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*Ceramic Display from
the 3rd Annual Festival
of Excellence*





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WELCOME

The overarching theme driving this issue of Summit magazine is connection: connecting students across disciplines in Focused Interest Groups (FIGs); reaching across cultures through study abroad programs; and linking students, faculty, and staff into the broader community at Southern University through the 3rd annual Festival of Excellence.

This online issue features much of the extraordinary work done by our faculty in terms of scholarship, community outreach, and creative work. These efforts are in keeping with SUU's new involvement in the state-wide LEAP initiative, which seeks to prepare students for the twenty-first century's "changing demands—demands for more college-educated workers and more engaged and informed citizens" (www.aacu.org/leap).



This table of contents is interactive. If you want to go straight to a specific school, college or area simply mouse over the text and click.

Regards,
Brad Cook
 SUU Provost

Director: Earl Mulderink

Website: <http://suu.edu/uc/cec/>



Community Engagement Center

Center Highlights

In December 2014, Southern Utah University was named to the 2014 President's Higher Education Community Service Honor Roll, thanks in large part to the application prepared by the CEC. The CEC documented over 197,000 hours of engaged service and/or service learning by SUU students between July 1, 2012 and June 30, 2013. SUU was also given a Distinction in General Community Service award, an honor accorded to only 122 colleges and universities of the more than 700 institutions named to the honor roll. This is the second successive year SUU was named to the Honor Roll with distinction. Also in December, SUU was reaffirmed as a Carnegie Community Engaged Institution, a designation that commenced in 2010 and will stand through 2020. SUU joins 360 other colleges and universities with this designation.

Community Engagement Center

Presentations

Dr. Earl Mulderink (CEC Director) and **Pam Branin** presented "Building a Culture of Engagement at SUU" at the Southern Utah University Festival of Excellence, April 7, 2015. As director and associate director of the Community Engagement Center, respectively, Earl Mulderink and Pam Branin outlined the evolution of service and community engagement at SUU. As of 2015, SUU is one of only 361 universities in the nation designated as a Carnegie Community Engaged Institution and one of 122 colleges and universities named with Distinction to the most recent President's Higher Education Community Service Honor Roll. With an aim of generating an interactive discussion, they will highlight student and institutional accomplishments along with some challenges in sustaining SUU as an "engaged" institution.

Projects

The Community Engagement Center and the Outdoor Engagement Center (OEC) are co-sponsoring a COPLAC initiative, "Commitment to Place." SUU's signature program, "Civic Engagement through the Outdoors" was developed to showcase the CEC and the OEC. This is ongoing through this year. Both centers are well positioned to promote students' civic learning and engagement, key elements of the COPLAC initiative. See <http://www.coplac.org/commitment/>

Here is a short list of activities in support of the proposed program:

- The CEC and the OEC have co-sponsored a Community Hiking Series.
- The CEC and the OEC have supported Public Lands Day on October 4.
- On October 24 and 31, the CEC and OEC supported a program allowing students to hike trails in Snow Canyon State Park to assess recreation impact. Results will be used to determine

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rehabilitation steps.

- The OEC houses the impressive Intergovernmental Internship Cooperative (IIC), honored recently by the Department of the Interior.
- The OEC planned a symposium in November 2014 to celebrate the 50th Anniversary of the Wilderness Act. See <http://www.wilderness50th.org/about.php> for more information.
- Service Saturday (overseen by Pam Branin of the CEC) includes recycling, cleaning, and beautification services.
- The CEC and OEC have played key roles in developing service-learning curricula and the EDGE program.

In September, the Community Engagement Center (CEC) and the Michael O. Leavitt Center for Politics and Public Service co-sponsored a 9/11 tribute, and it was coupled with Convocations and the Presidential Inauguration Keynote Address by former U.S. Poet Laureate Billy Collins. **Gabrielle Strand** of the CEC deserves thanks for organizing the 9/11 portion of the program and **Pam Branin** and **Dr. Briget Eastep** (Outdoor Engagement Center) helped organize the 9/11 service activity: a clean-up of Thunderbird gardens.

Dr. Earl Mulderink (CEC director), Pam Branin, Gabrielle Strand, and Lee Chamberlain organized the Iron County Holiday Assistance Program with Collaboration from Toys for Tots and Iron County Care and Share. Overseen by Associate Director Pam Branin, with assistance from the CEC staff, students and volunteers, the program distributed toys, clothing, and food to about 400 families with 1,000 children in December 2014.

The CEC joined with other engagement centers and the new EDGE Center to sponsor an EDGE celebration on October 16, 2014. Undergraduate students were honored for their EDGE accomplishments. The CEC remains committed to the EDGE program and the new EDGE 3.0 that commenced this year. Over the past two years, 40% of EDGE students have gone through the Community Engagement track, and their projects involved services in a variety of locales.

Awards

On April 9, 2014, at the CEC's annual Thank You and Recognition Event, the CEC honored Utah Campus awardees as follows:

- Community Partner: Ray Whittier, Principal, North Elementary School
- Engaged Scholar: Dr. Shobha Gurung, Assistant Professor of Sociology
- Engaged Staff Member: Reece Summers, Director, Braithwaite Gallery
- Engaged Student: Pacesetters (a student group for outdoor activities)
- Engaged Alumni: Scott Jolley & Kourtney Jolley (married alumni)

Director Todd Peterson

Website: <http://suu.edu/uc/creative/>



Creativity Center

The Creativity 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.

The Creativity Center co-sponsored this year’s TEDxSUU event with the SUU Honors program. The event, held April 1, 2015, featured a wide-array of student and faculty presenters. Former SUU student Leesa Ricci, currently the Executive Director for the Southern Utah Space Foundation, presented on the importance of citizen science—on average people contributing to scientific discoveries. Current student Ciara Jackson spoke about adaptability and the importance of taking herself seriously. Junior psychology student, Cameron Alldredge, spoke about the uses of deep hypnosis. **Dr. William Heyborne** (Biology) described the importance of the STEM program and encouraged students to become more involved. **David Ivers**, Artistic Director of the Utah Shakespeare Festival, spoke about the importance of being in the moment.

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Director: Briget Eastep

Website: <http://suu.edu/uc/outdoor/>



Outdoor Engagement Center

Center Highlights

The OEC celebrated the 50th Anniversary of Wilderness by offering hikes, campground programs, a fun run, and other outreach to 2000 people in southwest Utah, in addition to partnering with the Leavitt Center and Braithwaite Gallery to hold a Wilderness Forum where over 500 people considered Wilderness for over an hour—without yelling or screaming.

Outdoor Engagement Center

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.

Projects

The OEC is also partnering with the CEC to offer a COPLAC initiative program focused on civic learning and engagement (see longer description on the CEC page).

The OEC has taken on the Mountain Center and has created an advisory committee dedicated to operating the Mountain Center in such a way that it will host more education activities and events. The Mountain Center will open again in May and will host families, the Cedar Mountain Science Camp, and the FAA.

The Outdoor Engagement Center also has some inspiring EDGE projects, including Katy Ballard's effort to replicate and replace the Deseret Telegraph Line at Pipe Springs National Monument; Chanel Tom's ecology research study of lichen communities and air pollution in Cedar City; and Zachary Rogers and Bryan Larson's re-engineering of a trail near Santa Clara, UT.

The Pacesetter Outdoor Leadership Club has had a student led outdoor adventure every weekend this academic year. In addition, Adventure Orientation, in partnership with SUU's Orientation, hosted four 4-day trips led by 8 leader last summer. This year, the group is in line to lead 5 more trips to nearby parks and recreation areas.

Presentations

In tandem with the 50th anniversary of the Wilderness Act, the OEC sponsored a Wilderness Forum November 5-7, including presentations on wilderness management, trainings, and a

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special convocation by Elena Passarello, "Where the Wild Voices Are: A Literary Perspective on Wilderness."

Dr. Briget Eastep (OEC director) and Dr. Emily Dean (Anthropology) presented "Tracing the Impact of Leave No Trace in the Southwest Wilderness and Wildlands." Poster presented at the National Wilderness Conference, October 2014, Albuquerque, NM.

Dr. Briget Eastep, K. Goonan, and D. Maxwell published "Report on Desired Conditions: Recreation Impact Monitoring Fall 2014," a technical report for the Red Cliff Desert Reserve.

Dr. Briget Eastep and **Dr. Emily Dean** (Anthropology) presented "Tracing the Impact of Leave No Trace in Southwest Wilderness and Wildlands" at the SUU Festival of Excellence, April 7, 2015. Leave No Trace principles have become widespread since the 1990's with principles being taught in scouting trips, outdoor recreation classes, posted on trailhead signs, and printed in federal publications and brochures. The purpose of this poster is to tell the Leave No Trace story and assess if it has been effective by creating an archeological timeline of backing packing remains from destinations in southwest wilderness areas.

Director: Katy Herbold

Website: <http://suu.edu/uc/leadership/>



Leadership Engagement Center

Center Highlights

To learn more about the Leadership Engagement Center or find out more about LEC events, stop by 561 W. University Blvd. or visit the LEC social media sites: On Facebook, SUU LEC; twitter.com/SUULEC; or suulec.blogspot.com. Calling 435-586-1910 will put you in touch with Shannon Marshall, Program Specialist, or Director, Dr. Katy Herbold.

Leadership Engagement Center

The primary function of the LEC is to support students who are launching their EDGE Projects with a focus on leadership. Secondary to that, the LEC serves as an interactive, dynamic influence for SUU and the community to increase leadership understanding and skills in individuals, groups and organizations.

Projects and Presentations

The Leadership Engagement center once again hosted a Pecha Kucha during the 2015 SUU Festival of Excellence, on April 7. A Pecha Kucha style presentation is 20 slides that automatically advance every 20 seconds. Pecha Kucha presentations generally include more graphics than text, shown as the speaker shares a story rather than a lot of data or written information.

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Director: Kurt Harris

Website: <http://suu.edu/uc/global/>



Sargon Heinrich
Global Engagement Center

Center Highlights

The Global Engagement Center has always been charged with coordinating study abroad and now, under new restructuring as part of the Office of International Affairs (part of the Provost's office), the Global Engagement Center handles international student services.

Sargon Heinrich Global Engagement Center

Student Exchange programs

In Fall 2014, fourteen SUU students studied at partner universities in Australia, China, Costa Rica, France (4), Hungary, Scotland (3), South Korea, Taiwan, and the United Arab Emirates. In spring 2015, 11 students are at partner universities: France (3), Greece (3), Ireland, Italy, South Korea (2), and Spain. For Summer 2015, 120 students are scheduled to go abroad with 17 SUU faculty on 10 programs that include Denmark, Estonia, France, Japan, Peru, Swaziland, South Africa, Spain, and the United Kingdom.

Projects and presentations

The Global Engagement Center worked with the ESL program to host International Education week in November. Different departments of International Student Affairs sponsored different events during the week, which kicked off with a countries fair where students participated and shared their culture. Smaller events included a mini-study abroad fair, origami crane lessons, and an international trivia game. The highlight of the week was the International Food Fair: more than 2,000 people attended, not only from the campus community but from the Cedar City community as well.

In February 2015, the GEC worked with Chinese and Korean students to host a Lunar New Year celebration. The Center dedicated two different rooms, representing Chinese and Korean cultures, and invited Professor Ling Yu and Dr. Johnny Oh to lead each room. In the main lobby, a slide show played while students, faculty, staff, and the local community enjoyed some traditional dishes.

Dr. Kurt Harris presented "Before Facebook & Twitter: Victorian Social Media" at the SUU Festival of Excellence, April 7, 2015. Although Victorian literature is viewed by many today as dense and boring, in its day it was similar to twenty-first century social media. This presentation will demonstrate how the distribution of literature in Victorian England encouraged social interaction and led to social change.



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Director: Kurt Harris

Website: <http://suu.edu/uc/global/>

Awards

Dr. Kurt Harris (Director) received an Endeavour Executive Fellowship from the Australian government. He spent seven weeks in Summer 2014 researching the international education operations at Central Queensland University's eleven campuses. Dr. Harris also studied in Spain during Fall 2014 as a Fulbright Specialist.



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Dean: Carl Templin

Website: <http://suu.edu/business/>

Dixie Leavitt Business Building with The Carter Carillon in the background

School of Business Highlights

Dr. Jeffrey N. Barnes and **Dr. Robin Boneck** co-advised the VITA (Volunteer Tax Assistance) service-learning community engagement activity, from January 12-April 14, 2015, for the 2014 tax year. VITA is generally managed by experienced graduate accounting students, working with undergraduate accounting students, providing free federal and state income tax electronic filing for local community members. VITA usually services from 800 to 1,000 unique tax clients.

