "I came home with new relatives and a commitment to return in October of 2014 to witness a student present as part of her Master's in Applied Indigenous Knowledge."

He also caught his first eel.

EDUCATION STUDENTS VOLUNTEER FOR CHILDREN'S FESTIVAL AT PUBLIC LIBRARY

Education students in Associate Professor Joyce Herbeck's children's literature class recently volunteered at the sixth annual Children's Festival of the Book held at the Bozeman Public Library. Students helped staff the information table, sell books of featured authors and illustrators, and aided children at the craft table and the science workshop. This year, illustrator Henry Cole and Maile Meloy, a young adult author originally from Helena, Mont., shared their experiences in creating children's books. In addition, MSU education alumnus Ryan Hannahoe, who now teaches science at Monforton School, led children in a science experiment.

Education students handed out information, helped with pig crafts, and sold books.



MSU HOSTS SCIENCE OLYMPIAD FOR 29TH YEAR

The 29th Montana Science Olympiad was held at MSU in mid-November with 94 middle school and high school teams from across Montana. Besides competing in 28 traditional science events like disease detectives, rotor egg drop, and simple machines, students also participated in a number of "talks and tours" ranging from honey bees to NASA's new solar mission. Over 1400 students attended the day-long event, along with their coaches and many cheering parents.

Local DJ Missy O'Malley announced winners of individual events, as well as the winning teams. In Division C (high school), Helena High School took home the top team honor and in Division B (middle school), Corvallis Middle School took first. New this year, thanks to donations from members of the Bozeman community in partnership with the Montana Science Olympiad, winning teams received \$1,500 each to help with the expenses required to journey to the National Science Olympiad in Orlando, Fla., in the spring of 2014. In addition, second place teams received a gift from the Montana Space Grant Consortium (MSGC) to attend the 2014 MSGC Student Research Symposium to be held on April 7, 2014, at MSU in Bozeman.



Staff and volunteers for Science Olympiad left to right: Front row: Natalia Walden, Natasha Mallette
Back row: Betsy Heckel, Irene Grimberg, Annie Mollock



Above: Education Professor Michael Brody and secondary education science students volunteered time to help at the Olympiad.

The event was organized by the Science Math Resource Center, housed in the Department of Education. Many thanks go to State Director Irene Grimberg; State Coordinator Kiley Eversole; Data/Research Analyst Sarah Hendrikx; and administrative support from Jesse Hunter, Annie Mollock, and Natalia Walden for their tireless efforts to continue the Science Olympiad tradition at MSU.



In early December, Dean Lynda Ransdell hosted an end of semester college meeting to update all faculty and staff on the accomplishments from the fall semester. Also providing updates were Lynn Paul, professor, Extension nutrition specialist, who reported on progress for the college's strategic plan, and department heads, Jayne Downey and Sandy Bailey.



A COLLABORATIVE APPROACH TO PROBLEM SOLVING

When technology education senior Cameron Richards was searching for a class to fulfill his research core, he decided to enroll in a fall semester engineering class, which incorporated a multi-disciplinary approach to solving problems. Teamed with four engineering students, Richards was the lone technology education student in his group. Each group had to define a problem and work together to improve it. Since all four students rode something—bikes, snowmobiles, dirt bikes—they decided to construct a handlebar that could fit anything and reduce arm fatigue. The group designed a fully adjustable and collapsible handlebar, and then went one step further. Richards could turn the design into an actual model with the Department of Education's 3 D printer, housed in Reid Hall. He spent 56 hours printing all the numerous components of the handlebar and then assembled it.

The photo to the right shows Richards in front of the 3 D printer with the finished product.



Left: MSU Chef Martin Lewis sets out a dish of lamb. Below: Selena Ahmed has attendees sample a variety of teas.



SUSTAINABLE FOODS HOLIDAY RECEPTION

The faculty in the sustainable food systems program in the Department of Health and Human Development hosted a “Jingle and Mingle” holiday reception in the foods lab of Herrick Hall in December. Sustainable food Assistant Professor Selena Ahmed shared some of her favorite teas at the reception, which also featured appetizers and desserts prepared with local foods by Assistant Professor Carmen Byker and the executive chef of MSU dining halls, Martin Lewis.

Over 40 people attended the fall commencement reception in Herrick Hall on December 13 to honor graduates and their families in the College of EHHD. Faculty and staff were on hand to congratulate and celebrate with students as they end their academic careers at MSU. Congratulations to all graduates and undergraduates.



Above: Education advisor Jen Clark, center, with graduates Jamie Ries and Adrienne Petch. Left: FCS Professor Sandy Osborne with EHHD graduate and family



FALL GRADUATION RECEPTION