Southern Utah Museum of Art
opens new doors of learning
Effective learning seldom occurs in a vacuum—on the contrary, the best ideas emerge in conversation, when they are challenged, added upon, and refined in the company of others. This issue of Summit underscores the role of communities in learning, particularly in engaged learning.

While much of the extraordinary work by individual faculty can be viewed in the longer online issue of Summit (www.suu.edu/academics/provost/newsletters.html), this print issue describes the varied forms of community outreach in the new Southern Utah Museum of Art (SUMA), new directions for the Center of Excellence for Teaching and Learning (CETL), and the new culinary arts program at Southwest Applied Technology College (SWATC) that grew out of productive exchanges between SUU faculty and SWATC.

Each of these programs draws energy and vision by engaging with the broader community, and SUU is the richer for it.

Regards,

Brad Cook
SUU Provost
Accounting

Publications and Presentations


Economics & Finance

Publications and Presentations

Dr. Joe Baker and Dr. Kim Craft, with Michael G. Finn, published “The Value of Tenure in Higher Education,” in The Journal of Business Inquiry, 15.2 (2016): 100-115. Their findings indicate that tenure has an important impact on job satisfaction in academia, depending to some extent on the type of academic institution at which one is employed. The authors estimate its monetary value by determining the additional income needed to keep job satisfaction constant if the benefit of tenure were taken away. Because income has a relatively modest effect on job satisfaction, the increase needed to offset the loss of tenure is quite large. Thus, it would be difficult to compensate for the decrease in job satisfaction if tenure were unilaterally abolished by an institution or educational system.

Dr. Joshua Price and Gentry Julian published “Keep to the Status Quo: Analyzing Behavioral Responses to the Change of Ball in the NBA” in the International Journal of Sports Finance, fall 2016. The authors analyze if basketball player performance changed when the NBA switched from the synthetic ball back to the leather ball. They find no evidence to suggest that player performance was significantly affected by the type of ball used. They rely on insights from behavioral economics to describe why the players were opposed to this policy change when it had no measurable impact on performance.

Dr. Joshua Price and Richard Patterson (US Military Academy) presented “Status, Effort and the Allocation of Resources: How All-Star Status Impacts NBA Player Productivity” to the UNLV Economics Department, fall 2016.

Dr. Joshua Price, along with undergraduate research assistants (Jonathan Frehner, Madeline Craft, Keyan Norman, Justin Douglas, Zach Hansen, Mellica Bradshaw, Gavin Haws), contacted over 9,000 high school seniors to present them with information on the true costs of college. Initial results indicate that presenting the costs of college next to the potential amount of Pell Grant awards increases applications by 2 percentage points.

**Projects**

Dr. Joshua Price created a new Student Group, with Dr. Bruce Haslem, called the SUU Scholar Investment Group, which provides students with the confidence, career vision, analytical tools and curriculum to best prepare them for a career in investment management. To do so, a customized curriculum will be designed to give students a practical and robust learning experience. Students will gain valuable tutelage through mentoring with affiliated professionals in the investment field.

Currently there are 10 students and 8 affiliated professionals as part of this group: people.suu.edu/investment

Dr. Joshua Price and undergraduate research assistants (Keyan Norman, Jayce Davis, Justin Douglas, Micah Yates, Scott Chapman, Chance Bearnson, Tyler Park) conducted a study that increased math fluency and achievement on standardized math scores in elementary schools.

**Awards and Leadership**

Dr. Joshua Price was named Outstanding Educator of the Year at SUU for the 2015-2016 academic year.

**Management, Marketing and Hospitality**

**Publications and Presentations**

Dr. Gerald E. Calvasina, along with Richard Calvasina and E. Calvasina, has a paper forthcoming in the *Journal of Legal, Ethical, and Regulatory Issues,* “Responding to Occupational Safety and Health Administration (OSHA) Whistleblower Investigations: Policy and Practice Issues for Employers.” A version of this paper was also presented at the SUU Festival of Excellence, April 5, 2016.

Projects

Dr. Janice Scarinci and Gary Myers led a study abroad program in Australia in May of 2016. The faculty took 10 students to Sydney, Townsville, Magnetic Island, Cairns and Kuranda. They went to the Opera house, Toronga Zoo, and on a Sydney Harbour sunset dinner cruise in Sydney. They went to the Billabong Sanctuary, James Cook University and the Great Barrier Reef Marine Park Authority in Townsville. They dove the Great Barrier Reef in Cairns and went into the world heritage rain forest and learned about the Aboriginal Culture in Kuranda. The students earned 6 university credits, 3 in Tourism.

Dr. Janice Scarinci participated in the SUU Dancing with the Stars with the SUU Ballroom Dance Company, in May 2016. This required weekly dance lessons for several months, costume design, and learning multiple dance routines including Jive and Mambo.

above and right: Fellow contestants with Dr. Joshua Price (Economics & Finance) and Dr. Janice Scarinci (HRHM) in SUU’s production of “Dancing with the Stars”


Dr. Mark DeBeliso, with Angela Calicchio, and Dr. Abigail Larson published “Is There a Relationship between Core Muscular Strength and Chronic Ankle Instability?” in Journal of Physical Education Research 3.2 (2016): 48-58.


Dr. Mark DeBeliso and M. Dolan presented “Effects of Acute Post-Activation Potentiation on the Olympic Shot Put Throw and Standing Long Jump” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S3731.

Dr. Jacob Manning, Dr. Julie Taylor, and Dr. Mark DeBeliso and colleagues from UNLV presented “Differences in Participant Motivation Based on Category of Body Mass Index and Gender” at the Singapore Conference on Applied Psychology, Singapore, June 2016. Conference Proceedings: 56. (BEST PAPER AWARD).

Dr. Jacob Manning, Dr. Julie Taylor, and Dr. Mark DeBeliso and colleagues from UNLV presented “Effects of Acute Post-Activation Potentiation on the Olympic Shot Put Throw and Standing Long Jump” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S3731.

Dr. Jacob Manning, Dr. Julie Taylor, and Dr. Mark DeBeliso and colleagues from UNLV presented “Moderate Altitude Acclimation has No Effect on Respiratory Exchange Ratio, or Percentage of CHO and Fat Utilization During a 1-Mile Trail Run” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S3687.

Dr. Jacob Manning, Dr. Julie Taylor, and Dr. Mark DeBeliso and colleagues from UNLV presented “Validation of Hexoskin Biometric Shirt to Cosmed K4b2 Metabolic Unit in Adults During Trail Running” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S1662.

Dr. Jacob Manning, Dr. Julie Taylor, and Dr. Mark DeBeliso and colleagues from UNLV presented “Post Exercise Hypotension Response in Non-hypertensive Adults Following a Self-Paced Trail Run” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S1369.

Dr. Jacob Manning, Dr. Julie Taylor, and Dr. Mark DeBeliso and colleagues from UNLV presented “The Physical Profile of Elite Boardercross Snowboarders” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S3008.


E. Smith, Dr. Abigail Larson, and Dr. Mark DeBeliso presented “The Physical Profile of Elite Boardercross Snowboarders” at the American College of Sports Medicine 63rd Annual Meeting, 7th World Congress on Exercise is Medicine and World Congress on the Basic Science of Exercise Fatigue. Boston, MA. Abstract published: Medicine & Science in Sports & Exercise, 48(55), S3008.

Dr. Julie E. Taylor, Dr. Jacob Manning, and Dr. Camille Thomas presented “Impact of Wheel Size (26 vs 29 inch) on Energy Expenditure during Mountain Bike Trail Riding” at the 2016 Annual Meeting, World Congress on Exercise is Medicine, American College of Sports Medicine, Boston, MA, May 31-June 4, 2016. Exercise Science and Outdoor Recreation faculty collaborated on this research project. Energy expenditure during standardized mountain bike rides was measured with a portable analyzer system. A mountain bike with 29 inch wheels...
was compared to a well matched bike with smaller 26 inch wheels. Results indicate that at similar work rates, riders rode faster resulting in an average of 9.4% lower energy expenditure on the 29er mountain bike with most of the benefit being realized during uphill segments of the ride. Mountain bikers debating between a 26er and 29er, or trying to choose a bike appropriate for the conditions they most commonly encounter may benefit from these results. The abstract was published in Medicine & Science in Sports & Exercise, 48(5S), 707-8.

Awards

Dr. Mark DeBeliso was awarded “Best Paper” at the Singapore Conference on Applied Psychology, June 2016, for “Differences in participation motivation based on category of body mass index and gender.”

Teacher Education & Family Development

Publications and Presentations

Dr. Shawn Christiansen (dean) and Dr. Matt Schmidt (Agriculture and Nutrition) published “Lessons Learned Eating Japanese School Lunch: Simple Principles for Decreasing Childhood Obesity in America” in the National Council on Family Relations Report: Families and Obesity, Summer 2016. Japan has consistently ranked as one of the countries with the highest average life expectancy. Japan also has very low obesity rates (less than 5%). Compared to other industrial countries, Japan is among one of the lowest for incidence of cardiovascular disease. One factor that is credited for these findings is the healthy Japanese diet. This article summarizes principles found in the Japanese school lunch program and how they can be applied in the United States.