SCHOOL OF BUSINESS

Accounting

Publications and Presentations

Dr. Jeffrey N. Barnes presented "Ethics" at the Income Tax Schools for Practitioners conference, part of the Utah State University Extension in cooperation with the IRS. He presented to professionals in Salt Lake City in November 2014, and to professionals in St. George in December. The presentation updated attendees about changes in professional ethics standards and relevant related conduct topics.

Dr. Jeffrey N. Barnes presented "Tax Practices" at the Income Tax Schools for Practitioners conference, part of the Utah State University Extension in cooperation with the IRS. He presented to professionals in Salt Lake City in November 2014, and to professionals in St. George in December. Dr. Barnes updated professionals about office management and client-service best practices.

Dr. Jeffrey N. Barnes was a panel participant for a UACPA Leadership Council Panel, "Attracting, Managing, and Retaining Millennials," as part of a Practitioner Conference presentation in Salt Lake City, in January 2015. The panel discussed how accounting can attract, manage, and maintain millennials.

Economics & Finance

Publications and Presentations

Dr. David J. Berri, Michael Leeds, and Peter von Allmen published "Salary Determination in the Presence of Fixed Revenues" in the International Journal of Sport Finance, February 2015. The article argues that the way revenue is shared by professional sports teams significantly complicates our estimate of a player's economic value.

Dr. David J. Berri began writing for Time.com on a regular basis in Fall 2014, and has written the following:

- (with Marina Adshade), "Sex and the Super Bowl," 31 Jan. 2015
- "How Losing a Star Player can be a Big Win in the NBA" 30 Jan. 2015
- "New York Knicks Haven't Learned that Money Can't Buy Them Wins" 9 Jan. 2015
- "How the NBA's Age Limit Helps Colleges but Hurts Players" 29 Dec. 2014



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- "What NBA Referees can Teach us about Overcoming Prejudices" 16 Dec. 2014
- "Kobe Bryant Should Start Shooting Less" 25 Nov. 2014
- "How Sports Makes a Clear Case for Immigration" 25 Nov. 2014
- "Exploitation is Everywhere in Men's College Basketball" 14 Nov. 2014
- "Kobe Bryant v. Michael Jordan: Sizing Up the Greatest Player of All Time" 6 Nov. 2014
- "The Sacrifice LeBron James' Teammates Make to Play Alongside Him" 16 Oct. 2014
- "Major League Baseball is Less Competitive than We Think" 7 Oct. 2014

Dr. Steven T. Evans presented "An Analysis of the Inflation Rate of the United States" at the SUU Festival of Excellence, April 7, 2015. With the massive influx of money that has taken place in the nation's monetary supply in the last five years, there should be significantly more inflation than what has been officially reported by the government. What should the real inflation numbers be and what can we expect for inflation in the years ahead?

Dr. Bruce Haslem presented "A New Verdict on the Reputation Costs of Corporate Litigation" at the SUU Festival of Excellence, April 7, 2015. Using a sample of 83,260 lawsuits involving corporate defendants, Dr. Haslem estimated the loss in market value created by corporate litigation. He then analyzed how much of this loss cannot be explained by explicit costs in litigation, and analyze factors that affect the reputation loss suffered by the defendant. He showed that overall losses are much lower than those previously documented due to a bias in sample creation which he avoided. After controlling for other factors, he found that firms do not generally suffer damage to their reputation from corporate litigation except following securities and environmental lawsuits.

Management, Marketing and Hospitality

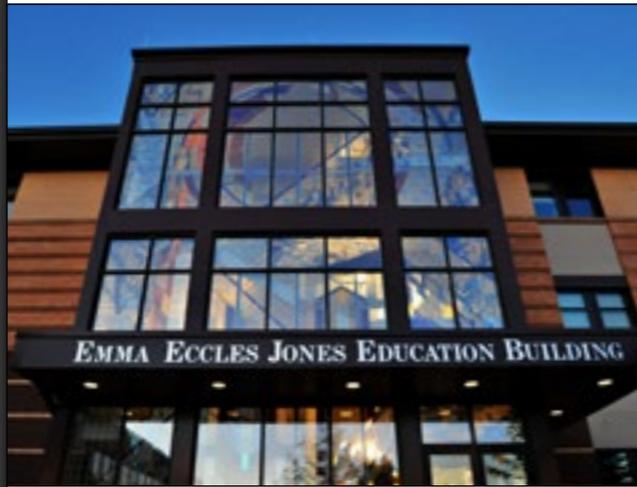
Publications and Presentations

Dr. Gerald Calvasina presented "Pay Secrecy: Legal and Policy Issues" at the Allied Academics Fall International Conference, Las Vegas, NV, 15-17 Oct, 2014. He also presented a variation of this paper at the SUU Festival of Excellence, April 7, 2015. On April 8, 2014, President Obama issued an Executive Order amending Executive Order 11246 of September 24, 1965 prohibiting federal contractors from retaliating against employees for disclosure of compensation information (Obama, 2014). Executive Order 11246 covers employees who work for service and supply contractors and construction companies covered by Office of Federal Contract Compliance Programs (OFCCP) regulations that apply to federal government contracts. The Executive Order was heralded by organizations like the National Women's Law Center as "an end to pay secrecy gag rules for employees of federal contractors" (Watson, 2014). It was characterized by others as "unnecessary" given long standing protection afforded to employees covered by the National Labor Relations Act (NLRA) (Smith, 2014, A). Pay secrecy has often been characterized as a "contentious" issue in many organizations and President Obama's recent executive order has rekindled the debate as to the utility of pay secrecy policies and rules in organizations. This paper examines recent legal, policy, and practice issues for employers covered by the National Labor Relations Act regarding the use of pay secrecy policies and, recommendations to reduce employer exposure to litigation.

Dr. Tyler F. Stillman, with Seth Gitter, Patrick J. Ewell, Rosanna E. Guadango, and Roy F. Baumeister, is publishing "Virtually Justifiable Homicide: Goal Context Influences the Effect of Violent Video Games on Aggressive Behavior" in *Aggressive Behavior*, 5, 846-854. Forthcoming.

Interim Dean: James Johnson

Website: <http://suu.edu/ed/>



Emma Eccles Jones Education Building
West Entrance

BEVERLY TAYLOR SORENSON COLLEGE OF EDUCATION & HUMAN DEVELOPMENT

Teacher Education & Family Development

Publications and Presentations

Professor Rea Gubler presented “Tablet Technology in Early Childhood” at the SUU Festival of Excellence, April 7, 2015. Tablet Technology in Early Childhood discussed the connection between young children and technology. A survey of Early Childhood professionals included questions about tablet technology use, value, availability and other appropriate content. Tablet use in Early Childhood is more prevalent than ever, thus requires proper and efficient integration and particular attention to selecting appropriate apps. Best practices and recommended apps were demonstrated and distributed. A list of recommended apps was distributed. The presentation suggests that a) Tablet technology is an important aspect of early childhood education; b) Selecting appropriate apps requires time and attention; c) The role of tablet technology needs to be kept in perspective of Developmentally Appropriate Practice.

Dr. Michiko Kobayashi presented “Students’ Attitudes Towards Mobile Learning and Mobile Device Usage in the U.S. and Israel Universities” at the SUU Festival of Excellence, April 7, 2015. Research on mobile learning has been a popular trend in the field of educational technology. The mobile ownership among university students has increased dramatically for the past couple of years. University faculty needs to alter the traditional teaching style to meet the needs of the mobile age students. The purpose of the study

College Highlights

The Beverly Taylor Sorenson College of Education and Human Development has appointed a new interim Dean, James Johnson. In addition, they are pioneering several Focused Interest Groups to help students better integrate their education with other disciplinary courses and to help them learn to apply theories to pedagogy (see the longer article in the Summer 2015 version of Summit).

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was to examine students' mobile usage behavior outside class as well as the relationship between academic mobile usage and mobile learning attitudes. Data were collected from 251 students in the U.S. and Israel universities. The results showed that in consistent with the traditional technology acceptance model, the mobile learning attitude was a strong predictor of students' academic mobile usage outside class. Several demographic factors were also significantly related to students' mobile usage patterns and attitudes.

Dr. James McCoy and **Professor Ray Brooks** presented "Similarities and Personality Differences between Practicing Teachers and Pre-Service Education Students" at the SUU Festival of Excellence, April 7, 2015. This presentation is a fascinating study of the similarities and differences in personality characteristics between practicing professional teachers and university students in education preparation programs. Using the Jung/Briggs Myers personality assessment instrument, researchers McCoy and Brooks have identified major personality characteristics in both study groups. These characteristics were then evaluated in terms of similarities and differences. This presentation will present the findings of the researchers and there possible implications for teacher preparation programs.

Dr. Lee Montgomery presented "Myths, Lies and Half-Truths Threaten Children and Undermine Public Education in Utah" at the SUU Festival of Excellence, April 7, 2015. This presentation lays bare mainstream myths, lies, and political half-truths that harm our children and threaten to destroy public education in Utah. It attempts to cut through the misinformation and obfuscation that surrounds high stakes testing, NCLB, Race to the Top, Common Core Standards, charter schools, on-line education, STEM, voucher systems, merit pay, and other important topics about which parents, teachers, and educational policy-makers should be deeply concerned.

Dr. Bart Reynolds acted as auditor for the Teacher Education Accreditation Council (TEAC) at Elmira College, NY, October 20-23, 2014. He also audited Cambridge College, NY, October 6-9, 2014.

Physical Education & Human Performance

Publications and Presentations

Dr. Abigail Larson presented "Potential of Fenugreek to Improve Blood Lipids: An SUU Pilot Study" at the SUU Festival of Excellence, April 7, 2015. Fenugreek is an herb commonly used for culinary purposes. It also has been used by Eastern cultures to treat a variety of acute and chronic health conditions. There is some evidence to support that fenugreek may improve blood glucose and blood lipids. The purpose of this pilot study was to explore the potential glucose and lipid lowering effects of fenugreek supplementation in a group of individuals with symptoms of the metabolic syndrome. Additionally this project was intended to engage students within the Department of Physical Education in the research process. Multiple student researchers facilitated participant recruitment and data collection. Although the study yielded ambiguous results it was an excellent platform for discussing research design and precipitated the creation of several new research endeavors.

Dr. Abigail Larson and **Mike Matheson** presented "Body Composition and Metabolic Health of SUU Football Players" at the SUU Festival of Excellence, April 7, 2015. American Football players almost universally have a body mass index (BMI) classified as either overweight or obese (>25 and >30, respectively). It is known that individuals with a BMI >25 are at greater risk of symptoms of the Metabolic Syndrome, such as impaired fasting glucose, dyslipidemia, hypertension, and abdominal obesity. However, physical activity and lean body



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Outdoor Recreation in Parks and Tourism students rafting down the Colorado River

composition should serve as a protective mechanism against these adverse consequences. It was the purpose of this study to examine BMI, body composition and potential risk factors associated with the Metabolic Syndrome in the SUU Football Team. We found that despite an average BMI of 29.2 +/- 4.6, there were no trends indicating presence of increased risk for Metabolic Syndrome.

Professor Jacob Manning presented "Exploring the Grand Canyon on the Colorado River" at the SUU Festival of Excellence, April 7, 2015, with Clint Jensen, David Whitmore, Christina Manning. For three straight years Outdoor Recreation in Parks and Tourism students have teamed up with ORPT faculty, the Outdoor Engagement Center, and SUU Outdoors to facilitate a trip deep into one of the world's Seven Natural Wonders by way of inflatable rafts. This presentation will highlight the adventure with beautiful images taken while on the trip. Come join us as we revisit this majestic river corridor.

Professor Jacob Manning presented "Using Hexoskin Wearable Technology to Obtain Body Metrics in a Trail Hiking Setting" at the SUU Festival of Excellence, with Tori Stone, Jeff Montes, Chase Lacombe, Damon McCune, Debra Kirsty Tacad, Mihaela Ciulei, John Young, James Navalta, Mark DeBeliso. For it's second year SUU's Physical Education and Human Performance Department and UNLV's Department of Kinesiology and Nutrition Sciences joined together to continue their trails research project. The focus of this year's project was to determine body metrics in two separate trail settings utilizing Hexoskin wearable technology.

Graduate Studies in Education

Publications and Presentations

Dr. Prent Klag presented "da Vinci's Diary: Seven Ways to Enhance Creativity, Inventiveness, and Problem Solving with Students" at the Utah Education Association Annual Convention, Salt Lake City, UT, 17 Oct. 2014. Leonardo da Vinci stands out as probably being the world's greatest genius. His accomplishments cross disciplines and have paved the way for many modern innovations. Da Vinci demonstrated seven principles that can contribute to the development of greater thinking skills, problem solving, and creativity in students. Over time, teachers who promote and utilize the development of the seven da Vincian principles can help their students sharpen their senses, enliven their sense of wonder, kindle creative ability, excite their imagination, activate talents and skills, challenge thinking, and vitalize learning.



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This interactive presentation provided teachers with ideas, activities, and resources to assist them in implementing the da Vinci principles in their classroom.

Dr. Prent Klag presented "Recruiting, Retaining, and Respecting Effective, High-Quality Teachers in Utah" at the Utah Association of Elementary School Principals Mid-Winter Conference, St. George, UT, 12 February 2015. The challenge for many school administrators in Utah is how they can successfully recruit and retain effective, high-quality teachers in order to establish a successful and well-functioning educational program. This challenge is not unique to Utah. Schools and school districts across the United States are struggling to find ways to constructively recruit and retain teachers. The purpose of this presentation was to explore viable options and solutions for recruiting, retaining and respecting teachers in Utah by presenting opportunities from which action can occur.

Dr. Tony Pellegrini presented "Standards, Practical Interventions, and Community Needs: Triangulating Factors in Meeting the Needs of our Community and Institution" at the Southern University Festival of Excellence, April 7, 2015. SUU's mission is "As Utah's designated public liberal arts and sciences university, SUU engages students in a personalized and rigorous experiential education, empowering them to be productive citizens, socially responsible leaders, high achievers and lifelong learners." The Leadership in Educational Administration and Development Program (LEAD) aligns its daily practice to this mission. Engaging Web 2.0 technologies inform it's statewide audience of educators, who desire to meet the ever-changing needs of 21st Century learners by preparing for their de facto leadership as school principals. These practical and technology-enhanced 21st century approaches will be addressed and demonstrated in this 30-minute presentation.

Dean: James McDonald

Website: <http://suu.edu/hss/>



Centrum Arena North Entrance

HSS Highlights

The HSS Hispanic Center hosted the Latinos in Action Conference for the second year. Over nine hundred students attended from Salt Lake Community College, Snow College and, and Dixie State University, High school students from from the southern Utah region attended. President Wyatt welcomed the students. Joaquin Zihuatenejo, an award winning poet, gave the keynote address. He told the students that they could do anything if they stayed in school.

COLLEGE OF HUMANITIES & SOCIAL SCIENCES

Communication

Publications and Presentations

Dr. Johnny Oh presented "Volunteerism is Not for You" at the Southern Utah University Festival of Excellence, April 7, 2015. In this presentation, Dr. Oh dispels some of the incorrect perceptions of volunteer work, and show how it can become an enlightening part of anyone's life. Volunteerism is not only for those who have an excess of money or time, or who are collecting service projects to build up their resume, in fact, it's not for you at all. It's for the others. He uses the example of his Taekwondo class (see "Projects" below) to illustrate his perception of service.

Dr. Johnny Oh presented "The Three Stooges: Cultural causes of academic bumbles for Korean international students" at the SUU Festival of Excellence, April 7, 2015. An enlightening, statistics-driven look at recent research done by the Asian Integration program at SUU. Three specific cultural factors - perception of hierarchy, academic expectations and co dependence - are examined for the effect they have on the success rate of Korean students studying in the U.S. Culture and identity are discussed, along with the surprising differences in expectations and perceptions that many U.S. and Korean citizens may not realize they have of each other. Through campus-wide surveys and interviews, this study provides a valuable look at what students truly think about themselves and each other, and provides a guide for increased intercultural competency that we can all apply. Presented from a uniquely insightful point of view, by a Korean native who knows from experience what it takes for an international student to pursue the American Dream.

Dr. Patricia Paystrup presented "Who are ALEC and the Kochs and How Do They Influence Utah Public Policies?" at the SUU Festival of Excellence, April 7, 2015. The American Legislative Exchange Council (ALEC) was a secretive group acting as a "dating service" for lawmakers and corporations. Exposed in 2012, ALEC has been losing corporate membership but still remains an influential "model bill mill" for state legislators. Utah's bill demanding the transfer of federal "public lands" to Utah's control by 12-31-2014, promoted by Rep. Ken Ivory and the organization he created, the American Lands Council, was a product of ALEC. Ivory's efforts to

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get more states to join his "lands transfer" cause is promoted through the ALEC network and supported by organizations like Americans for Prosperity, funded by Koch Industries. This presentation focused on the role these types of organizations play in sponsoring and funding state and local laws.

Projects

Dr. Johnny Oh has organized a community Taekwondo class (ongoing for the past three years) every Wednesday evening. Each week, he teaches a Taekwondo class to students ranging from 5-16 years of age, typically about 20-30 students. The proceeds for the class are donated to the Canyon Creek Women's Crisis Center. Students who attend the class are encouraged to do their own service for people in small ways. Each December, they have a class party where students, parents, and the general community are invited to learn more about the Crisis Center, celebrate the amount donated, and wrap Christmas presents to donate to the kids at the center.

English

Publications and Presentations

Dr. Lisa Arter presented "Children's Perceptions of Gender" at the Southwest Popular/American Culture Association Conference, at Albuquerque, NM, Feb. 2015. Presented a portion of dissertation research on gender and language; chaired the presentation panel; and mentored 7 SUU students who also presented at the conference. Dr. Arter presented a variation of this paper at the SUU Festival of Excellence, April 7, 2015.

Dr. Kyle Bishop published "L'émergence des Zombie Studies: comment les morts-vivants ont envahi le monde universitaire et pourquoi nous devrions nous en soucier." *Z pour Zombies*. Eds. Bernard Perron, Antonio Dominguez Leiva, and Samuel Archibald. Montreal: Presses de l'Université de Montréal, 2015. 31-44.

Dr. Kyle Bishop published "'I always wanted to see how the other half lives': The Contemporary Zombie as Seductive Proselyte." *The Zombie Renaissance in Popular Culture*. Laura Huber, Marcus Leaning, and Paul Manning, eds. London: Palsgrave Macmillan, 2015. 26-38.

Dr. Kyle Bishop presented "The Last of Us and Mycological Zombies: The Digital Evolution of the Walking Dead" at the SUU Festival of Excellence, April 7, 2015. Current zombie video games explore and develop original, more terrifying variants on the walking dead monster, and their increasing verisimilitude places gamers in more threatening and thrilling settings and scenarios. This emphasis on realism demonstrates the direction in which zombie narratives must evolve if they are going to survive as a subgenre and manifest the desires of gamers and zombie fans alike to experience a more plausible plague and apocalypse. *The Last of Us* (2013), created by Neil Druckmann for Naughty Dog, is a prime example of this new and dynamic zombie narrative, one featuring monsters whose very existence has close ties to the natural world. In addition to suturing gamers into a terrifying immersive experience based on verisimilar scenarios and paralyzing vulnerability, the apocalyptic creatures featured in this award-winning game represent a possible real-world manifestation of the zombie, a fantastic variation of the entomopathogenic fungus *Ophiocordyceps unilateralis*, whose spores infiltrate the brains of ants, take control of their motor functions, and force them to facilitate the fungus' reproductive cycle. A close look at the storyline, gameplay, and foes of *The Last of Us* demonstrates that while zombie films have understandably influenced video games, zombie video games are proving more apt to explore, develop, and evolve this still dynamic supernatural monster and its yet-to-be-exhausted narrative subgenre.



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Dr. Bryce Christensen delivered SUU's 2014 Distinguished Faculty Lecture, "Protecting the Magic: How Poetry Survives in a Scientific World," 4 September 2014, in the Great Hall of the Hunter Conference Center.

Dr. Bryce Christensen presented "Resisting 'Single Vision and Newton's Sleep'" at the Rocky Mountain Modern Language Association, Boise, ID, 11 Oct. 2014.

Dr. Bryce Christensen presented "Bridge or Canary? The Puzzling Case of Du Fu" at the SUU Festival of Excellence, April 7, 2015. Critic Martin Coles compares art to "a bridge over troubled waters." But an alternate view of art—particularly poetic art—comes from poet Galway Kinnell, who compares poetry to "the canary in the mine-shaft warning us of what's to come." These two metaphors point in opposite directions: the image of the Coles's bridge suggesting poetry's power to transcend and pass over conflict, the image of Kinnell's canary suggesting poetry's diagnostic vulnerability to such troubles. Curiously, the shifting fortunes of the poetry of the great 8th-century Chinese poet Du Fu illuminate the meaningfulness of both metaphors. On the one hand, for centuries Du Fu brought together readers of quite disparate political and aesthetic views. On the other hand, Du Fu was savagely attacked—even banned—during communist China's Cultural Revolution—only to be rehabilitated thereafter. A close look at the cultural dynamics of both what has allowed Du Fu's work to transcend ideological differences and what temporarily exposed that work to political censure offers surprising insights into the endangered status of poetry in contemporary America.

Dr. Julia Combs presented "Fountains of Love: the 'Lying-in' Mother as a Symbol of Authority in Early Modern England" at the Fourth Global Conference of Gender and Love at Mansfield College, Oxford, England, September 2014.

Dr. Julia Combs presented "The IRB and the Writing Center: Reimagining the Writing Center Through Tutor Research" [Roundtable Discussion] with Carol Mohrbacher, Tim Fountaine, and Lucie Mossu at the International Writing Center Association National Council of Peer Tutoring Conference. Orlando, Florida, October, 2014.

Dr. Julia Combs, with Ray Sahagun and Raymond Whittier, presented "All I Really Need to Know about Writing I Learned in the 4th Grade: University and 4th Grade Writing Buddies" at the Utah Campus Compact Biennial Engaged Faculty retreat, February 2015. This is a community engaged project in which Dr. Combs' students learned the writing process by explaining it to 4th graders and helping the elementary students write research papers.

Dr. Julia Combs presented "All I Really Need to Know about Writing I Learned in the 4th Grade: University and 4th Grade Writing Buddies" at the Southern Utah University Festival of Excellence, April 7, 2015. Wisdom is not at the top of the graduate school mountain. University students can learn a thing or two from a 4th grade writing buddy. This panel discusses a recent project that paired English 2010 students with a 4th grade class. University students helped 4th graders work through a research project that mirrored the university students' own projects, as well as pointed toward state common core standards. We encountered several bumps along the way, but we learned from them, and post project assessment, including student reflections, indicate that the project has tremendous potential, including potential grant money and students of all ages who understand the writing process better.

Dr. Danielle Dubrasky presented "Drift Migration" at the Southern Utah University Festival of Excellence, April 7, 2015. She read poems from a manuscript that won the 2006 Utah Arts Council First Place Prize for a book-length poem. This manuscript has also been a finalist for the White Pines Press Prize and a semi-finalist for the Backwaters Press Prize. The poems are a sequence that combines family history with references to the geology and history of Southern Utah, including Mountain Meadows. Dr. Dubrasky recently presented them at the 2015 Southwest Popular Culture Conference in Albuquerque.

Dr. Rosalyn Eves published "Finding Place to Speak: Sarah Winnemucca's Rhetorical Practices in Disciplinary Spaces," *Legacy* 31.1 (2014): 1-22.



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Dr. Rosalyn Eves sold a debut young adult fiction trilogy to Knopf books, a Random House imprint, for publication in 2016.

Professor Eric Morrow, Professor Jodi Corser, and Professor Nathan Price presented “Mindfulness and Student Engagement” at the SUU Festival of Excellence, April 7, 2015. In a 2005 commencement speech, the novelist David Foster Wallace noted “...the liberal-arts cliché about ‘teaching how to think’ is actually shorthand for a much deeper, more serious idea: ‘learning how to think’ really means learning how to exercise some control over how and what to think.” With Wallace’s claim in mind, how can college students not only think critically, but also develop an effective mindset and schema for thinking? Furthermore, how can freshman students overcome the inevitable challenges to their thinking abilities as they enter college—an array of problems that can contribute to high levels of stress and the loss of critical focus so important to strong academic engagement? This presentation explores some of the typical problems freshman students face as they enter the academy: distraction by electronic devices, writing anxiety, stresses due to the transition from high school to college, and boredom and frustration. Next, the presenters propose solutions based on the concept of mindfulness as it relates to Ken Bain, educator and author of *What the Best College Students Do*, and his ideas for effective college learning. Their hope is to offer freshman students in college, who are looking to better appreciate the issues that can detrimentally impact their ability to focus and concentrate in the classroom and encourage them to apply mindfulness-infused teaching strategies carefully aligned with Bain’s principles for effective learning in order to improve their ability to become more consistently on-task and engaged.

Professor Joy Sterrantino presented “Want to understand Shakespeare’s Plays? Read Comics” at the SUU Festival of Excellence, April 7, 2015. Graphic novels have just recently begun to be taken seriously in academia. However, for most people, the idea of Shakespeare’s plays being turned into comics is cringeworthy. There are manga versions of his work out there, but Sterrantino believes they are being underutilized. Originally, his works were designed to be watched by an audience that spoke his language, yet we insist on teaching Shakespeare by having students just read his works, which are not only complex but are in a language many now barely recognize as English. Adaptations that use modern English are helpful for interpreting the story but lose so much of the charm, cultural references, and nuances of the language of that period. However, comic versions that use the original early modern language along with illustrations are the perfect medium for modern audiences who are not expert in that period.