Dr. Shawn Christiansen (dean) and Dr. Matt Schmidt (Agriculture and Nutrition) published “‘Shokuiku’ & School Lunch” in Health: Southwest Utah Public Health Foundation, Spring/Summer 2016. The article discusses how Japanese elementary schools help children acquire knowledge about food and nutrition through freshly prepared lunches, by providing a greater variety of vegetables as compared to lunches served in the United States, and by integrating nutrition and food education into the curriculum.

Projects

Dr. Shawn Christiansen (dean) and Dr. Matt Schmidt (Agriculture and Nutrition) led a study abroad focusing on Nutrition and Family life in Japan, during Maymester 2016. The professors accompanied students to Japan to study Japanese nutrition, culture, and family life. Students visited shrines, temples, gardens, universities, and elementary schools. Students also visited Japanese family homes for lunch and dinner, experienced a taiko drumming class, a karate class, and a cooking class. Students gained a greater appreciation for Japanese culture, nutrition, and family life.

Awards

Professor Peggy Wittwer received the “Influencer of the Year” award from Southern Utah University.
Communication

Awards

Dr. Jon Smith (writer/producer/director) and Lee Byers (editor) won multiple awards for their 19-minute docudrama, “Back Up the Mountain,” including:
Silver Telly (full film), 2016
Bronze Telly (Directing—Jon Smith, Editing—Lee Byers), 2016
LDS Film Festival special screening, 2016
Utah Film Awards (nominated for editing), 2016
AVA Digital Awards—3 Platinum Awards (Directing, Editing, Education Institution), 2016

English

Publications and Presentations

Dr. Bryce Christensen presented a paper “Keats in the Laboratory: Aesthetics and Veridicality in Poetry about Science” at the Annual Convention of the Rocky Mountain Modern Language Association in Salt Lake City, on October 7, 2016.

Dr. Bryce Christensen presented “T’ang China’s Holy Fool: Han Shan” at the National Popular and American Culture Associations in Seattle, WA, on April 5, 2016.

Dr. Danielle Dubrasky performed at a Sugar House Review/Saltfront Invitational Reading at the Associated Writing Programs Conference, March 31, 2016, Los Angeles, CA. She was invited to read her poetry with others published in these journals at the largest national conference for poets and writers.

Dr. Rosalyn Eves, Dr. Kelly Ferguson, Tasha Seegmiller (EDGE), and Dr. Elaine Vickers (Physical Sciences) presented “The Path to Publishing” to SUU students, faculty, and community members at the SUU Starlight room, March 23, 2016.
Foreign Language & Philosophy

Publications and Presentations


History, Sociology, Anthropology

Publications and Presentations

Dr. Matthew Eddy, with Michael Dreiling (co-director and producer), and Teal Grayhavens (cinematographer and editor), wrote, directed, and produced “A Bold Peace,” a 90-minute documentary film about Costa Rica’s experiment in living without a military for over 65 years. The film screened at the following film festivals:
- I Will Tell International Film Festival, London (UK), September 2016—awarded grand prize for best picture.
- DocUtah International Documentary Film Festival, St. George, UT, September 2016.
- Global Peace Film Festival, Orlando, FL, September 2016.
- Utopia Film Festival, Greenbelt, MD, October 2016.
- Pembroke Taparelli Arts and Film Festival, Raleigh Studios, Hollywood, CA, November 2016.

Dr. Liz Olson presented “Incorporating Medicinal Plant Knowledge into Green Workshops in Autlán, Jalisco, Mexico” at the Society of Ethnobiology Annual Conference, Tucson, AZ, in March 2016. This paper is based on her original research regarding globalization and medicinal plant knowledge.

Project

Dr. Liz Olson participated in a community project, creating a Native Plants Garden as part of the Native Heritage exhibit at the Frontier Homestead State Park, Cedar City, UT, in May 2016. A special topics anthropology class gave students the opportunity to research, design, and install a native plants landscape and garden as part of the Native Heritage exhibit at the state park. Students helped research what plants were native to the area and how they were used by Native Americans in the region, particularly food and medicinal plant uses.

Caption: Anthropology students working on the native garden for the Frontier Homestead State Park.
Awards


Political Science & Criminal Justice

Publications and Presentations

Dr. Angela Pool-Funai has been invited to be a quarterly columnist for PA Times, published by the lead professional organization in her field, the American Society for Public Administration. Her column will explore best practices in experiential learning, as well as sharing success stories of Public Administration students’ experiential learning activities. PA Times reaches thousands of practitioners and academics across the U.S. and internationally. Her column is scheduled to publish the third Friday of February, May, August, and November.

Dr. G. Michael Stathis published “Thucydide’s Inquiry, a Handbook for Modern Statecraft? Pronoia and Prognosis (Foresight and Action) in International Relations” as part of a festschrift honoring Professor W. Lindsay Adams, by the University of Utah.

Dr. G. Michael Stathis continues to be a guest commentator on SITREP, a program on global affairs with British Forces Radio.

Psychology

Publications and Presentations

Dr. Garrett Strosser, with Peter K. Jonason, Robert Lawson, Ashley N. Reid and Alex W. Vittum-Jones published “When Private Reporting is More Positive than Public Reporting: Pluralistic Ignorance towards Atheists in Social Psychology (2016). Across as series of three studies, they found evidence that the reported likelihood of engaging in positive behaviors with atheists (e.g. having an atheist babysit one's child) was higher when an individual was asked about these behaviors in a more private than public reporting condition. This tendency seems to be linked to a social norm that discourages positive attitude expression towards atheists when in reality individuals are privately more accepting of atheists, creating a situation of pluralistic ignorance.

Dr. Garrett Strosser, Jamie S. Hughes, and Jodi L. Creech published “Relationship Closeness Affects Moral Judgments” in Basic and Applied Social Psychology (2016). Across six studies, they evaluated the impact of relationship closeness on how third-party observers make moral attributions towards another individual’s behavior. Observers of these morally-relevant behaviors tended to make stronger moral attributions (i.e., assigning more moral significance to the behavior) when one interacted with an intimate rather than a less intimate other. In addition, observers tended to believe that one’s true moral character is revealed when interacting with close others.
**Dr. Lynn White** supervised (and contributed research to) several student presentations for the Rocky Mountain Psychological Association Conference Presentations, Denver CO, April 2016:

Aferdit Sadrija and Lynn H. White, “Glycemic Dependent Cephalic Phase Blood Glucose Responses to the Sight versus Smell of Food”

Lynn H. White, Alexis B. Nelson, Tasha Lewis, & Tony Erickson, “My Brain is Emotional: Hemispheric Dominance and Mood State as Modulators of Autonomic Responses to Emotional Stimuli”


Alexis B. Nelson & Lynn H. White, “Autonomic Responses to a Noxious Stimulus: The Effects of Instrumental Control, Locus of Control, Pain Coping Strategies and Self-efficacy”

Lynn H. White, Katie Fairchild, Jacob Davis, & Andrea Empey, Autonomic Nervous System Arousal in Extraverts and Introverts in Response to a Social Stressor: Did Eysenck Get It Right?”

Lynn H. White & Burgess A. Milner, “Bilateral Alternating Sound Stimulation as a Means to De-escalate Negative Affect, Aggression, and Autonomic Arousal Following Violent Video Game Play”
CPVA Highlights

The grand opening of the Southern Utah Museum of Art (SUMA) was July 7, 8, and 9, 2016. Under the direction of Reece Summers, Director/ Curator, and Rachel Bishop, Arts Administration Chair, graduate and undergraduate students will assist in running this new museum through project based classes.

Art & Design

Publications and Presentations

Dr. Andrew Marvick’s paper, “Absence and Anonymity,” was published in Identity and Anonymity: An Artful Anthology, from Mizzenphot Press, in 2016. Another paper, “Un trou dans la filière,” was accepted for publication in 2017 as part of a new anthology, Le symbolisme et l’angoisse, from Cambridge Scholars. A third paper, about the late work of Nicolas de Staël, was accepted for the 2016 meeting of the Mediterranean Studies Association in Palermo, Italy. And he was invited to lead a session for ALMSD at the 2017 CAA conference in New York.

Professor Deborah K. Snider published three mixed-media artworks for publication in Kolob Canyon Review, Spring 2016. Professor Deborah K. Snider published her “Color Wheel: Stereotypes” art quilt in Identity and Anonymity: An Artful Anthology, by Kurt Seligmann Center for the Arts, Sugar Loaf, New York. Summer 2016. This quilt was also exhibited at the Kurt Seligman Center for the Arts, as part of the exhibit Identity and Anonymity.
Community Projects

**Professor Deborah K. Snider, Dr. Brad Cook** (Provost), **Dr. Grant Corser** (former CETL director), **Dr. Johnny MacLean** (former CETL Associate Director), and **Toni Sage** (faculty/students support) hosted the third annual “Recognition of Tenure” dinner and celebration in the Gilbert Great Hall, Southern Utah University, April 2016. This annual event formalizes the important milestone for faculty and is unique in the country.

**Professor Deborah Snider, Dr. Jaqueline Grant** (biology), **Ryan Paul, Reece Summers**, Kari Heaps, Nikki Lewis, Gina Dodge, Mallory Petersen, Lizzy Constantino, the StateWide Art Partnership, Springville Museum of Art, and Leslie Gleaves collaborated on an “Evening for Educators—Museum-in-a-Box” at the Southern Utah Museum of Art, October 4, 2016. This project is an annual presentation for teacher licensure renewal credit, SUU students, and community members. This year, the theme centered on the National Park service and the idea of “preservation.”