Professor Charla Strosser presented “A Study in Adaptation: Rediscovering Sherlock Holmes” at the SUU Festival of Excellence, April 7, 2015. Audiences are falling in love with Sherlock Holmes all over again. However, the BBC’s 2010 series *Sherlock*, the new CBS series *Elementary*, and the 2009 and 2011 feature films of Sherlock Holmes bear little resemblance to Arthur Conan Doyle’s creation of 1887: Sherlock is one of the most popular Masterpiece Mystery series in recent memory, Jonny Knoxville and Lucy Liu have put their own spin on Sherlock Holmes in *Elementary*, and Robert Downey Jr. has developed a whole new Holmes fan base that recognizes the character as a hard-drinking hard body. However, Holmes has become more anti-hero than hero, more misanthrope than mystery solver. In addition to these changes in the Holmes’ character, modern iterations of the story have integrated new approaches to both storytelling and character that would render these stories unrecognizable to their original audience. John Watson has become Jane Watson, and Sherlock communicates largely through text message. In their attempt to meet the needs of a modern audience, have modern adaptations lost sight of Sherlock Holmes or rediscovered him, and how will the character continue to change in new adaptations?

Projects

Dr. Lisa Arter participated in a Gubernatorial Task force, to review standards for the State of Utah, from October 2014-Jan 2015. The governor of Utah asked twelve professors (six math and six English language arts) to review the Utah State standards for K-12 education and write an



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official position recommendation from the higher education perspective.

Dr. Lisa Arter participated in Methods of Writing students mentoring 5th graders at East Elementary, in Cedar City, UT, Jan. 2015-Feb. 2015. In preparation for the SAGE test, English 2900 students partnered with Ms. Valerie Orton's 5th grade class to improve informative and argumentative writing skills. The class travelled to East Elementary each Wednesday for six weeks to work shop the 5th graders writing with 1-1 feedback or 2-1 feedback.

Awards

Dr. Danielle Dubrasky's chapbook "Ruin and Light" won the 2014 Anabiosis Press Chapbook Competition.

Foreign Language & Philosophy

Publications and Presentations

Dr. James Harrison presented "Nietzsche and Wagner: A Failed Friendship," at the Rocky Mountain Modern Language Association, Boise, ID, Oct. 2014. He also presented a version of this paper at the SUU Festival of Excellence, April 7, 2015. This paper discusses the very problematic relationship between the composer, Richard Wagner, and the much younger philosopher, Friedrich Nietzsche. The relationship commenced when Nietzsche took up teaching responsibilities in a town that allowed him to visit his idol, Wagner. In the beginning the relationship was one of hero worship on the part of Nietzsche and gratitude on the part of Wagner for Nietzsche's support. He felt that the Nietzsche's admiration added to his respectability as a cultural figure since Nietzsche was a very well educated linguist who had dedicated his first work, *The Birth of Tragedy*, to Wagner. However, over time, as Nietzsche found his own voice he began to disagree with Wagner on some key cultural issues and in the end became one of his greatest critics. Regardless of this, Nietzsche always credited Wagner with being a great composer and freely admitted the profound influence he had had on the philosopher. This relationship is a microcosm of the very sophisticated cultural currents present in late 19th century Europe which moved in many directions and created alliances and arguments at almost every turn.

Dr. Elise Leahy presented "Guiding Students towards Language Proficiency" at the SUU Festival of Excellence, April 7, 2015. Dr. Leahy reported on sessions of the Modern Language Association she attended in which new ideas and best practices for teaching towards language proficiency were presented. She also discussed national enrollment trends for foreign languages and some strategies for increasing numbers of students in language classes.

Dr. Todd Mack presented "Representations of Autism in Popular Television" at the SUU Festival of Excellence, April 7, 2015. Dr. Mack spoke about representations of autism in popular television. In this entertaining, interactive, and informative presentation he highlights how shows like *Parenthood*, *The Middle*, *The Big Bang Theory*, *Bones*, and others can help us see autism from different angles -- the angle of the parent, the angle of the person with autism, and the angle of the neurotypical outsider. In seeing how autism affects other people, and in thinking about how other people work through the challenges associated with autism, viewers are also given the chance to reflect on how autism is affecting them and how they themselves are working through it. We are all aware that autism is being represented with increasing frequency in the media. In this presentation, Dr. Mack provided tools that will help people learn from and get the most out of the shows they quite possibly already watch.



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Dr. Rosa A. Perez presented "Le Témoignage de Brigitte Benkemoun: Une mémoire recomposée" at the SUU Festival of Excellence, April 7, 2015. In this paper, Dr. Perez examines the theme « witness in absentia » in Brigitte Benkemoun's novel *La Petite Fille sur la Photo*. This theme is recurrent in numerous novels written by French Jews, born in colonial Algeria, too young to have any memories of their own of the trauma caused by the exile and repatriation in France in 1962.

Dr. Kristopher Phillips presented "Yet Another Paper on Descartes's Argument for Mind-Body Dualism" at the Intermountain Philosophy Conference, Utah State University, Logan, UT, November 2014. This paper argues that the way people have understood Descartes's argument for mind-body dualism is at best incomplete, and at worst plainly wrong. Beyond being philosophically and historically interesting, the misinterpretation of the Cartesian argument for the separability of mind and body has led scholars, both in the humanities and in the sciences, to misunderstand the value that both seemingly disparate fields have with regard to one another. This paper argues that the proper interpretation of the Cartesian argument is both more nuanced (and thus more philosophically interesting), and much more closely related to anatomy and physiology than scholars have realized (thus more interesting in an interdisciplinary sense). Dr. Phillips presented a version of this paper at the SUU Festival of Excellence, April 7, 2015.

Dr. Kristopher Phillips, Dr. Alexandra Perkins (Spanish), and Coston Perkins (SWATC) published "Providing Context to Tattoos" in the *Iron County Today*. Though this piece was not formal academic scholarship, it was a response for the greater community in an attempt to rebuff some of the misunderstandings about tattoos perpetuated by a serial columnist for the ICT.

Dr. Kristopher Phillips presented a variation of "Yet another Paper on Descartes' Argument for Mind-Body dualism" at the Midsouth Philosophy conference in Memphis, in March 2015. He also commented on Dr. Bruce Dutra's "The Missing Shade of Blue: Hume's Mistake" at the same conference.

Dr. Iliana Portaro has a chapter, "En búsqueda de noticias: las estrategias periodísticas de Ángela Ramos y la cuestión del salario" forthcoming in *La crónica latinoamericana (1930-1970)*. Textos críticos, Ed. Marcela Aguilar, Claudia Darrigrandi, et al. Santiago (Chile): Universidad Adolfo Ibáñez.

Projects

Dean Jim McDonald (HSS), **Dr. Kirk Fitzpatrick**, **Dr. Kristopher Phillips**, **Dr. Grant Corser** (Psychology), **Dr. Elise Leahy** (French) and several students from the philosophy club hosted the first SUU undergraduate philosophy conference, which was held in GC 109, on 7 Feb. 2015. This was a huge undertaking, and valuable for both the students and the broader community. They invited Dr. Kari Theurer, from Trinity College (CT) to give the keynote address, and had students from the University of Utah, Weber State, and SUU present papers. Students from SUU prepared and presented commentary for the papers which were presented, which helped guide the Q&A, and helps the authors refine their work.

SUU Philosophy Club Presents:
**First Annual Undergraduate
 Philosophy Conference**

Keynote Address: *The Mechanisms of Psychiatric
 Disorder: Hope for a Unified Science of Mind and
 Brain?*
 Dr. Kari Theurer
 Trinity College, Department of Philosophy

February 7th
 109 General Classrooms
 meet and greet at
 9:30am



suuphilosophy@gmail.com

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SUU UTAH STATE UNIVERSITY



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History , Sociology , Anthropology

Publications and Presentations

Dr. Kholoud Al-Qubbaj presented "Minorities of the Arab World" at the SUU Festival of Excellence, April 7, 2015. Three hundred millions of Arabs in twenty two different countries rich in diversity and heritage. For a better understanding of these people, a PowerPoint Presentation of the minorities of the Arab world, explained the diversities of the Arabs in: Countries, cultures, traditions, religions, and languages.

Dr. Shobha Hamal Gurung published "Realities and Fluidities of race, class, and gender: Different places, times, and contexts" in the Routledge International Handbook of Race, Class and Gender, July 2014.

Dr. David Lunt presented "Remembering an Iron County Hero: The Afterlife of Alma Richards" at the SUU Festival of Excellence, April 7, 2015. Alma Richards was born in the small town of Parowan, Utah in 1890. When he died in Southern California in 1963, Richards had been celebrated as one of the greatest athletes produced by the state of Utah, as an example of Mormon piety, and as an emblem of American patriotism and determination. Richards was an accomplished track-and-field athlete, but it was his victory in the High Jump in the 1912 Olympic Games in Sweden that brought him so much posthumous acclaim. In the late 20th century, Richards acquired new fame as his story resurfaced in conjunction with Utah's preparations to host the 2002 Olympic Winter Games. Several communities recognized Richards' achievements and claimed him as one of their own. Richards' hometown in Parowan, Utah; his high school, college, law school; and members of his religious community, the LDS or Mormon Church, have all capitalized on Richards' memory in associating themselves with his athletic achievements, most notably Olympic gold. These various communities emphasized their own connections to the athlete in constructing the narrative - and mythology - of the great Alma Richards. The collective memories of these groups act as self-portraits intended to emphasize the groups' defining features and to emphasize the permanence of these features. Richards' life is well documented, and the various communities that claim Richards focus on different aspects of his life. Depending on the community, Richards is remembered as a devout Mormon, an accomplished collegian, and a hometown hero.

Dr. Earl Mulderink presented "Veterans Day and World War One Commemorations," an invited presentation to the Cedar City Rotary Club, November 2014. He offered a multimedia presentation that commemorated the 100th anniversary of the start of World War I, discussed American involvement in winning the war, and the evolution of Veterans Day in the United States.

Dr. Michelle Orihel presented "The Kentucky Democratic Society and the Geography of Political Opposition in the Early Republic" at the meeting of the Front Range Early Americanist Consortium, Salt Lake City, UT, October 2014. This presentation was part of Dr. Orihel's larger book project which examines the first opposition movement to the national government that formed in American history. Dr. Orihel presented a version of this paper at the SUU Festival of Excellence, April 7, 2015.

Dr. Andrew Van Alstyne presented "Changing Water Governance in the US" at the Southern Utah University Festival of Excellence, April 7, 2015. Drawing on a historical examination of water remediation activities in the Detroit River region of the Great Lakes, Dr. Van Alstyne analyzed changes in governance approaches over the past 40 years. His presentation explored how these changes have affected environmental remediation efforts and democratic outcomes in environmental governance. It concluded public involvement in the Detroit River resulted in a democratic paradox: a narrower band of civil society has assumed a more central role in governance.



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Awards

Dr. Mark Edwin Miller's book, *Claiming Tribal Identity: The Five Tribes and the Politics of Federal Acknowledgment* (Norman: U of Oklahoma P) was selected for inclusion in Choice's annual outstanding Academic Title list for 2014. In giving the award, Choice notes that less than 3% of more than 25,000 titles submitted for review were named to this award. The book was also a finalist for the Native American and Indigenous Studies Association Best Subsequent Book Award for 2013.

Political Science & Criminal Justice

Publications and Presentations

Dr. Angela Pool-Funai and Corey Carbonara (Baylor) presented "Political and Economic Activity within Virtual Worlds" presented virtually via Second Life (digital platform), September 4, 2014. In light of recent scandals concerning the virtual currency Bitcoin, this presentation addressed real-money trading, virtual economies, and tax policy.

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. Angela Pool-Funai presented "What's the Big Deal about Bitcoin?" at the SUU Festival of Excellence, April 7, 2015. Digital currencies such as Bitcoin mirror their financial counterparts in the real world economy, so much so that scandals involving questionable Bitcoin transactions have caught the attention of policy makers, bringing virtual economies under increasing scrutiny. Akin to a savings account at a brick-and-mortar bank, currencies like Bitcoin are, in essence, another form of money. Bitcoin has no single authority or point of oversight, such as traditional banking institutions for currencies around the world. Bitcoin exists neither in virtual worlds nor in a safe deposit box at the local bank; rather, the money is comprised of computer programming language, as its namesake suggests.

Although the nature of Bitcoin is elusive, this digital treasure trove has already sparked controversy with federal investigators. In early October 2013, the FBI seized \$3.3 million worth of Bitcoins in a cyber-black market drug bust dubbed "Silk Road" and charged one individual with money laundering, hacking and drug trafficking. Given the negative attention surrounding the Silk Road bust and other recent Bitcoin related controversies, what are we to make of this digital currency from a public policy and administration perspective?