Exhibitions

**Professor Eric Brown** was juried into three national exhibitions and won awards at all three. He was also included in a statewide invitational at the Springville Museum of Art that opened October 19, 2016.


*Animals in Art: Our Partners on the Planet* for a painting entitled Blue Heron in Yellow Grass.

Honorable Mention at *Animals in Art: Our Partners on the Planet* for a painting entitled Blue Heron in Yellow Grass.
First Place Award at the Haggin 2016 National Exhibit in the category of Pastel for a work entitled: Marina Van Vliet.


Professor Samuel Davis mounted an exhibition at The Lawton Gallery of Fine Art on the campus of University of Wisconsin, Green Bay entitled “Lagerstätte” September through October.

Professor Samuel Davis participated along with 15 other photographers in the “Nevada Means Home” exhibition at the US Senate Russell Rotunda in September. He also participated in the “Marfa Open” photo festival in October in Marfa Texas.

Professor Susan D. Harris participated in the following juried and curated exhibits:

“Honors and Fellows Exhibition” National Council on Education for the Ceramic Arts, juried group invitational at the Leedy-Voulkos Gallery, Kansas City, MO, March 2016. This exhibition was important because it was viewed by over 5000 NCECA members, including international members, Artists, Collectors, Educators and students.

“Vision and Persistence: 30 Years of Ceramic Excellence at Utah State University”, at the 2016 NCECA Conference in Kansas City, MO. This was a curated exhibition of ceramic art of Utah state University faculty and Alums, also seen by thousands of participants to the annual NCECA Conference in March of 2016. This exhibit also travelled to the Nora Eccles Harrison Museum of Art in Logan, UT.

“Reliquaries for the Ancient Future,” one person invitational show at Artworks Gallery in Cedar City, UT, opening December 2016.

Professor Susan D. Harris curated the Andy Nasisse “Badlands” exhibition at SUMA in Cedar City, UT. This show is important because it fulfills the mission of the museum, it is the first one-person show of sculptural and photographic art at the museum and the subject matter is derived from the landscape of this region. This show is also important to our students, who can see that artists are not limited to work in one media. This show is really conversant two shows in one.

Professor Rheana Gardner exhibited work in the prestigious Greater Taipei Biennial of Contemporary Art exhibition in November 2016, Taipei, Taiwan. The Greater Taipei Arts Festival, organized by National Taiwan University of Arts (NTUA) and implemented by the College of Fine Arts and You-Zhang Art Museum, is a large-scale International event that initiates and connects the art and cultural organizations in the Greater Taipei. Internationally renowned philosopher and sinologist Professor Francois Jullien invited 25 artists from different countries to participate in this event under the theme, “De-coincidence - Where do art and existence come from?” With Professor Jullien’s expertise and insightful perspectives, the Biennial will serve as a platform to foster a substantial dialogue between the Eastern and Western art and culture and promote international artistic exchanges.
Dr. Andrew Marvick was invited to exhibit a series of three new paintings entitled *The Peripheral Character* in a summer 2016 exhibition at the Kurt Seligmann Center for Art in Sugar Loaf, New York. Another new painting, *The Life and Death of Color*, was included in SUMA’s First Peek exhibition in August 2016. He collaborated with regional poet Nano Taggart on an integrated-arts project for 15 Bytes. And his work will now be represented by Linda Kiley at Art Works Gallery.

Professor Deborah Snider, Reece Summers (Braithwaite Gallery), and Sally McDonald (SUU Special Collections Analyst and Archivist) put together an exhibition, “Everything in Between: Pathfinders-New Territories” for the Southern Utah Museum of Art (SUMA), for June-August 2017. They have assembled a regional team of sixteen art quilters from Colorado, Nevada, and Utah to serve as an advisory board for the planned biennial exhibition at SUMA.

**Awards**

Professor Eric Brown won honorable mention for *Lucy* and *Blue Heron in Yellow Grass*, and a 1st place award at the Haggin 2016 National Exhibit for *Marina Van Vliet*.

**Music**

**Publications, Presentations, and Performances**

Dr. Steve Meredith, Director of Choral Activities at SUU took members of Opus, the elite chamber vocal group from SUU, to perform with Josh Groban and Sarah McLachlan as part of their national On Stage tour. The SUU students met the tour for performances in Denver and Salt Lake City. The singers were joined by SUU trumpeter Austin Clark, who was a featured soloist on the song *Old Devil Moon*, part of the Broadway-themed concert that features repertoire from Mr. Groban’s 2015 album, *Stages*. For Dr. Meredith, this is the second Josh Groban national tour he has been involved with. He was a vocal contractor for Mr. Groban’s 2013 national tour, with performances in Salt Lake City and Las Vegas. “It is a tremendous opportunity to introduce emerging professional singers to the ‘behind-the-scenes’ world of concert performances,” said Meredith, who joined the SUU music faculty in 2015. “SUU has a national reputation for experiential learning, and I am a big believer in giving students the opportunity to apply the skills that they have learned in the classroom and studio. This is as close to the ‘real world’ as they can get while still in school.” The Denver show was on Friday, August 19th at the Pepsi Center, and the Salt Lake City show was at the USANA Amphitheater on Saturday, August 20th. Both venues were sold out for the performances.
Dr. Christian Bohnenstengel performed with Dr. Jessica Lindsey (University of North Carolina at Charlotte) in a recital “Set No Limits—Music of Women Composers” in Charlotte, NC, on April 21, 2016. The recital featured works for clarinet and piano by women composers. Two of the composers, Marga Richter and Sheila Silver were present. They gave a performance interview on WDAV Classical Public Radio the day before and hosted a panel discussion on the role of women composers at UNC Charlotte. The works they performed have not been recorded and will be included on an upcoming CD that will be published by Albany Records. Women Composers have created a substantial body of work that is underrepresented in concert programs. “…in not performing music composed by women we have missed out entirely on what half our population has to say to us through music.” – Libby Larsen.

Dr. Krystal McCoy presented “Singing Keeps Me Alive: Perceptions of Older Adult Choral Singers in Summer Camp” at the Music and Lifelong Learning Symposium, Ithaca College, Ithaca, NY, October 14, 2016. Dr. McCoy investigated older adult singers’ perceptions of choral singing during their participation in a sleepaway summer camp. Research questions that query significance of singing among the singers and the importance of context and social attachment guided the research. Results indicated that the summer camp provided a context for growth and reminiscing. The most significant perceptions of older adult singers in the camp were a sense of connectedness, learning new things, and reflection. This will influence policy and programs in the older adult community.

Dr. Krystal McCoy presented “Let It Flow: Conquering ‘Complex’ Rhythms in Popular Styles of Choral Music Using Continuous Flow in Space” at the 2016 ACDA Utah State Conference, Salt Lake City, October 22, 2016. Dr. McCoy demonstrated and applied the use of Continuous Flow in space in the choral rehearsal for warm up and repertoire preparation. Focusing on unusual meters and the popular/jazz idiom, attendees will worked together to foster a positive relationship with “challenging” rhythms in the choral context and learned how to teach these styles without fear of notation.

Dr. Lynn Vartan was the featured guest artist for the Southwest Symphony in St George, Utah, performing Keith Bradshaw’s Canyons Concerto for solo percussion and orchestra as part of the celebration of the 100 year anniversary of the National parks, February 2016.

Dr. Lynn Vartan was in residence at Plymouth State University performing Emmanuel Sejourne’s Concert for Marimba No. 1 as was as presenting masterclasses and workshops for music students, March 2016.

Dr. Lynn Vartan released signature mallets, manufactured by Marimba One. Dr. Vartan designed four different kinds of marimba mallets that are now for sale worldwide with her name and signature.
Dr. Lynn Vartan hosted the Heartland Marimba Festival at SUU, bringing together students and faculty from all over the US for classes, workshops and performances, June 2016. A CD of this event will be released in the Fall of 2016.

Dr. Lynn Vartan premiered her new music group called Project V for the opening event for the SUMA Gallery by playing a concert as part of the opening festivities, June 2016.

Theatre Arts and Dance

Publications and Presentations

Professor Megan Brunsvold Mercedes and Dr. Kristopher Phillips (Languages and Philosophy), with Kira Knapp, participated in a panel presentation, “Teaching Dance and Philosophy to Non-Majors: The Integration of Movement Practices and Thought Experiments to Articulate Big Ideas” at Engagement: Symposium of Philosophy and Dance, San Marcos, TX, September 2016. This panel shared the key learning outcomes, for both the students and teachers, as a result of an interdisciplinary Honors course. Our consensus is that the integration of philosophical and physical inquiry, coupled with critical analysis of texts and various art forms, created the opportunity for more thorough investigation of these big ideas, from all aspects of the self, (intellectual, physical, emotional, psychological, etc.), and demystified the practicum of both philosophy and dance for non-majors.

Professor Peter Sham published two musicals in 2016: his first Lend Me a Tenor: The Musical and It’s a Dog’s Life: Man’s Best Musical. All proceeds of Dog’s Life go to St. Jude’s Hospital for Cancer Research. Lend Me a Tenor will be produced in 18 theaters nationwide in 2017 and internationally, will have two more first-class productions in Germany, and will also premiere in Australia in 2017.

Projects and Performances

Professor Denise Purvis partnered with Gabrielle Strand (AmeriCorps) to mentor three dance education majors as they complete AmeriCorps teaching projects in Iron County schools. Mekinzye Parks is designing and implementing a dance program for Gateway Preparatory Academy. Erin Hulse is teaching dance alongside SUU alum Jennie Grimes at Canyon View High School. Kirsten Harper is working with Cassie Walker at Three Peaks Elementary, teaching theater and dance classes and co-directing the spring after-school musical theater program. These students are gaining practical experience while expanding arts education at Iron County schools.

Professor Richard Bugg, along with Clarence Gilyard (Professor of Theatre at UNLV, celebrity actor), Sheree Wilson, Charlene Tilton, Douglas Hill, and Rebekah Bugg performed in a touring production of Alfre Uhry’s Driving Miss Daisy. The production, starring Clarence Gilyard, Sheree Wilson, and Richard Bugg, performed at the following dates and locations:

Popejoy Hall, Albuquerque, New Mexico - January 2016
First Flight High School (Part of the Bryan Cultural Series), Kill Devil Hills, North Carolina - February 2016
Newberry Opera House, Newberry, South Carolina - February 2016
Leadership

Professor Peter Sham was named artistic director for the Neil Simon Festival beginning Fall 2016 and has designed and is currently planning the 15th anniversary season in 2017. The season will include his new world premiere musical: *Blue Collar Musical*. The music and lyrics are by Professor Sham; transcribed and arranged by Brandon Scott Grayson; orchestrations by Dr. Keith Bradshaw (music department chair). When an audience unexpectedly shows up at the theatre on an unscheduled performance time, an unlikely group of working class folk must trade in their hard hats for top hats and put on a show!

Professor Melinda Vaughn, as co-founder and executive director, hosted the Statera Foundation National Conference in Denver, CO, in October 2016. The organization works toward gender parity in the theatre, and this second annual conference was held in partnership with the Denver Center for performing arts. Among the over 50 speakers and workshop leaders presenting on gender balance in the theatre were Executive Director of Actor’s Equity Association, Mary McColl offering a Touchstone Address; American social justice activist, Chris Crass leading special training sessions; and American Conservatory Theater Artistic Director, Carey Perloff and Wellesley Centers for Women Senior Scholar and Research Scientist, Sumru Erkut sharing results of their recent study on women in leadership in the theatre.
Arts Administration Graduate Programs

Publications and Presentations

**Professor Bill Byrnes** was a guest lecturer on “Arts Organizations and the Strategy of Diversification” at the Catholic University of the Sacred Heart in Milan, Italy, Arts Management Program, April 2016. While there, he reviewed the progress on the Italian translation of his book *Management and the Arts, 5e*.

**Professor Bill Byrnes** presented the keynote speech, “The Arts, Risk, and Vision: Meeting the Challenges of Creating a Future We Would All Like to Live In,” at *Beyond the Big Nine—Rethinking the Future of Small and Medium Performing Arts Organizations in Hong Kong*, May 2016. The two-day conference addressed issues concerning the structure of the arts community and funding for the arts in Hong Kong. The *Beyond the Big Nine* conference included speakers from Hong Kong, China, and Taiwan.

**Professor Bill Byrnes** was a guest lecturer on “Innovative Practices in the Arts” at the LaSalle College of the Arts, Singapore, May 2016. This presentation was for students in the MA Arts and Culture Management program.

**Professor Bill Byrnes** created and presented a full-day fundraising workshop for the National Arts Council of Singapore, May 2016. Twenty different arts and culture organizations were taken through the process of developing a strategic fundraising plan. In July and August he held twenty follow up coaching sessions via Skype to assist each organization with developing and refining their plans. Professor Byrne’s presentation was titled, “Fundraising for Impact: What’s the Plan?”

**Professor Bill Byrnes** was a guest lecturer and presenter on “Innovation Practices in the Performing Arts” and “Leading and Planning in the Arts” at the Central Academy of Drama, Beijing, China, July 2016. Professor Byrnes was an invited lecturer and presenter for the 2016 China National Arts Fund Elite Training Program hosted by the Beijing Drama Academy. The program included over 50 theatre and arts managers from around China engaged in a month long training program in multiple areas of culture management.
Agriculture and Nutrition

Projects

Dr. Randall Violett, with Dr. Karen Mock, Dr. Simon Landhausser, and Dr. Owen Burney worked together on Aspen (Populus tremuloides) restoration utilizing nursery-propagated seedlings on Cedar Mountain (October 2016-2019). Quaking aspen (Populus tremuloides) is a foundation species in the western US, where it supports high levels of biodiversity, provides important wildlife and domestic forage, and is prized for its aesthetic qualities. Recently, aspen has experienced widespread declines linked to a variety of factors including drought, pathogens, succession, and herbivory. With the range of aspen predicted to contract in the western US over the coming century, active management approaches such as assisted migration may be required. Traditional silvicultural practices to regenerate aspen focus on inducing asexual suckering through coppicing or burning, but these methods reduce genetic diversity over time and are limited to existing stands. Planting of nursery-grown aspen seedlings could address these limitations and has proven effective in mined land reclamation in Alberta, Canada, but protocols have yet to be developed for the western US. To assess the viability of a seedling-based approach to aspen restoration, seed was collected from stands in Alberta, Utah, and New Mexico and nursery-propagated following protocols developed in Alberta. In the fall of 2015, over 7,000 seedlings were planted in southwestern Utah in 15 wildlife exclosures. Results from the 2016 growing season indicate mixed outplanting success, with the primary mortality factors linked to rodent herbivory and early summer drought, the latter of which appears tied to soil texture. Additionally, uneven responses among seedling sources in the nursery suggest further work will be necessary to optimize protocols for southwestern aspen. Monitoring will continue in 2017 to assess the ongoing performance of the established seedlings.
Dr. Randall Violett and Dr. Dean Winward collaborated on a Society for Range Management Youth Education Project for the Utah Natural Resources Field School, at Gooseberry Forest Service Administration Site, August 2016. The Utah Natural Resources Field School is an education program sponsored by the Utah section of the SRM. It is open to any high school aged student that is interested in learning more about managing natural resources. The 2016 program was the result of transferring the director responsibilities from Dr. Fee Busy of Utah State University to Dr. Randall Violett of Southern Utah University. Under Dr. Violett’s leadership the school was awarded a STEM grant to help defray some of the expenses of feeding 35-40 participants for four days. The four day three night camp was filled with field trips, guest lectures from university and agency personnel as well as time working on plant collections and extemporaneous speeches. The top two campers are awarded an expense paid trip to the annual international SRM meeting, to participate in the High School Youth Forum.

Agriculture Faculty Dean Winward, Lee Wood, Chad Gasser, and Randall Violett participated in a Livestock, Horse, Range and Agronomy Judging Contest at the Diamond Z Arena and SUU Valley Farm, September 2016. The SUU Agriculture Faculty and Agriculture Club hosted the FFA Livestock, Horse, Range & Agronomy Judging Contest, Tuesday, September 27, 2016 at the Diamond Z Arena and SUU Valley Farm. 29 Utah schools traveled to the Diamond Z Arena in Cedar City to compete in the contests. The event began at 8:30 a.m. with registration. Donuts were provided by the local IFA store for the contestants before the contest. COSE Leadership Board members oversaw the donut tables and helped with recruiting. At 9:30 a.m. the students gathered on bleachers for the welcome given by the COSE Dean, Robert Eves. From there, students split out into their various contests. Professor Chad Gasser ran the livestock judging which took place inside the Diamond Z Arena; Horse and Agronomy judging participants loaded on buses and were taken to the SUU Valley Farm. Lee Wood ran the horse contest set-up in both the indoor and outdoor arenas. Dean Winward oversaw the Agronomy contest set-up around the farm and inside the barns. Randall Violett’s Range contest participants were taken to prepared areas out and around the Diamond Z Arena.

A total of 587 student participated in the contest this year. The largest number in the history of the contest. Students in the Agriculture Club assisted in registration and judging areas throughout the morning. Club members mingled with students, promoted SUU, took pictures, and helped to run each contest. The event also serves as a fundraiser for the club.
Agriculture faculty Dean Winward, Lee Wood, Chad Gasser and Randall Violett participated in the Iron County 3rd Grade Farm Field Day, hosted by USU Extension, March 2016. Brief description of project and its significance: A two day event, held March 28 and 29, 2016 at the Diamond Z arena. All third grade classes in Iron County including Gateway Preparatory Academy are invited to attend. 800 students from 33 classes come throughout the two days to learn about agriculture. The Southern Utah University Agriculture Club and Agriculture Program assist by providing two booths, one on the most important crop in Iron County - alfalfa, and the other on livestock. SUU agriculture students also help direct the third graders and their teachers to the different stations throughout the day and coordinate some of their activities. SUU agriculture faculty, students, farm personnel and farm animals all participate.

Biology

Publications and Presentations

Dr. Helen Boswell and Tasha Seegmiller (EDGE) published “Reading Fiction in Biology Class to Enhance Scientific Literacy” in The American Biology Teacher, October 2016. The article was a featured article.