Dr. G. Michael Stathis presented "ISIS and the Middle East" at the SUU Festival of Excellence, April 2015. The rise of ISIS (ISIL or even ISL) the so-called Islamic State of Syria, Iraq, and the Levant or, more recently, simply the Islamic State led by Abu Bakr al-Baghdadi, the self-proclaimed caliph of Sunni Islam, has given rise to the latest political storm in the Middle East, one that threatens to sweep up Syria and Iraq to be certain, and one that will likely draw in a number of other local states including Turkey, and many of the Arab states in the Persian Gulf; it has already drawn in the United States, the United Kingdom and other NATO allies, and has the attention of the government of the Islamic Republic of Iran. It has become more than a simple part of the civil conflict directed at the regime of Bashir al-Assad in Syria, it could well assume the proportion of another regional war in the area, a fourth gulf war since 1980. But unlike earlier gulf wars, the prospects for this conflict could prove catastrophic far beyond the borders of one or two countries in the region, and could well produce a new map of the Middle East before it is done.



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Psychology

Publications and Presentations

Dr. Grant Corser and **Professor Matthew Schmidt** (Nutrition) presented "Because She's on the Track Teams, She's not Fat, Unhealthy, Lazy, etc.: A Social Cognitive Bias in Health-Related Person Perception Evaluations of a Female" at the SUU Festival of Excellence, April 7, 2015. After viewing a female photo, participants made evaluative judgments about her health-related and behavioral attributes. Participants viewed what appeared to be an obese, average or thin sized female. Photos labeled the female as an athlete, college student, or diseased. Results demonstrated a bias according to labeled social-cognitive information.

Dr. Bradley Gregory presented "Academic Entitlement among Undergraduate Students" at the Eastern Education Research conference, in Sarasota, FL, February 2015. This study identifies individual-level behavioral, psychological, and demographic variables that predict academic entitlement in current undergraduate students as assessed by a validated measure of academic entitlement.

Dr. David Schwalb and Barbara J. Schwalb published "Fathering Diversity within Societies," in L.A. Jensen's Oxford Handbook of Human Development and Culture: An Interdisciplinary Perspective, New York: Oxford UP, 2015. 602-617.

Dr. David Schwalb presented "Fathering in the U.K., USA, Scandinavia, & Australia" at the SUU Festival of Excellence, April 7, 2015. This talk discussed and compared fathers' roles, and sources of diversity in fathering, within and between the U.K., United States, three Scandinavian countries, and Australia. The influence of geography, history, family characteristics, economics, employment/work conditions, economics, cultural norms/values/beliefs, immigration, and ethnicity within each of these four locations were shown to contribute to diversity in fathers, parenting, and social policies related to family life.

Dr. Garrett Strosser presented "The Role of the Subjective Norm in Attitude Expression and Behavioral Intentions Towards Atheists and Religious Believers" at the SUU Festival of Excellence, April 7, 2015. Across three studies, we assessed the impact of perceived subjective norms on reported attitudes and behavioral intentions towards atheists and religious believers. Reported attitudes, reported acceptability of expressing positive and negative attitudes, and reported behavioral intentions disproportionately favored religious believers over atheists. Estimates of the prevalence of religious believers in the population also tied directly to one's perception of the acceptability of expressing positive and negative attitudes towards these groups. Finally, in an experimental manipulation we found that behavioral intentions towards atheists were more positive when the threat of public scrutiny was limited. These results indicate that the subjective norm in the U.S. may be suppressing privately held, positive attitudes that would otherwise support atheists. The results are explained in terms of pluralistic ignorance whereby individuals systematically misperceive the attitudes of others relative to their own attitudes.

Dean: Shauna Mendini

Website: <http://suu.edu/pva/>



South Hall West Entrance

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Art & Design

Publications and Presentations

Professor Rheana Gardner and her students presented a large-scale cyanotype at the SUU Festival of Excellence. SUU Students and Festival of Excellence visitors were invited to participate in SUU's live art performance creating large-scale cyanotypes. The large-scale cyanotypes were created by having participants lie on top of the print while it is exposed to sunlight and then developing the print together in water. The resulting print was donated to a local arts community center. The cyanotype process was invented by the astronomer and chemist John Frederick William Herschel and featured in his paper "On the Action of the Rays of the Solar Spectrum on Vegetable Colours and on Some New Photographic Processes," which was presented to the Royal Society of London on June 16, 1842. The name cyanotype was derived from the Greek name cyan, meaning "dark-blue impression." The general principle of the cyanotype process is the photochemical reduction of iron (III) salts to iron (II) salt that reacts with potassium ferricyanide (red prussiate of iron), forming an intensely blue complex. The overarching aim of our "art performance" is to provide a deeper understanding of the way light energy can induce a chemical reaction within photosensitive emulsions to produce works of man-made creativity and imagination.

Professor Jessica Gerlach presented "Parallel Play: Art, Design and Environmental Science Collaborations" at the Southern Utah University Festival of Excellence, April 7, 2015. As a designer and illustrator, Professor Gerlach is interested in the possibilities of visual communications as a means of creating a visual dialog on issues of social, political, and environmental relevance. This presentation showcased one of her design projects, which demonstrates the intersection of design and environmental science. She also presented examples of how collaborative efforts between design and science students can be a unique approach to problem identification and understanding.

Dr. Andrew Marvick presented: "'Un trou dans la filière': planéité et l'anxiété aux marges de la forme symboliste" ("A Gap in the Series': Flatness and Anxiety at the Margins of Symbolist Form") at the Université de la Sorbonne IV, Paris, as part of the Art, Literature, and Music in Symbolism and Decadence (ALMSD, an affiliate of College Art Association [CAA]), "Angst

CPVA Highlights

Professor Deborah K. Snider received two prestigious educator awards this year: the Pacific Region Higher Education Art Educator of the Year from the National Art Education Association, and the Utah Art Education Association award for Higher Education Art Educator of the Year.

The College of Performing and Visual arts put on Fiddler on the Roof, February 23-March 2, 2015, the first major collaboration of theater, music, and dance in a CPVA stage performance.

Visiting professor **Xiling Yuan**

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from Northwest University in Xi'an, China, has been working on campus during the 2014-15 academic year, studying Helen Foster Snow. She presented some of her research at the SUU festival of Excellence, in her presentation, "Helen Foster Snow: A Great Cedar City Native."

in the Symbolist Movement" in June 2015. Research on the question whether a formal language of anxiety, isolation or alienation developed within Symbolist art during the last years of the 19th century; the paper is emblematic of a larger effort to demonstrate the continuing utility of formal analysis in art history.

Dr. Andrew Marvick presented "Atalanta's Sisters: The Sisters of Atalanta in Fin-de-Siècle Art" at the SUU Festival of Excellence, April 7, 2015. Symbolist and Decadent artists were instrumental in the development of the formal modernism which succeeded the highpoint of the Symbolist movement at the beginning of the 20th century. In this presentation, Dr. Marvick's more specific argument is that, so long as one accepts a catholic definition of the classical ideal, Symbolist artists (and others whose work may be linked with theirs on thematic or stylistic grounds) – chief among them the British illustrator Aubrey Vincent Beardsley – introduced into their classical subjects features of the real, tinged them with personal aesthetic preferences, and created from them a formal distortion of the ideal which may be seen as a precedent for formalist abstractions over the succeeding years.

Professor Jungyun Son presented "Color Communication in Varied Cultures" at the SUU Festival of Excellence, April 7, 2015. This poster presented the importance of color interpretation and its usage in different culture and present ways to achieve successful and effective visual communication with audience.

Professor Deborah K. Snider presented "An Unsuspecting Arts Leader: The Form and Function of Leadership," a Best Practices lecture at the March 2015 National Art Education Association Convention in New Orleans, LA.

Professor Deborah K. Snider presented "Design Yourself: The Genius of Excellence" at the February 2015 Utah Art Education Association Conference in Hurricane, UT, February 2015.

Professor Deborah K. Snider and Pamela Childers are editing a special issue of The Clearing House (Middle and High School Educational Research journal), titled "Drawing from Within: The Arts and Animated Learning." Manuscripts for this issue will focus on the essential contribution of the Arts as core curricula to whole-child development in secondary school environments. Publication in May 2016.

Professor Deborah K. Snider presented "Design Yourself! The Genius of Excellence" at the SUU Festival of Excellence, April 7, 2015. Details count when we present ourselves to others. We'll explore a checklist of personal presentation qualities that elevate our competitive edge in the educational arena. Excellence is an attitude that permeates everything we say and do!



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Projects and Exhibitions

Professor Eric Brown exhibited "Drawing with Value and Color" at the SUU Festival of Excellence, April 7, 2015. Value and color are two of the most fundamental artistic elements. They are the focus of Drawing II. In these drawings by two Drawing II classes, students demonstrate a logical development of the use of; first, value, and then color. Charles Bargues' Nineteenth Century drawing course is the starting point with master copies, then drawings from plaster casts of classical statuary, and then drawing from a live model. Still life, landscape, architectural rendering, and animal studies are added with a progression from black and white, to a limited palette, to full color.

Professor Brian Hoover exhibited "Brian Hoover—A Feast of Dreams" at the Coos Art Museum, Coos Bay, OR, April 24-June 27th, a solo exhibit. During Fall 2014, Dr. Hoover was granted a sabbatical to prepare for the exhibit.

Professor Brian Hoover participated in the "Southern Utah Printmaker's Exhibition" in Springdale, UT, November 18-December 29, 2015.

Professor Susan Harris was invited to exhibit her newest, ornate ceramic works in an exhibition titled "Palace Vessels," held in the Ocher Court Library of Salve Regina University in Newport, RI, during the 49th annual Conference of the National Council on Education for the Ceramic Arts from March 20-April 3, 2015.

Professor Susan Harris exhibited ceramic work alongside her students at the SUU Festival of Excellence, April 7, 2015. A display of current three dimensional ceramic art, same as in past years, reflecting artistic research completed this semester. It included vessel forms, sculpture and comprise various firing methods and technologies.

Dr. Andrew Marvick exhibited Ancient Hues at the gallery GALA, Cedar City's new abstract art gallery. The exhibit ran August 17-October 29. This gallery is unique in the state of Utah in that it a) concentrates exclusively on abstract and non-representational contemporary art and b) is meticulously curated by Dries Bredenkamp, who has years of international experience in art and business. For this exhibit, Dr. Marvick painted 38 canvases ranging from 20x20 inches to 4x6 feet, as well as a collection of about 75 smaller works.

Professor JungYun Son exhibited "Port of San Francisco" at the International Exchange Exhibit and Academic Seminar organized by Suzhou University of Fine Arts, China, in January 2015.

Professor Russell Wrangle exhibited some of his ceramics alongside students at the SUU Festival of Excellence, April 7, 2015. His current interest deals with the relationship between sculpture and literature. He is investigating ways in which the additive and subtractive nature of writing relates to the same process as sculpture making. Additionally, he is investigating connections between the visual arts and the literary arts. Do they both create a psychological impact on the audience through similar cognitive channels? Both the visual arts and literary arts have the task of getting into the minds of people. The literary arts are ephemeral, they work when they get into the minds of readers and are then decoded. The visual arts and sculpture deals with materiality and surface. Are there more barriers to accessing the metaphorical minds and consciousness of the viewer when one deals with material? As a visual artist, he is curious whether the same narrative and storytelling rules apply to both.

He tells visual stories with the use of animal imagery. In his work he wrestles with existential questions of life and death through the symbolism of the body and various animals. His intensely saturated ceramic figures represent the decadence of worldly pleasures, a vibrant



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source of energy that is antithetical to death and dying. It is through embracing life and living that the pull of death and suffering is kept at a distance. Like Aesop's Fables, animals such as dogs, rabbits, crabs, monkeys and frogs provide a vehicle to express the human condition. Animal imagery is the beginning of a deeper understanding of humanity.

Awards

Professor Brian Hoover will serve as an adjudicator for the annual Expressions West, a thirteen western states painting competition.

Professor Deborah K. Snider was awarded the "Pacific Region Higher Education Art Educator of the Year" from the National Art Education Association. The award was presented at the national convention in New Orleans, in March 2015.

Professor Deborah K. Snider was presented the Utah Art Education Association award for "Higher Education Art Educator of the Year." The award was presented at the state conference in Hurricane, UT, February 2015.

Music

Publications , Presentations and Performances

Dr. Keith Bradshaw, Dr. Lynn Vartan and Dr. Xun Sun presented "Beating our drums in China" at the SUU Festival of Excellence, April 7, 2015. In May, 4 faculty and 4 students traveled to Wuhan, China to perform with the Hubei Symphony. Canyon Concert, composed by Dr. Keith Bradshaw, was performed by Dr. Lynn Vartan, percussionist, and the Hubei Symphony, with Dr. Xun Sun conducting. 4 of our percussion students played in the orchestra as well. The faculty discussed the success of this trip and held a small performance.

Dr. Lynn Vartan performed with Pulitzer Prize Nominee Wadada Leo Smith in Los Angeles, September 2014. She presented an evening of avant-garde jazz with trumpeter Wadada Leo Smith and the Golden Quartet and the Pacific Red Coral Ensemble as part of the Angel City Jazz Festival.

Dr. Lynn Vartan presented for Marimba One at Percussive Arts Society International Percussion Festival, November 2014, in Indianapolis, IN. Professor Vartan took students and was an artist in the booth for Marimba One at this international festival.

Dr. Lynn Vartan performed at UC San Diego with The Golden Quartet and Wadada Leo Smith, in January 2015. A full evening of jazz and video film about the Civil Rights Movement.

Dr. Lynn Vartan performed a masterclass at Cal State University, Northridge, January 2015. She was a guest artist and performer for a full day Percussion Event. She performed a similar masterclass at Cal State University, Fresno, also in January. In March, she presented a masterclass and workshop to Cal State University, Long Beach.

Dr. Lynn Vartan toured with the percussion group Tala Rasa, March 2015, in Los Angeles.

Professor Carol Ann Modesitt and Dr. William van Schalwyk directed the SUU Opera, which received 3rd prize in Division I for the National Opera Association's Video Production competition at the banquet for its Production of "Speed Dating Tonight" by Michael Ching. The conference was held in January, 2015, in Greensboro North Carolina.



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Projects

Dr. Lawrence Johnson was music director and conductor for *Fiddler on the Roof*, in the Randall Jones Theater, Cedar City, UT, February 23-March 2, 2015. This was the first major collaboration of theater, music, and dance in a CPVA stage performance, and involving the SUU orchestra, which Dr. Lawrence conducted in rehearsals and performance.

Dr. Christian Bohnenstengel and Mary Ann Anderson presented a Piano Monster Concert—Halloween edition at the Heritage Center Theater, in Cedar City UT, October 2014. The Piano Monster Concert brought together musicians from all walks of life to rehearse and perform piano ensemble music on nine grand pianos. More than one hundred and forty children, students, teachers and adults participated in the Halloween-themed event. Special guests included the Southern Utah Children's Choir and the piano faculty from Dixie State University. Unlike singers in choir or instrumentalists in band, piano students are not commonly part of a group. However, playing and rehearsing as a group helps to develop many necessary skills, both musical and social. The opportunity to perform in costume and as part of a group also eases the pressure of a public performance. Hearing and seeing older students and groups like the SUU Piano Ensemble or professional artists perform is an inspiration for students. Our piano majors were heavily involved in leading ensembles, performing, interacting with parents/students, arranging music, providing reception music, etc. All of these activities provided them with invaluable, real life learning experiences. The event brought together students and teachers from all of Southern Utah. It required an incredible amount of dedication from many individuals, from teachers to students to parents.

Theatre Arts and Dance

Publications and Presentations

Professor Brian Swanson presented "Current Production Practices of Rep Platforming" at the SUU Festival of Excellence, April 7, 2015. An overview of the current best practices in construction and use of repertory decking within both regional theatre and commercial event production. Discussion will center on the creation, install and load-out of decking and platforming for productions with limited turnaround time. Factors such as day-to-day function, impact on crew needs and the various trade-offs of each solution will be discussed. This was originally presented as part of the national USITT Conference in March 2014.

Professor Denise Purvis presented "Integrating the Arts in the Elementary Classroom - A Working Model" at the SUU Festival of Excellence, April 7, 2015. Denise Purvis shares a practical approach to integrating the arts with math, science and language arts. Exploring her recent work with elementary educators in Iron and Washington Counties, Purvis offers participants successful field-tested lesson plans. This presentation will interest all education and arts education majors and professors.

Projects

Dr. Keith Bradshaw and **Professor Peter Sham** are currently working on a musical based on the Mountain Meadows Massacre.

Professor Denise Purvis presented "Arts*Lab—Collaboration, Integration, Community and the Common Core" at the National Dance Education Organization annual conference in Chicago, November 2014. Education is increasingly focused on experiential and integrated learning. Arts*Lab illustrates successful methodology in both arenas, with a strong focus on community service. Conceived by Denise Purvis



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and developed through collaboration with Michael Bahr and Alisa Petersen, Arts*Lab is an integrated-arts workshop offered four times each year to children in and around Cedar City, UT. Participants ages 3-11 experience high quality classes in art, dance, and theatre, designed and implemented by elementary education and arts education majors at Southern Utah University. Those who attended the paper presentation explored Arts*Lab's foundation in experiential education and its success in facilitating pre-service educators' understanding of the relevancy of arts education in the elementary classroom. This program is a highly successful example of faculty and students collaborating to provide a population with a high-quality arts experience while focusing on the common core.

Arts Administration Graduate Programs

Publications and Presentations

Professor Rachel Bishop presented "The Cumulative Apologia: Curriculum Integration and Program Evaluation" at the SUU Festival of Excellence, April 7, 2015. The annual conference of the Association of Arts Administration Educators in Montreal, Quebec, posed the following questions: Are we afraid of change? How can we move national arts administration education forward without hesitation or attachment to the way things are? As our disciplines, communication methods, and financial models all undergo massive shifts, how will we as educators respond? "The Cumulative Apologia: Curriculum Integration and Program Evaluation" addresses how the Arts Administration program at Southern Utah University has responded to such change in moving from a capstone report model to a cumulative apologia, or electronic portfolio. The presentation will outline how the apologia, the work the student defends to earn a Master of Fine Arts degree, can be used not only for student evaluation, but for an assessment of the goals and learning outcomes of a program as a whole.

Professor Bill Byrnes' book, *Management and the Arts*, has gone into a fifth edition, which was published by Focal Press and Taylor & Francis in September 2014. Dr. Byrnes also created a companion website for the book which can be found at www.managementandthearts.com/5e/. The fourth edition has been translated into Chinese and Korean, and was published by China Theater Press in January, and Random House Korea in February. Russian and Japanese Translations are in the works.

Professor Bill Byrnes did a book signing for the 5th edition of his book *Management and the Arts* at the Duke Energy Center, March 19, 2015, Cincinnati, OH in conjunction USITT Annual Conference and Stage Expo.

Professor Bill Byrnes was a visiting faculty member at the LaSalle College of the Arts in Singapore, September 8-12, 2014. He lectured and presented on arts planning, leadership, and management. He was also the featured speaker on the College's Interaction Series, where he presented on "Arts Organizations and the Strategy of Diversification."

Professor Bill Byrnes was a guest speaker at the University of Alabama's Department of Theatre & Dance Feb. 19 and 20, 2015. His presentations included *Innovative Practices by Art Organization and Leadership and Organizational Management in the Arts*. He also mentored and advised student in the MFA Theatre Management program on career development, resumes, and cover letters.

Dean: Robert Eves

Website: <http://suu.edu/cose/>



SUU Science Building

College Highlights

With the assistance of several private donors, the Walter Maxwell Gibson College of Science and Engineering (WMG COSE) has just completed construction of the Kenneth L. Cannon Indoor Riding Arena. Located at the SUU Valley Farm, this facility has been in the planning stages for over five years and has finally come to fruition. Students taking courses associated with the Equine Studies program have had to endure some harsh weather conditions in the late fall and winter months. The new facility will make things more enjoyable for not only the students and faculty, but also for the horses! A celebration event to commemorate the opening was held on Thursday, March 19 in conjunction with Founder's Week.

WALTER MAXWELL GIBSON COLLEGE OF SCIENCE AND ENGINEERING

Agriculture and Nutrition

Publications and Presentations

Professor Nica Clark presented "A Review of the Workshop, 'Molly Kellogg's Counseling Intensive' held in Dallas, TX June 6-7, 2014" at the SUU Festival of Excellence, April 7, 2015. Motivational Interviewing (MI) is a newly emerging counseling technique that promotes health-related behavior change in a variety of risk areas including addiction recovery, weight management, diabetes treatment compliance, medication adherence, etc. MI is different from traditional behavioral-change counseling strategies. It focuses on helping clients recognize and engage their personal intrinsic motivation to stimulate changes in behavior. In MI, the counselor and client form a collaborative partnership to better understand and address personal ambivalence toward behavior change. Molly Kellogg, RD, LCSW, is an MI trainer. Participants in her workshop learn and apply foundational skills in MI including asking open questions, affirming and reflecting on client responses, and summarizing client ideas. Once these skills are mastered, Molly teaches advanced skills such as understanding importance of and confidence in client change, listening for and engaging the client in change talk, and "rolling with client resistance." Through this process, nutrition professionals learn to guide clients safely through an evaluation of their personal desires to change, and then assist these clients in setting goals to move forward in more health-conscious behaviors. Benefits of attending the workshop included an improved ability to utilize MI to increase motivation among SUU students as well as an improved ability to teach these concepts in class.

Professor Artis Grady presented "Body Image Among Female Collegiate Athletes at Southern Utah University" at the SUU Festival of Excellence, April 7, 2015. Research indicates that collegiate athletes may be at risk of developing disordered/distorted eating and other behaviors. This may be due to the aesthetic/performance demands of their sports. The purpose of this study is to discover if female athletes acquire increased negative views towards their body image and food due to the pressures of being a collegiate athlete at

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WMG COSE has had some personnel changes in the College. Retiring faculty (Brent Sorenson, Physics; and Cynthia Wright, Human Nutrition) and three faculty members leaving to accept new positions, has necessitated replacement faculty hires. In addition to these departures, student enrollment for many majors within the WMG COSE has stayed steady or grown. Many of the high demand classes are full and have waiting lists. In response to this, the WMG COSE has been given some new faculty lines: one each in chemistry and biology.

SUU has established a Science, Technology, Engineering and Mathematics (STEM) Center on its campus. Dean Robert Eves recently named Dr. William Heyborne Director of the STEM Center. A portion of Dr. Heyborne's new responsibilities include; oversight of the Southern Utah Science and Engineering Fair, directing the Voyager (mobile science lab) program, managing SUU's involvement in First LEGO League and Science Olympiad competitions, responsibility for STEM education outreach programs like the SUU Animal Ambassadors, and seeking Center funding through legislative proposals, grants and/or private donors. Dr. Heyborne has shown a longstanding commitment to STEM education and we are confident in his leadership and commitment.

Thanks to our continuing partnership with Intermountain Health Care (IHC), SUU Nursing has again been able to increase their admissions in the pre-licensure BSN program from 20 per semester to 30! We admitted the first class of 30, spring of 2015, and we have selected a 30-member cohort that will start this fall. Our Nursing

Southern Utah University (SUU). An anonymous survey was given to 168 female athletes participating in 12 sports inquiring about body perception and eating behaviors relative to their athletic involvement. The survey inquired about their perception of food, eating disorders, behaviors associated with eating, concern for weight loss/gain, satisfaction with body image/composition, self reported weight/height, and perception of how their teammates/coaches view weight. Athletic teams involved in the survey include tennis, volleyball, track/field, cross country, softball, basketball, gymnastics, soccer, golf, modern dance, ballroom dance and cheer. Forty-eight percent of the athletes surveyed indicated they felt pressure to look a certain way in their sport. Sixty percent indicated an optimal weight lower than their current weight, while 9% desired weight gain. Sixteen percent had been asked by a collegiate coach to lose weight or drop body fat to improve performance. These were the desired weight changes, despite being at a healthy mean BMI of 22.5 (+/- 3.5). There was no significant difference found between teams relative to weight issues and body satisfaction. Overall, these athletes have some insecurity about their weight/body image, but generally have a positive relationship with food behaviors and self-image.

Professor Matthew Schmidt presented "Acceptability, Usage, and Knowledge of Resistant Starch" at the SUU Festival of Excellence, April 7, 2015. Type 2 diabetes affects 8% of adults and is the 7th leading cause of death in the United States. Although many medical treatments are established to alleviate diabetic complications, it is advantageous long-term to increase tissue insulin sensitivity and reduce the development of type 2 diabetes. One functional fiber shown to retard glucose absorption and increase insulin sensitivity is resistant starch (RS). Several companies claim RS as capable of replacing a portion of flour in home baking without altering the texture or taste of the final product. If these claims are true, RS could be a beneficial addition to diets. This study developed three recipes (biscuit, cookie, muffin) that replaced varying percentages of flour with RS. A triangle test was conducted with 17 subjects, mean age 43.8 years (± 10.6), to determine if participants could correctly identify the presence of RS in products. Results indicated that 65%, 71%, and 76% of participants could not identify which sample contained RS. A subsequent survey explored acceptability of each RS product and subjects prior knowledge of RS. The acceptability was 52%, 100%, and 82% for the biscuit, cookie, and muffin recipes. Acceptability of each product containing RS was similar to the acceptability of the unmodified versions of those products. Prior to this study, 88% of the population had not heard of RS. This study showed that RS is not a commonly known product in this population, can replace a percentage of flour in recipes, and produce an acceptable result in these baked goods.