Dr. Matt Weeg, Professor Mary Jo Tufte, Holden Wagstaff, and Stephan Maman published “The Effect of Umbellularia californica Essential Oil on Blood Vessel Diameter in Frogs” in the American Journal of Undergraduate Research, 2016. They investigated the effects of plant compounds on blood vessel diameter, and showed that essential oil from Umbellularia californica causes vessels to constrict. This is unique, as most plant compounds cause blood vessels to dilate.

Dr. Matt Weeg and Dr. Jackie Grant published “A Reliable, Non-Invasive Technique for Measuring Growth in Tadpoles Exposed to Salt” in Environmental Toxicology and Pharmacology, 2016. They showed that body size of tadpoles can be accurately measured from digital photographs. This provides a non-lethal way to measure body size repeatedly during experiments in which tadpoles are exposed to various environmental contaminants.

Projects

Dr. William Heyborne and Laurel Dodgion hosted a Children’s Jubilee and STEAM Festival, as part of the SUU Center for STEM Teaching and Learning, in February 2016. This was the first annual STEAM festival, with over 2,400 participants.
Engineering and Technology

Projects

Dr. Ali Siahpush and the NASA Utah Space Grant consortia purchased a meteorite as part of a project with USU, to educate K-12 teachers in Iron County School District about physics, mathematics, and how they apply to engineering in a unique space environment.

Mathematics

Publications and Presentations

Dr. Eric Freden (Associate Dean) gave two presentations on “Using Formal Languages to Solve Combinatorial Problems” at Wuhan Polytechnic University (WPU), Wuhan China, May 2016, as part of the World Famous Scholars to Wuhan Grant. Dr. Freden was invited to present his original research by WPU via a travel grant. He gave two presentations: an introductory lecture to about 300 students, and an advanced lecture to the WPU computer science and mathematics faculty. This was the WPU equivalent of the SUU Eccles Visiting Scholar program.


Dr. Derek W. Hein and D. G. Sarvate (College of Charleston) published “A New Construction for Decompositions of λKn into LEO and OLE Graphs” in the Journal of Combinatorial Mathematics and Combinatorial Computing, August 2016.

Dr. Derek W. Hein presented “A New Construction for Decompositions of λKn into LW and OW Graphs (updated)” at the Joint Intermountain/Rocky Mountain Sections meeting of the MAA at Colorado Mesa University in Grand Junction, Colorado, April 2016. This presentation was a dissemination of FSSF-funded research results discovered while on sabbatical leave in 2014-15.
Dr. Andrew Misseldine presented “Teaching a Mathematics Course using Open Educational Resources (OER)” at the AMS Spring Western Sectional Meeting, April 2016. The cost of attending college is a major obstacle for many students and their families. For university administrators, student costs are often counterproductive to student retention. Unfortunately, these costs are only rising, which will prohibit many more students from finishing, or even starting, their college degree. The cost of textbooks alone will cost thousands of dollars for the average student. One of many national movements to alleviate the financial burden of students is the push to incorporate Open Educational Resources, or OER. Open Educational Resources are educational materials published in the public domain and hence can be distributed to students free of charge. Although not produced through traditional forprofit publishing venues, many OER materials, in fact, rival published textbooks both in quality and student/instructor support. Research even shows that there is no difference in student learning for courses using OER materials compared to courses using traditional textbooks. This talk will present some of the new research currently fueling the national OER movement and how the presenter has personally adapted a college algebra course to use OER materials.


### Nursing

**Publications and Presentations**

**Dr. Donna Lister**, APRN, FNP-BC, CNE, presented “Current Issues in Nursing” at the Utah Student Nurse Association Conference, February 6, 2016 at Utah Valley University, Orem, Utah. This presentation was for nursing students and nursing faculty members concerning current issues in nursing. It focused on the need and means to get involved in the political processes that shape our society.

### Physical Science

**Presentations and Publications**

**Dr. Johnny MacLean** and James W. Sears published “Belt Basin: Window to Mesoproterozoic Earth” in the *Geological Society of America*, Special paper 522 (2016): 384 p. He served as the lead editor for a special volume. With its thickness of more than 15 km of strata, covering some 200,000 km², the Belt basin displays one of the planet’s largest, best-exposed, most accessible, and best-preserved sequences of Mesoproterozoic sedimentary and igneous rocks. This volume focuses on research into this world-class province; kindles ideas about this critical era of Earth evolution; and covers aspects of the basin from its paleontology, mineralogy, sedimentology, and stratigraphy to its magmatism, ore deposits, geophysics, and structural geology.
Dr. Johnny MacLean, James W. Sears, and Stuart D. Parker published “Transect across the Northeastern Margin of the Mesoproterozoic Belt Basin and Lewis Thrust, Glacier National Park, Montana,” in *Unfolding the Geology of the West*, Geological Society of America, Field Guide, 2016. This article contributed to the field guide that was produced in conjunction with the GSA Special Paper 522 entitled Belt Basin: Window to Mesoproterozoic Earth.

Dr. Johnny MacLean, Brian J. White, and Alycia Schmidt published, “The Unexpected Wilderness of Sequoia National Park” as part of *Partners in the Parks: Field Guide to an Experiential Program in the National Parks*, 2nd edition, 2016. This article contributed to the National Collegiate Honors Council’s monograph entitled *Partners in the Parks: Field Guide to an Experiential Program in the National Parks, 2nd edition*.

Dr. Cameron Pace and Dr. Samir Salim (Indiana University) published “Suppression of Star Formation in the Hosts of Low-Excitation Radio Galaxies” in the *Astrophysical Journal*, 2016, 818, 65. This project examined whether feedback from active galaxies can suppress star formation in galaxies that host active black holes. We compared the star-formation histories of active galaxies to galaxies that are not active and found that star formation may be suppressed in those active galaxies that are not in clusters. This is important because most simulations invoke active galaxy feedback to account for the low star formation rates seen in many galaxies, and our observations show that such feedback can indeed suppress star formation.

Dr. Hussein Samha, with B. Singh, A. Diwan, V. Jain, A. Herrera-Gomez, J. Terry, and M. R. Linford published “Uniqueness Plots in Spectroscopic Ellipsometry and Now in X-Ray Photoelectron Spectroscopy: A Straighforward Way to Show You Have a Statistically Meaningful Fit” in *Vacuum Technology and Coating*, October 2016. This publication resulted from a collaboration with scientists at BYU.

Dr. Nathan S. Werner and Auston Butterfield presented “Preparation of t-Butyldimethylphosphine Borane and t-Butyldiethylphosphine Borane by Selective Grignard Reagent Substitution of Phosphorus Trichloride” at the American Chemical Society National Meeting & Exposition, San Diego, California, March 2016. Trialkylphosphines are commonly used as ligands in the transition metal-catalyzed reactions that produce a number of fine chemicals and pharmaceuticals. These reactions often require tuning of the catalyst by subtle variation in the ligand structure to maximize yield and selectivity. This work describes the discovery and optimization of an efficient synthesis of t-butyldimethylphosphine and t-butyldiethylphosphine, protected as their borane adducts, by a one-pot, selective Grignard reagent substitution reaction of inexpensive phosphorus trichloride.

Dr. Nathan S. Werner and Hailee Holt presented “Preparation of trans-Stilbene Derivatives by Palladium-Catalyzed Cross-Coupling Reaction” at the American Chemical Society National Meeting & Exposition, San Diego, California, March 2016. Stilbene is a hydrocarbon consisting of a carbon-carbon double bond flanked by two phenyl groups. Stilbene exists as two geometrical isomers: trans-stilbene ((E)-stilbene) and cis-stilbene ((Z)-stilbene). A review of the literature provides no general solution to the synthesis of geometrically pure trans-stilbene derivatives. Here we present our study of the synthesis of trans-stilbene derivatives by palladium-catalyzed cross-coupling reaction.

Dr. Nathan S. Werner, Rebecca Maedgen and Krysten Tomlinson presented “Diastereoselectivity of the Nucleophilic Addition of (±)-Menthylmagnesium Chloride with sp Hybridized Electrophiles” at the American Chemical Society National Meeting & Exposition, San Diego, California, March, 2016. Menthol is a natural product that is a component of many different commercial products. The chemical structure of menthol includes a 6 membered carbicycle with 3 stereogenic centers. The (±)-menthylmagnesium chloride Grignard reagent can be prepared from (±)-menthol in 2-steps by reaction with Lucas’ reagent and exposure to Mg. The carbon-magnesium bond of menthylmagnesium chloride is stereochemically labile, and therefore the (±)-menthylmagnesium chloride Grignard reagent exists as two diastereomers. Here we present our study of the stereochemical outcome of the nucleophilic addition of (±)-menthylmagnesium chloride with sp hybridized electrophiles.
Dr. Nathan S. Werner and Rebecca Maedgen presented “Evaluation of the Stereochemical Selectivity of the Nucleophilic Addition Reaction of the Menthylmagnesium Chloride Grignard Reagent with Electrophiles” at the Utah Conference on Undergraduate Research, Salt Lake City, Utah, February 2016. Menthol is a natural product isolated from mint leaves and is the active ingredient found in cough drops. It is a six-membered carbon ring that contains three substituents: an alcohol, isopropyl, and methyl group. Six-membered rings exist primarily as an equilibrium mixture of two chair conformations that minimize angle and torsional strain. These conformations for menthol are not degenerate and thus can affect the reactivity of the functional groups contained on the ring. The focus of this research project is the evaluation of the stereochemical selectivity that results from a nucleophilic, and stereochemically labile carbon-magnesium bond contained on a menthol-derived six-membered ring. The potential applications of this research could be in the production of chiral menthol-derived catalysts for the production of new enantioenriched medicines.