Professor Matthew Schmidt presented "He is not Fat, Unhealthy, Lazy, etc., He Plays Football" at the SUU Festival of Excellence, April 7, 2015. Negative stereotypical attitudes exist toward overweight/obese in the general population and among healthcare providers. Such



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graduates continue to be in high demand due to the quality of our program. We sincerely thank IHC for a strong partnership and their continued support of SUU Nursing.

attitudes can create undesirable consequences with regard to healthcare treatment provided. Studies suggest that even though healthcare providers perceived many of their patients to be overweight/obese and recognized the health risk, they did not intervene as much as they should. The study's purpose was to test whether participants would display less bias toward obese people if they were labeled with a socially acceptable explanation for their apparent obesity. Eighty-nine participants; mean age 21.6 ± 4.6 , viewed only one picture of the five different conditions. Three of the pictures (conditions) were of the same obese individual only differing in the description given to each image. The three descriptions for the obese individual were college football player, college student, or suffering from hypothyroidism. The other two pictures (conditions) were of a healthy BMI individual only differing in the description given to each image. The two descriptions were college football player or college student. Participants completed the Fat Phobia Scale and answered nutrition related questions after looking at one of the pictures. A significant difference ($p < 0.05$) existed between the obese football player compared to the other two obese conditions. Results indicated participants displayed less negative bias toward the obese college football player and were less likely to promote appropriate nutritional changes for that individual. Findings imply that less negative bias exist when a socially acceptable explanation is provided for the obese individual and bias awareness may be necessary.

Biology

Publications and Presentations

Dr. Jacqueline Grant presented "Planes, Trains, and Fish? A Case Study in Science Education" at the Southern Utah University Festival of Excellence, April 7, 2015. Science education standards call for the integration of math, science, engineering, and sometimes even art. However, most elementary educators have been trained to address these subjects as stand-alone topics. Dr. Grant worked with elementary educators from Iron County, Utah to create lesson plan in which students integrated math, science, engineering, and art to learn about the similarities between airplane design and fish morphology. She introduced the lesson to 39 children in the East Elementary Science and Engineering Club, where it was received with excitement and enthusiasm. In this presentation Dr. Grant discussed how developing these lessons changed how she teaches at the collegiate level and gave a brief demonstration of how fish and planes can be linked together to teach children about science, engineering, and math.

Dr. William Heyborne and **Professor Peggy Wittwer** (Education) presented "SUU Center for STEM Teaching and Learning: An Introduction" at the SUU Festival of Excellence, April 7, 2015.



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The current situation, in the United States, regarding training and employment within the STEM (Science Technology Engineering and Math) fields comes as a surprise to no one within educational and political leadership. Collectively, we realize the need for these highly trained individuals if we are to continue along our current trajectory of economic growth and technological and scientific innovation. However, despite the obvious need for more individuals in these career paths, the proportion of individuals seeking this training fails to keep up with demand. To help remedy this shortfall, the SUU Center for STEM Teaching and Learning was created in the spring of 2014. In this talk, Dr. Heyborne and Professor Wittwer describe the formation of this new center, its current work, and future goals.

Dr. Jonathan Karpel presented "Rocking Your Classes: Using Case Studies to Introduce Topics" at the SUU Festival of Excellence, April 7, 2015. Student engagement has become a hot topic in the classroom and many professors struggle to make material meaningful to students. Using case studies in your lectures is one way to uniquely present material to your students and grab their attention before their minds start to wander. This presentation highlights some best practices in the art of using case studies as an alternative to traditional lectures.

Dr. Laurie Mauger presented "Population genetics of ringtails, *Bassariscus astutus*, in southern Utah" at the SUU Festival of Excellence, April 7, 2015. Ringtails, *Bassariscus astutus*, are an elusive nocturnal mammal found in the southern United States. Little is known about the population size and distribution of this species; common methods used to estimate population size, such as mark-recapture studies, have provided inconclusive data on the population size in Zion and Bryce National Parks. Additionally, their movement patterns, behavior and genetic diversity within these parks are currently unknown. An ongoing research project in Zion and Bryce National Parks has afforded us the collaborative opportunity to conduct a preliminary genetic study on these populations, which will increase the scientific knowledge of this species. The purpose of the current project is to estimate home range size and population size of ringtails within these national parks. Fecal samples have been collected as part of this project. Using these samples, the proposed study will utilize genetic techniques to answer pertinent questions regarding ringtail interactions, distribution, dispersal and genetic diversity. DNA will be extracted from fecal material and amplified at a minimum of four microsatellite loci. Microsatellite primers will be chosen from preliminary study based on heterozygosities and polymorphism levels. We will utilize the genetic data to answer several questions including, the minimum number of ringtails utilizing a single latrine, genetic diversity, natural history information (range size, distribution, etc.) and estimates of effective population size.

Computer Science & Information Systems

Publications and Presentations

Dr. Shalini Kesar presented, and subsequently published, "Flipping the Computer Club: A Journey from STEM to STEAM Hands-on activities" and "Causes, Consequences, and Mitigation Mechanisms" (co-authored with Subrahmaniam Krishnan Harihara) at the ETHICOMP 2014 conference, in Paris, France, June 2014. The purpose of this series is to provide an inclusive forum for discussing the ethical and social issues associated with the development and application of Information and Communication Technology (ICT).

Dr. Shalini Kesar presented "Management of Information Security Breaches: Awareness, Training and Education" at the SUU Festival of Excellence, April 7, 2015. Recent information security breaches at retail stores like Target brings the issue of management of such crimes to the forefront. At the same time, reports and statistics show that cybercrime is increasing and will continue to do so. Moreover, the "reported" cases represent only the "tip of the iceberg". Hence, it is important to incorporate training, education and awareness components, while trying to minimize information security breaches.

Dr. Nasser Tadayon published "Verification and Validation of a Database Management course" at WORLDCOMP 14, in July 2014. In the education



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field, there are products and services, which as a whole constitute a system that continuously goes through verification and validation at all levels by experts in the field. At each level of the educational system, committees and processes assess and evaluate (verify and validate) the outcomes of the system. The V&V concept is used for checking a course as a component of the program within the higher educational system. The students go through a different assessment process to ensure they meet the requirement of the course and fulfil its intended purpose.

Dr. Nasser Tadayon presented "Verification and Validation of a Database Management Course" at the SUU Festival of Excellence, April 7, 2015. The concept of verification and validation (V&V) is one of the most essential part of any system to ensure that the products and processes conform to the requirements of the system. It would also ensure that the right problem is being solved in order to meet intended use and user needs. Within the required activities for verification and validation, the components of a system are checked to ensure that it satisfies the standards and conventions. In educational field, there are products, services, which as whole constitute a system that continuously goes through verification and validation at all levels by experts in the field. At each level of educational system, there are committees and processes that assess and evaluate (verify and validate) the outcome of the system. The V&V concept is used for checking a course as a component of a program within the higher educational system. The students go through different assessment process to ensure that they meet the requirement of the course and fulfills its intended purpose.

Dr. Dezhi Wu presented "Right Message at Right Place: Investigating the Effectiveness of Location-based Mobile Advertising on Consumers' Redemption Responses" at the SUU Festival of Excellence, April 7, 2015. Location-based mobile advertising is becoming an increasingly important marketing strategy in today's business world. Despite the advances of mobile communication infrastructure and smart mobile devices, how to effectively reach consumers through mobile devices to promote products still remains a challenge. Grounded in psychological distance and construal level theories, we propose a study to investigate whether differentiating LMP messages based on consumers' real time locations can increase their mobile coupon redemption tendency. Specifically, we posit that when consumers are close to the merchant, a LMP with high discount level is more effective than a LMP that promotes a product matching consumers' consumption needs, whereas the reverse is true for consumers distant from the merchant. Accordingly, a 2*2*2 lab experimental study and a field experiment are designed. In addition, we also discuss the potential contributions, study implications and future research directions.

Awards and Leadership

Dr. Shalini Kesar served as a program chair for the Annual Ethics Conference, 19-21 May, 2015, in Las Vegas, NV.

Dr. Shalini Kesar coordinated the first National Center for Women & IT (NCWIT) Aspiration Award Ceremony for women in computing in Southern Utah. The ceremony was held at SUU, and the primary aim was to enhance awareness and out-reach to young aspiring women in computing at the high schools in Southern Utah. The ceremony was hosted in the Great Hall, on March 29, 2014, to honor aspiring young women for their computing-related achievement and interest along with their parents and educators. This event acknowledged all the 39





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high school applicants and their educators. Dr. Kesar organized the ceremony with Jessica Burr and Laurie Harris. The ceremony was so successful that a second ceremony was held March 2015, with nearly double the applicants. In 2015, from southern Utah, there are 25 regional winners, and one recipient is a runner-up for the national award. In addition to receiving monetary support from local sponsors, Dr. Kesar received two grants (NCWIT funding and iUtah grant—a NSF grant) to support the event.

Dr. Shalini Kesar received two grants, an iUtah grant (part of NSF) and a NCWIT grant, both based on outreach activities to increase awareness within high schools of southern Utah. The grants supported the Aspirations award event as well as school trips by Dr. Kesar and her team. The grants were received in Fall 2014.

Engineering Technology & Construction Management

Publications and Presentations

Dr. Richard Cozzens presented “Quality TICE curriculum Defined” at the SUU Festival of Excellence, April 7, 2015. Technology Intensive Concurrent Enrollment (TICE) is a collaborative program sponsored by the Utah System of Education (USOE) and the Utah System of Higher Education (USHE). The TICE objective was to provide a means to offer “technology intensive” courses as an online course, as well as a supplement to face-to-face classes using the latest technology and blended learning and teaching techniques. These courses would be offered for concurrent credit to high school juniors and seniors.

One of the courses developed was the TICE 1010, Introduction to Engineering and Technical Design (IETD). This session provided a brief history and process to the development of the curriculum. The data collected and lessons learned, from the pilot courses, was presented, as well as how the data was used to improve the course. The main objective to the presentation was to present data to determine if the TICE 1010 IETD course has met the TICE objectives. This data was viewed from three different perspectives: the instructors, the administrators and the students. Is the IETD 1010 curriculum a quality curriculum? Do the three different perspectives agree on what determines quality curriculum?

Dr. Leo Scott Hansen published Autodesk Inventor 2015: A Tutorial Approach by SDC publications in 2014. This text introduces Autodesk Inventor to anyone with little or no prior education of this kind of software. It can be used in virtually any formal educational setting from four-year engineering schools to community colleges, to vocational/technical schools and high schools. This text can also be used at industrial training centers, and can serve as a reliable reference for on-the-job use. Unlike other books of its kind, it begins at a very basic level and ends at a very advanced level.

Integrated Engineering

Publications and Presentations

Dr. Gary Flandro presented “How to Leave the Solar System” at the SUU Festival of Excellence, April 7, 2015. One of the dreams of mankind has always been to acquire the ability to leave our home star and travel to remote parts of the universe. We would like to say (paraphrasing



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Charles A. Lindbergh), "If I take the wings of the morning, and dwell in the uttermost parts of space." This capability has now been demonstrated; the presentation shows how it is done.

Dr. John Murray and **Dr. Fred Govedich** (Biology) presented "Global Change and the American Southwest" at the SUU Festival of Excellence, April 7, 2015. In 2008, the London Geological Society named the current geological time period, "Anthropocene," (human-shaped epoch). The concept that humans are currently playing a major role in shaping the world around us brings up the following questions: "What is our intent as a species? "How can we design [a world] in a way that loves all of the children, of all species, for all time? The goal is a delightfully diverse, safe, healthy, just world with clean air, water, soil, and energy - economically, equitably, ecologically, and elegantly enjoyed." As a step towards this goal, we have created a transdisciplinary course, open to all, to be launched in Maymester, 2015 to "expand our circle of understanding and action" about changes in the American Southwest, connecting the arts, sciences, and regional community in the process. The intent is to assist participants in maintaining the integrity of the global life support system, both in our southwestern region and in the world at large. The course will provide an intellectual framework for this process by: 1. Connecting global change science and other disciplines via research, theory, and case studies; 2. Considering peer-reviewed literature and other readings; 3. Engaging in team-oriented field work, including field explorations and student-led, research-driven briefings in Zion National Park, Cedar Breaks National Monument, Red Cliffs, and a renewable energy site; 4. Interacting with experts; 5. Integrating what was learned in a manner suitable for realizing sustainable, resilient, regenerative communities and systems; 6. Sharing our results to enhance sustainability.