Projects

Dr. Hussein Samha organized the 14th annual Chemical Olympics for high school students, April 24, 2016. This outreach program that includes several high schools in southern Utah.

Dr. Hussein Samha organized the 6th annual “You be the Chemist” challenge for middle school students at SUU, March 2016. This an outreach program that includes several middle schools in southern Utah.

Awards

Dr. Nathan S. Werner won Distinguished Educator and Outstanding Faculty Member at SUU, April 2016.
Publications and Presentations

**Dr. Cynthia Davis**, with Tammy Kimball and Anne-Christian Williams, was interviewed by Lifetime Network Access Health about hereditary cancers. The Kimball family was interviewed about how all five daughters inherited the BRCA1 mutation, one of the hereditary breast and ovarian cancer from their father, and how the three oldest daughters were diagnosed with breast cancer in their thirties. Another family, the White family, was interviewed about Lynch Syndrome otherwise known as hereditary nonpolyposis colorectal cancer (HNPCC) which increases a person's chance of getting colon or other cancers. The Kimball family has since created the Kimball Family Foundation ([http://www.kimballfamilyfoundation.com/](http://www.kimballfamilyfoundation.com/)) to educate on hereditary breast and ovarian cancers. They also donate money for research. Their story has appeared in *People* magazine and on CNN. The show aired March 30 and April 6.

**Jennifer Hunter** was interviewed by *Online Education* about the process of creating a successful online course, April 2016: [https://www.onlineeducation.com/expert-interviews/jennifer-hunter-southern-utah-university](https://www.onlineeducation.com/expert-interviews/jennifer-hunter-southern-utah-university)


**Jennifer Hunter** presented “Is Complaint Really a Compliment?” in Rexburg, ID, June 2016, a presentation of student evaluations for online courses.
Projects

Dr. Leilani Nautu (Office of Community and Academic Enrichment), with Jennifer Wood (ICSD), Joy Coates (ICSD), Dave Maxwell, Mackay Steffensen, Cameron Pace, Jet Warr (ICSD), Provost James Sage, Scott Monro, Matt Ogburn, Wayne Hartley (ICSD), Bill Heyborne, Emma Turner, Rhett Zollinger, Julia Anderson, Suzette Bulloch, Laurel Dodgion, Ernesto Balderas, and Karen Wilson organized ACT STEM EXPO at the SUU Mountain Center, July 19-21, 2016. The ACT STEM EXPO was made possible by a StepUP Ready Grant, provided by the Utah System of Higher Education. It was an opportunity for students from the Iron County Schools to come together for three days at the SUU Mountain Center to work with professors from the STEM fields. Sessions with the professors included geosciences, engineering, astronomy/physics, life sciences, and chemistry. The students also had the opportunity to take a practice ACT test and work on ACT test taking skills.

The School of Integrative and Engaged Learning, along with the engagement centers, hosted an “EDGE Awards Showcase” on April 4, 2016, followed by the Festival of Excellence Banquet. The former event honored a number of SUU faculty, staff, administrators, and departments, while the latter event focused on students with exemplary EDGE Projects.
Community Engagement Center

Director: Earl Mulderink
Website: https://www.suu.edu/siel/cec/

Projects

During Spring Break, the CEC sponsored several Alternative Break trips. Earl Mulderink acted as faculty advisor for the trip to San Jose, Costa Rica, where students provided service at a daycare facility and constructing a fence for a soccer field. Once again, the CEC partnered with IVHQ and Maximo Nivel. Other Alternative Break trips went to Florida (Habitat for Humanity) and to Guatemala (Maximo Nivel). Also, Earl Mulderink and Pam Branin participated in the 30th annual conference of the national Campus Compact in Boston, and Earl Mulderink represented ELLI at that UVU Scholarship of Teaching and Innovation, March 31-April 1.

The CEC hosted its Annual Thank You and Recognition Event on April 6, 2016, with comments and contributions from President Wyatt, Provost Cook, Dean Clarke, and others. Utah Campus Compact Executive Director Alexis Bucknam was in attendance and helped to honor our 2016 Utah Campus Compact Honorees:

- Committed Community Partner, SUU Head Start (represented by Thomas Morgan)
- Community Engaged Scholar Dr. Julia Combs (English)
- Community Engaged Staff Member, Vikki Robertson (Nursing)
- Community Engaged Students, Sub for Santa (Amber DeSormeau & Nichole Kereszt)
- Community Engaged Alum, Lacie Jo Robinson

In June 2016, Earl Mulderink and Pam Branin participated in the Second Annual Engaged Learning Leadership Institute (ELLI), sponsored by SUU’s School of Integrative and Engaged Learning. Drawing on recognition from the National Society for Experiential Education (NSEE), SUU continues to promote all forms of engaged learning that include the EDGE Program. By participating in and completing NSEE workshops, both Pam and Earl will become certified by the NSEE as “Experiential Educators.”

In August 2016, Pam Branin of the CEC played a key role in organizing many aspects of SUU’s Day in the Parks on August 25, 2016. She was busy during the summer with meetings of the steering committee and helped to ensure that this massive university event was a success. In addition, Pam welcomed the largest-ever group of student Service Leaders and convened a Service Leader Retreat in St. George on August 16-17, 2016.

AmeriCorps

Under the capable and energetic administration of Gabrielle Strand, SUU’s participation in the AmeriCorps program through the Utah Campus Compact has tripled since 2012 and leads all other higher education institutions in Utah in the number of total awards, percentage of statewide awards, and in percentage of program completions.

More specifically, for the 2015-2016 year:

- SUU 155 filled slots through Utah Campus Compact’s AmeriCorps program
- Only 109 slots were requested, and SUU “took up the slack” of other USHE institutions
- 131 students served 300-hour service terms, earning awards totaling $158,772
- 22 students served 450-hour service terms, earning awards totaling $33,330
All together, SUU’s AmeriCorps participants served more than 49,200 hours and earned $192,102 in educational stipends. Using the standard hourly rate of $23.51 for the value of a volunteer hour, SUU students in AmeriCorps provided $1.15 million in service. These students’ service hours will also contribute significantly to SUU’s next application to the President’s Higher Education Community Service Honor Roll.

**Awards**

In April 2016, at the annual Thunderbird Awards event on April 16 at Cedar City’s Heritage Theater, Pam Branin was named T-Bird Advisor of the Year. (This is the third time that Pam has been so honored.)

Southern Utah University was named to the 2016 President’s Higher Education Community Service Honor Roll in the category of General Community Service (the CEC compiled the data and submitted the application for the award. We highlighted three exemplary programs: 1) the Intergovernmental Internship Cooperative (IIC), 2) SUU’s Nursing Program, and 3) the Community Engagement Track and Students’ Projects within EDGE. Most importantly, SUU can document an increase in service hours by SUU students from about 201,000 in 2015 to 215,405 total service hours in for the reporting period of July 1, 2014 to June 30, 2015.

**Creative Engagement Center**

Director Todd Peterson
Website: [https://www.suu.edu/siel/creative/](https://www.suu.edu/siel/creative/)

The Creative Engagement Center manages the “Creativity and Innovation” track within the SUU EDGE Program and advises students who have chosen a Creativity and Innovation EDGE Track. In addition to curricular matters, the Center and its advisory council also develop and oversee creativity-based co-curricular activities. We also provide access to networks and resources for SUU students, faculty, and community members.

**Outdoor Engagement Center**

Director: Briget Eastep
Website: [https://www.suu.edu/siel/outdoor/](https://www.suu.edu/siel/outdoor/)

**Vision Statement**

The Outdoor Engagement Center will be an active hub supporting and creating meaningful interdisciplinary learning opportunities to involve the university’s community in the outdoors. Participants will enhance their knowledge and awareness of the natural, cultural, and historic resources on public lands while gaining life-long skills, a sense of place, and appreciation for stewardship of our natural world. Through our work, SUU will gain national attention for engaging students, faculty, and staff in the outdoors.
**Intergovernmental Internship Cooperative (IIC)**

The natural world is our classroom. The Intergovernmental Internship Cooperative (IIC) engages middle school, high school, and college age individuals, including diverse and underrepresented populations, fostering life changing experiences through camps, conservation corps, and internships. Started in 2007, with only 15 interns, the IIC now boasts an active youth development and engagement program supported by 19 committed partners, offering more than 200 multi-discipline internships opportunities and 30 youth service crew team member positions each year.

The IIC organization is based out of Southern Utah University within hours of seven National Parks, five National Forests, and ten BLM Field Offices. Being uniquely situated along the I-15 corridor, with easy access to millions of acres of Public Lands, the IIC has been able to successfully recruit and fill over 1370 internship positions for Federal, State, local, and tribal partners. As a member of the Colorado Plateau Cooperative Ecosystem Studies Unit (CPCESU) the IIC has a history of partnering with state and federal land management agencies to recruit interns for positions that encourage the stewardship and management of public lands. The IIC specializes in bridging connections between college students and public land managers. These connections allow interns to learn direct knowledge and experience from current land managers. Furthermore, as a partner organization the IIC utilizes the strengths and expertise of these partners to foster and mentor student interns.

Through the Individual Internship Program, the IIC offers hundreds of summer internship opportunities, in a broad variety of subject matter, to students at Southern Utah University, Dixie University, Mohave Community College, Southwest Applied Technology School, and interested unaffiliated individuals and recent graduates seeking internship opportunities. The Youth Engagement and Career Internship Corp Program provides regional opportunities for college, high school and middle school youth to engage in stewardship and career developmental activities through summer camps, events, presentations, and service crew work experiences. In 2016 forty-six different internship categories and nine service crews were offered at seventeen partner locations throughout the IIC region of southern Utah.
northern Arizona, and eastern Nevada.

2016 program statistics and highlights include:
Over 2 million dollars in grant awards and modifications this year
100,937 intern hours documented
$1,433,265 dollars in wages paid to interns
The IIC was awarded a National Fish and Wildlife Conservation grant for $79,000.
228 interns for the 2016 season:
46 different internship categories
84 National Park Service interns
83 National Forest interns
54 Bureau of Land Management interns
7 IIC Interns
9 Service Crews: 9 crew leaders, 51 members, 6 high school crews, 3 college crews
The 2016 all Native YCC Crew was rated as “the best crew I have ever worked with” by the Chief of Interpretation at Pipe Spring National Monument.
Interns stationed from Salt Lake City to Williams, AZ; and from Escalante, UT to Great Basin National Park, NV.
The Program Director and PI Dr. Briget Eastep was awarded the Director’s Partnership Award from the Director of the National Park Service.
IIC Partnership Director Brian Raper and the IIC Internship Coordinator Miranda Gubler were both honored as BLM “Youth Program Superstars” by the Bureau of Land Management.
On January 27th, 2017, the IIC will be celebrating 10 years of empowering the public land leaders of tomorrow. A reunion celebration is scheduled in the Great Hall of the Hunter Conference Center on the Southern Utah University Campus. Come learn more about the IIC and celebrate with current and past staff, interns, and partners.
Director: Dr. Kyle Bishop
Website: http://www.suu.edu/honors/

HONORS PROGRAM

Projects
Jayci Bash, Dr. Johnny MacLean (Physical Science), Dr. Kyle Bishop (Director, Honors), Dr. Matt Weeg (Biology), Professor Matt Nickerson (Library), and Dr. Jason Kaiser (Physical Science) led Partners in the Park programs in Cedar Breaks National Monument, Zion National Park, and Glacier National Park during Winter and Summer 2016. Partners in the Parks helped commemorate the 100th anniversary of the NPS by taking over 30 honors students from across the country into some of our nation’s most treasured places. During these outdoor experiential learning projects, students engage responsibly in the park, seminar with park officials and professors, provide service to the park, and gain a life-long appreciation for our public spaces. This year was also the 10th anniversary of SUU directing projects in the intermountain west.

SUU Students participate in “Partners in the Park”
Faculty Publications and Presentations

**Professor Anne Diekema, Professor Cait Gerrity, and Professor Phil Roché** presented “Establishing Discipline-Specific Information Practices for Upper-Division Information Literacy Instruction” at the annual meeting of the Utah Library Association, Layton, UT, May 2016. Extending information literacy instruction to the upper-division classes and integrating information literacy directly into the different disciplines allows students to become familiar with the information practices of their chosen fields. The Framework for Information Literacy for Higher Education is supportive of integrating information literacy instruction throughout the undergraduate years (ACRL, 2015). However, before librarians can familiarize students with the information ecosystems and knowledge practices specific to their future professions, research is required to establish what the current information practices are. In this presentation we present a framework for carrying out this type of research, which involves interviews, focus groups, and surveys, and how to integrate research findings into information literacy instruction.

**Professor Anne Diekema and Professor Cait Gerrity** presented “Your Library as the Roadmap to College and Career Readiness” at the annual meeting of the Utah Educational Library Media Association, Sandy, UT, March 2016. The presentation discussed strategies that media specialists can employ to ensure the college and career readiness of their students. These strategies resulted from an ongoing study about the aspects of school library programs that affect the information literacy preparedness of college freshmen. Attendees took away strategies that are ready for implementation and that have may have a big impact on their students’ future success.

**Professor Anne Diekema, Professor Cait Gerrity, and Professor Phil Roché** presented “Extending the Arc of Learning: Infusing Information Literacy Throughout Students’ Academic Careers” at the annual meeting of the Library Instruction West, Salt Lake City, UT, June 2016. The Framework for Information Literacy for Higher Education describes information literacy as “extending the arc of learning throughout students’ academic careers and as converging with other academic and social learning goals” (ACRL, 2015). Ensuring that information literacy supports learning throughout a student’s academic career and beyond is difficult to achieve by only embedding information literacy instruction in early general education courses such as freshmen-level composition and providing the occasional one-shot instruction session. In this panel discussion we will explore what information literacy
instruction might look like when thoroughly integrated throughout the curriculum as part of gateway courses that are required for entry into a major and senior capstone courses in the different disciplines. How can we best familiarize students with the information ecosystem and knowledge practices specific to their future professions? What are ways in which we can teach students to effectively use information for learning in their fields of interest and for individual growth?

Professor Cait Gerrity and Professor Scott Lanning presented “Reinvigorating Partnerships: A Case Study of Three Feeder High Schools with Varying Information Literacy Preparedness and Resulting Academic Library Interventions,” at the annual meeting of LOEX, Pittsburgh, PA, May 2016. As information literacy instructors, we are constantly considering new ways to improve our pedagogy to more effectively prepare our students to succeed in an academic environment. Our 1-credit general education course on information literacy is designed to ensure that all incoming students have a strong foundation in information literacy before their first midterms are due. As is the predicament for most General Education courses, a class of 35 students consists of extremes in background knowledge; ranging from students who are prepared for the rigor of academic research directly out of high school to students with little to no information literacy skills. By administering a Competency Exam at the beginning of the course, and a Final Exam at the end, we are able to track student performance, readiness, and growth across our student population. One statistically significant difference occurs in the information literacy preparedness between our two main local feeder high schools. This case study explores the services provided by each school library program to determine what pedagogical factors might have contributed to this difference. Our study findings inform possible interventions, both in our classrooms and in the school library programs, to improve student success and retention. Our methodology includes interviewing administrators, teachers, students, and the school librarians regarding programming, practices, and pedagogy, as well as administrative support, student and teacher attitudes towards the library, and demographic data in each school. In this session, we will identify strategies and interventions that may be provided through outreach services to improve information literacy preparedness of incoming students. The session will move beyond a presentation of our findings to a collaborative activity that will allow participants to draw on each other’s expertise, remove silos, and generate creative solutions to common roadblocks between high school and college level preparedness.

Professor Scott Lanning published “A Modern, Simplified Citation Style and Student Response” in Reference Services Review, 44.1 (2016): 21-37. The purpose of this paper is to see if there is a need for and an interest in a modernized and simplified citation style (SCS). Students in two sections of English 1010 were given a brief training in SCS and asked to use SCS and MLA citation styles, respectively, in their next two assignments. Students were surveyed afterwards about their preferences. Students preferred using the presented SCS over MLA by a large margin. This was not a surprise. Citation styles are difficult to master. This is a small qualitative study, and the result are not generalizable to a larger population, but the implications suggest that a larger study is warranted. This paper shows that there is a need for a more modern citation style, one that embraces technology and moves forward from the print bibliographic tradition. There are many articles in the literature about citations, but few address modernizing and simplifying citation styles, and none make a proposal for such a style.
Projects

Professor Paula Mitchell organized an exhibit, “The Grand Circle Tour” of National Parks Historic Photography, in the Southern Utah Museum of Art (SUMA), June 25-September 1, 2016. Historical images from Gerald R. Sherratt Library’s Special Collections representing what it would have been like for a tourist participating in the “Grand Circle Tour” during the early 1920s through the 1960s traveling through Utah’s Painted Canyons in celebration of 100 years of National Parks in Utah.

Willy the Kid Comes to Town

In 2016 the American Library Association and the Folger Shakespeare Library sponsored Shakespeare and His First Folio a series of exhibitions commemorating the 400th anniversary of William Shakespeare’s death. This exhibition, funded by a major grant from the National Endowment for the Humanities, included a copy of the 1623 original edition of the First Folio, and was displayed at selected sites in each of the 50 states, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. Utah’s turn to host the exhibit came in October 2016 when this once-in-a-lifetime opportunity was hosted by the Salt Lake City Public Library.

In connection with the First Folio exhibit on the Wasatch Front, SUU’s Sherratt Library hosted a related exhibit, Willy the Kid: Shakespeare in the American West 1850-1870. Curated by Associate Dean Matt Nickerson and hosted by the library’s Special Collections, the exhibit showcased the incredible popularity of Shakespeare’s plays during the most turbulent years of the Western Expansion. Exhibit panels encircled the Reading Room introducing visitors to some of the more interesting performers, theatres, and towns that brought Shakespeare to America’s western frontier.

Among the artifacts on display were original scripts owned by prominent nineteenth-century actors who performed in the early cities and Gold Rush camps of California. Also displayed were original playbills and actors’ sides from 1860s Shakespeare performances at the Salt Lake City Common Council Library, and pamphlets of local productions from 1860s Salt Lake City’s biggest theatre, the Union.  And who was Willy the Kid? He was a fictional character created by Shakespeare and given a double life in this part of the world as a real-life bandit and stage actor.  The display included pictures of the real-life Willy the Kid, which was actually a pseudonym for the bandit Kit Carson.  Library staff plan to hold a poster and book sale after the exhibit ends to raise money for the library’s Special Collections program.
Theatre in Utah. Visitor experience was enhanced through an accompanying audio tour accessible through a mobile phone application. Along with supplementary information building off of the displays, the audio tour also included dramatized readings from personal writings, journals and scripts.

Feedback from exhibit visitors was enthusiastic and positive. Visitors’ comments in the Guest Book are replete with descriptors like, “interesting,” “inspiring” and “fascinating.” One visitor wrote, “I came back again and enjoyed it even more the second time. The audio guide is wonderful.” A Camp Shakespeare attendee commented, “It was the highlight of our week” and an out-of-state USF patron related, “I learned that my people in New Mexico cattle towns might have been familiar with the Bard. Thank you!”

Though not part of popular culture’s depiction of the West in movies and dime novels, of the plays, dances, speeches and other entertainments of the time, William Shakespeare enjoyed a disproportionate share of the limelight. By introducing the places, people, and plays that made the Bard a common feature of the Western frontier the exhibit emphasized the power and importance of the written word through Shakespeare’s work and highlighted the value and accessibility of his work across time and among people of all ages, class, and education.

**Awards**

**Linda Liebhardt** received the inaugural “President’s Award” by the Utah Library Association. Dustin Fife, Past President of ULA, named Linda for the award recognizing her efforts with the Library Paraprofessional Certificate program in the state. Linda has chaired the ULA Paraprofessional Certificate Program Review Board for the past five years. During her tenure several candidates have received certification, adding to the working knowledge-base of libraries as a whole in our state. The ULA Paraprofessional Certificate is awarded by earning points by documenting education, experience, and professional development across different areas of practical library service. Recipients have shown that they are dedicated to library services, and Linda has shown her dedication, as well, in continuing to help administer the program within the state, encouraging other paraprofessional library workers.
With national participation in undergraduate research reaching an all-time high, SUU is taking a leadership role by including research as a major emphasis in its new academic roadmap. The Undergraduate Research and Scholarship Program (UGRASP) seeks to support, advocate for, and assist students engaging in research and scholarship activities.

Perhaps the most direct contribution of UGRASP is to provide funding for undergraduate research and scholarship conduction and dissemination. Grant awards of up to $500 are available to students from all disciplines across campus.

Another highlight of the yearly activities of UGRASP includes the annual Utah Conference on Undergraduate Research (UCUR) in the spring. Based off the prestigious National Conference on Undergraduate Research, UCUR is a statewide conference dedicated to the dissemination of student research and creative activity. UGRASP covers all expenses for students who present at this conference. In February 2016, the University of Utah served as the host institution.
Presentations and Publications

Andrea Donovan and Sarah Oulton (Dalhousie University School of Social Work) presented “Doing Dignity in Experiential Engagement” at the Dignity Conference, Vancouver Island, BC, Canada, May 2016. The Dalhousie School of Social Work Community Clinic is an anti-oppressive and social justice-based experiential education framework. The presentation highlighted the impact of doing dignity by foregrounding client and student responses. The Clinic utilizes a case management platform to accompany marginalized community members while simultaneously acting as a community development hub and a student skill-building site. Clinic Coordinators mentor graduate and undergraduate social work students in anti-oppressive service approaches that address service provision gaps while supporting the integration of theory/practice. The Community Clinic is the only engaged learning site of its kind in Canada, and provides a model for this work in other sites of higher education.

Projects

SUU Care and Support Team (CAST), led by co-chairs Jayci Bash (Honors) and Dr. Johnny MacLean (Physical Science) have organized an ongoing program to build community at SUU. The SUU Care and Support Team (CAST) promotes student resiliency by providing a visible network of trained faculty and staff who are committed to students who may be struggling with emotional distress and mental health issues. CAST offers trainings to faculty and staff that build understanding in listening and helping skills, Title IX, and suicide prevention. It also hosts reading groups that allow employees to discuss pertinent topics surrounding our students’ emotional health and to build an open and vibrant community. Finally, CAST partners with other helping groups on campus to organize special events to show students they’re supported such as Suicide Prevention and Awareness Week. More information is available at https://www.suu.edu/cast/
A group of CAST members dressed as ninjas and wrote encouraging messages around campus.
Programs

Dr. Danielle Dubrasky, with support from The Office of the President, The Outdoor Engagement Center, The Department of Political Science and Criminal Justice, Native American Week, Women and Gender Studies Conference, the Tanner Center, and Art Insights, organized SUU Convocations. The program hosted a variety of speakers during Fall 2016, organized around two themes: the Centennial Celebration of the National Parks Service, and the election year.

Topics and speakers included the following: a bi-partisan discussion with Hon. Bud Albright and Mr. Timothy Keating; Visiting Eccles Scholar Dayton Duncan on The National Parks, America’s Best Idea; Laura Tohe, Navajo Nation Poet Laureate on American Indian Boarding Schools; Robert Davies on climate change; and Anne Greer on the History of Immigration in the United States. We were also pleased to host the return of the Utah State Court of Appeals.

Please refer to the website https://www.suu.edu/convocations/archive.html for the archives.

SUU Convocations is a distinguished lecture series hosted by Southern Utah University. The program’s purpose is to foster the growth of lifelong learners by engaging students of all levels and disciplines.
During summer 2016, the Global Engagement Center was renamed the Office of Learning Abroad and absorbed into the Office of International Affairs, which also includes International Student & Scholar Services, the American Language & Culture Center, the Office of International Collaboration, International Recruiting, and the Confucius Institute.

Office of Learning Abroad

Director: Kurt Harris
Website: https://www.suu.edu/academics/studyabroad/

Presentations

- **Dr. Kurt Harris** (director) presented at the Helen Foster Snow Symposium at Northwest University in Xi’an, China, September 2016.
- **Dr. Kurt Harris** co-presented at the National Society for Experiential Education Conference in San Antonio, TX, September 2016.
- **Tessa Douglas** presented at the annual Utah Board of International Educators (UBIE) Conference.

Leadership

- **Dr. Kurt Harris** is the editor of a new journal, *Experiential Learning & Teaching in Higher Education*
Projects

In the spring 2016 semester, thirteen SUU students studied on exchange at international partner universities: two students are in Greece, two in Japan, two in South Korea, two in Spain, and one each in Austria, China, Denmark, Ireland, and Romania. One student, Hanna Dawson, and one staff member, Linda Liebhardt, received a generous Erasmus fellowship, which funded their travel and accommodations to Babeș-Bolyai University in Cluj-Napoca, Romania. In addition, student Nicole Mayerhofer is serving as the Program Coordinator of SUU's American Studies Center at Hunan Normal University in Changsha, China, while she studies there.

In May, SUU saw its largest number of students and faculty ever participating in Faculty-Led Summer Study Abroad programs. Over 130 students, led by 23 faculty, took a range of courses—from Criminal Justice to Hospitality Management to Spanish—enhanced by their experiences in Australia, Costa Rica, Japan, New Zealand, Tonga, and eleven countries in Europe.

The Global Engagement Center hosted an “International Partners Week” in early June on the SUU campus. Representatives from the international offices of SUU’s 45 exchange partners were invited to spend three or four days learning about SUU, sharing best practices, networking, and seeing the local natural beauty of southern Utah.

Finally, the Global Engagement Center is pleased to announce that SUU recently added to its list of 45 study abroad partnerships the University of Wales Trinity Saint David, with campuses in Swansea, Carmarthen, and Lampeter.
Congratulations to the following faculty on being awarded grants for their research, presentations, and other special projects:

**School of Business**
- Azmi Ahmad
- Dave Berri
- Jeff Orton
- Michael Kroff

**Walter Maxwell Gibson College of Science and Engineering**
- Nathan Barker
- Carrie Jo Bucklin
- Daniel Eves
- Robert Eves
- Chad Gasser
- Artis Grady
- Jackie Grant
- Fred Govedich
- Derek Hein
- Paul Larson
- Jana Lunt
- John MacLean
- Laurie Mauger
- Andrew Misseldine
- Christopher Monson
- Scott Munro
- Emma Schafer
- Nasser Tadayon
- Elaine Vickers
- Randall Violett
- Andreas Weingartner
- Nathan Werner
- Dean Winward
- Lee Wood

**Beverly Taylor Sorenson College of Education and Human Development**
- Rea Gubler
- Joel Judd
- Michiko Kobayashi
- Tony Pellegrini
- Bart Reynolds
- Julie Taylor

**College of Performing and Visual Arts**
- Keith Bradshaw
- Sam Davis
- Jeff Hanson
- Scott Knowles
- Patricia Meredith
- Ben Sowards
- Hala Swearingen

**Library**
- Loralyn Felix
- Steven Irving
- Paula Mitchell
- Phil Roché

**College of Humanities and Social Sciences**
- Lisa Arter
- Bryce Christensen
- Danielle Dubrasky
- Matthew Eddy
- Kelly Kathleen Ferguson
- Michelle Grimes
- Nozomi Irei
- Liz Olson
- Michelle Orihel
- Kevin Stein
- Joy Sterrantino