Mathematics

Publications and Presentations

Dr. Seth Armstrong presented "A Finite Difference Scheme for an Ising Spin System Equation with Kac Potential" at the SUU Festival of Excellence, April 7, 2015. The paper proposes a nonstandard finite difference scheme to approximate a partial differential equation representing an Ising spin system with Kac potential where the inverse range of the potential goes to zero. It proves that the scheme is unconditionally stable, convergent, uniquely solvable and that the numerical solution approaches the true solution in the infinity norm. The represents joint work with Dr. Jianlong Han and Dr. Sarah Duffin.

Dr. Saïd Bahi, with Patrick Staley and Devin Wiggins, published "A Time Hazard Analysis of Student Persistence: A US University Undergraduate Mathematics Major Experience" in the International Journal of Science and Mathematics Education, April 2014.

Professor Bryan Bradford presented "Basic Ideas about the Common Core" at the SUU Festival of Excellence, April 7, 2015. This presentation summarized the results from a recent UCTM conference on the Common Core. It looked at the ideas surrounding why the Common Core was introduced, and articulated some of the problems that the Common Core hopes to address.

Dr. Jim Brandt and Dr. Gretchen Rimmasch Meilstrup published "Assessing the Effectiveness of Classroom Visual Cues" in Doing the Scholarship of Teaching and Learning in Mathematics, ed. Jacqueline Dewey and Curtis Bennet. Mathematical Association of America, January 2015.

Dr. Jim Brandt, Dr. Jana Lunt, and **Dr. Gretchen Rimmasch Meilstrup** presented "Mathematicians' and Mathematics Educators' perspectives on 'Doing Mathematics'" at the Joint Meeting of the AMS and MAA in San Antonio, TX, January 2015.



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Dr. Roger Fischer presented "Fractions, Decimals, and Rational Numbers: Promoting a Unified Understanding of Number in the Middle School Classroom" at the UCTM Conference, Layton, UT, November 2014. Previous standards published by the National Council of Teachers of Mathematics have emphasized facility with representations of rational number. The Common Core State Standards for Mathematics (CCSS) places comparatively more emphasis on rational numbers in general and the repeating decimal representation of rational numbers in particular, with an eye towards engendering in students a "unified understanding of number, recognizing fractions, decimals (that have a finite or a repeating decimal representation), and percents as different representations of rational numbers." In this session, participants will work through an activity designed to reveal conceptions and misconceptions about rational numbers, as well as promote a more unified understanding of rational numbers by making connections between different representations.

Dr. Roger Fischer presented "Promoting a Unified Understanding of Number in the Middle School Classroom" at the SUU Festival of Excellence, April 7, 2015.

Dr. Roger Fischer presented "Rational Numbers and the Common Core State Standards: A Descriptive Case Study" at the Joint Mathematics Meetings in January, 2015, at San Antonio, TX. Previous K-12 mathematics standards have regarded facility with various representations of rational numbers as sufficient for understanding. The Common Core State Standards for Mathematics (CCSSM), however, emphasize a more general understanding of rational numbers while also targeting repeating decimal representations. Existing literature suggests that teachers' content knowledge is inadequate to meet this goal. Dr. Fischer presented a variation of this paper at the SUU Festival of Excellence, April 7, 2015.

Dr. Eric Freden (interim Associate Dean) presented "Growth Series for Rooted Trees" at the SUU Festival of Excellence, April 7, 2015. A standard approach to computing the growth function for a finitely generated group relies on finding geodesic normal forms for group elements. Usually the set of paths corresponding to these normal forms constitute a rooted spanning tree in the Cayley graph. Such a tree has bounded, but usually not constant, valence. Each Baumslag-Solitar group has Cayley 2-complex homeomorphic to tree cross real line (in fact the Bass-Serre tree). The projection of the 2-complex yields a rooted tree with constant valence (except at the root node). However, for the projection tree to isometrically embed in the 2-complex, the tree edges will carry different (but finitely many and uniformly bounded) weights. The above paragraphs are the motivation for studying growth functions for rooted trees with bounded vertex valences and bounded edge weights. The current inquiry concerns the relationship between recursive schemes for edge weights/vertex valences and recursive algorithms for computing the growth series. If the former takes polynomial time, so does the latter. What about the converse? This presentation gives partial results in that direction and is illustrated with counter-intuitive examples.

Dr. Jianlong Han presented "A convergent numerical scheme for a reaction-diffusion system" at the SUU Festival of Excellence, April 7, 2015. Dr. Han studies a reaction-diffusion system which is used to describe pattern-formation phenomena in chemistry and biology. A convergent numerical scheme is proposed. He proves that the scheme is uniquely solvable and is stable.

Dr. Derek W. Hein presented "Decompositions of λK_n into LEO and ELO Graphs" at the 28th Midwest Conference on Combinatorics, Cryptography and Computing" at Las Vegas, NV, October 2014.

Dr. Derek W. Hein presented "A New Construction for Decompositions of λK_n into LE Graphs" at the Intermountain Section of the MAA at Brigham Young University, Provo, UT, March 2015.

Dr. Derek W. Hein, with D. G. Sarvate, has a paper "Decompositions of λK_n into $S(4, 3)$'s" forthcoming in J. Combin. Math. Combin. Comput. 94 (2016).



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Dr. Jana Lunt, with **Dr. Jim Brandt** and **Dr. Gretchen Mielstrup** presented “Emphasizing Mathematical Definitions in a College Algebra Course” at the 2015 Joint Mathematics Meetings in San Antonio, TX, January 2015. Definitions play a critical role in mathematics. Unfortunately, many undergraduate students do not recognize their importance. Compounding this, definitions and their roles may not be emphasized in lower division mathematics courses. Students’ lack of understanding of mathematical definitions can lead to difficulties in current and future mathematics courses. In this project, we taught a college algebra course using a variety of activities designed to emphasize mathematical definitions. Further, we assessed the impact of these activities on students’ abilities to work with novel definitions and solve standard computational problems. In this presentation, we will describe some of these classroom activities and discuss the preliminary results of our assessment.

Dr. Andrew Misseldine presented “Applications of Representation Theory” at the SUU Festival of Excellence, April 7, 2015. Representation theory, a branch of abstract algebra, has many important applications in mathematics and the sciences, including physics, chemistry, computer security, and statistics, to name a few. Representation theory is the linear algebraic study of groups, mathematical objects which are used to transform or rearrange other mathematical models and measure their “shape.” Groups are ubiquitous, being used to measure symmetries of molecules, encrypt sensitive messages and credit cards, and producing error-correcting codes. This talk discusses, at an introductory level, how studying groups helps us approach real life problems. Particular emphasis will be placed on applications to voting procedures.

Dr. Emma Schafer presented “Counting: As Easy as 1-2-6” at the SUU Festival of Excellence, April 7, 2015. For many mathematics and statistics students, it can be difficult to determine which of the counting techniques (permutation, combination, etc.) to use when solving counting problems. Often we ask students to determine whether order matters, but this mathematical shorthand can be vague and confusing for students. Dr. Schafer discusses a method of teaching counting principles which can help students to correctly determine which counting technique(s) to use.

Dr. Andreas Weingartner presented “Egyptian Fractions, Practical Numbers, and the Distribution of Divisors” at the BYU Department of Mathematics meeting, October 2014. This was an invited colloquium presentation on Dr. Weingartner’s recent results on practical numbers and related topics. Dr. Weingartner presented a variation of this presentation at the SUU Festival of Excellence, April 7, 2015.

Leadership

Dr. Derek W. Hein visited Hunan Normal University in Changsha, China, during September 2014 to oversee the establishment of SUU’s American Studies Center for the 2014-15 academic year.

Nursing

Publications and Presentations

Dr. Daphne Solomon, **Dr. Alan Pearson**, and **Professor Rebecca Rasmussen** presented “Health Fairs, Patient Education, and the Likelihood of Follow-up Care” at the SUU Festival of Excellence, April 7, 2015. The purpose for this research is to determine if patient education increases the likelihood of recommended follow-up with primary care providers (PCP) regarding healthcare screening test results. Health fairs are



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a recognizable form of community based health promotion and screening in the U.S. There is little research regarding the clinical utility and cost-effectiveness of health screenings in asymptomatic individuals. There is evidence to suggest that increased levels of education are associated with better health. A convenience sample of health fair participants were given both a pre and post screening questionnaire regarding the likelihood of follow-up with PCP based on the education provided by nursing students regarding screening results and the effect on health. Our results demonstrated an increase in reported willingness to see their PCP based on their results and the education received.

Projects

Dr. Alan Pearson, Professor Rebecca Rasmussen, and Daphne Solomon organized the First Annual SUU Department of Nursing, Health Promotion Fair, in the SUU Sharwan Smith Ballroom, September 2014. Faculty and students worked together to plan and complete a health promotion fair for all SUU faculty, staff, students and their families. Free screenings included blood pressure, blood sugar, cholesterol, Framingham-myocardial infarction risk score, hearing, and vision. Influenza vaccines were also offered. All screenings included patient education on current recommendations and health promoting behaviors to improve screening results. Data was collected on the effect of health education on health promoting activities.

Physical Science

Publications and Presentations

Dr. Daniel Eves presented "Hands-on Analytical Chemistry: Environmental Water Testing Success Stories" at the Southern Utah University Festival of Excellence, April 7, 2015. In 1975, an environmental water-testing laboratory was established by the Department of Physical Science at Southern Utah University. Since its inception, this lab, known as the Water Lab, has involved students in every facet of its operation while maintaining state certification. Students serve as lab analysts, perform quality control/quality assurance duties, and handle the day-to-day clerical duties of the laboratory. From this experience, the students learn more about what it takes to be a successful chemist in a real working environment. The educational aspects of this experience have facilitated students' success in their future endeavors. This presentation includes examples of applied learning stemming from this unique experience, including, but not limited to, the importance of calibration curves, chain of custody, and standard operating procedures. The presentation also relays how the lab has led to successful careers for its former employees.

Dr. Robert Eves (Dean), Larry E. Davis (Geologist in Residence, Bryce Canyon National Park), and Gayle L. Pollock (Executive Director, Bryce Canyon Natural History Association) presented "Hoodoos and Headward Erosion: Bryce Canyon National Park's Unique Geologist-in-Residence Program" at the 2014 Annual Meeting of the Geological Society of America, Vancouver, BC, October 2014. The abstract will be published in Geological Society of America Abstracts with Programs 46.6. The Bryce Canyon Natural History Association (BCNHA), and Bryce Canyon National Park (BCNP) undertook a collaborative project last year by selecting a long term "geologist in residence" to work with BCNHA and Park staff and visitors in an intensive geoscience education program designed to help Park interpreters present the latest, most accurate geologic information on BCNP and to assist in fostering a greater awareness and appreciation for the unique geology of BCNP, one of the crown jewels of the National Park System. This presentation will serve to update the national geologic community on the progress of this project and the successes and challenges encountered thus far.



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Dr. Robert Eves, Larry E. Davis (Geologist in Residence, Bryce Canyon National Park), Gayle L. Pollock (Executive Director, Bryce Canyon Natural History Association) presented "They're Just Rocks"—Overcoming the Challenges of Teaching Geology to NPS Front-Line Interpreters" at the National Conference of the Geological Society of America (GSA), Vancouver, BC, October 2014. Institutions of higher education are a training resource for federal land management agencies, especially in training seasonal interpretive staff. SUU's Alliance for Education with Bryce Canyon National Park (BCNP) has resulted in a long history of educational support of personnel. Recently, a retired university professor accepted a volunteer position in BCNP and joined efforts with SUU faculty and the Bryce Canyon Natural History Association (BCNHA) to provide this educational support. This presentation described the successes and challenges associated with that effort.

Dr. Jennifer Hargrave, with Claire Cleveland, **Dr. Terry Hildebrand**, **Dr. Johnny MacLean** published "Insights into the Late Quaternary Paleoenvironment of Northwestern Arizona" in *Southwest Naturalist* 60.1 (Spring 2015).

Dr. Jennifer Hargrave, J. Kirkland, A. Milner, and P. Olsen published "The Whitmore Point Member of the Moenave Formation in Its Type Area in Northern Arizona and Its Age and Correlation with the Section in St. George, Utah—Evidence for Two Major Lacustrine Sequences" in the *Utah Geological Association Publication* 43 (2014): 321-356.

Dr. Jennifer Hargrave and **Reko Hargrave** presented "Teaching Observational Skills and Practical Field Methods in a Core Geology Course" at the Geological Society of America Annual Conference, Vancouver, BC, October 2014.

Dr. Jennifer Hargrave presented "Geology in our Backyard: Teaching practical field methods" at the SUU Festival of Excellence, April 7, 2015. A semester-long stream monitoring project was assigned to students of an undergraduate sedimentology and stratigraphy course at Southern Utah University to engage students with practical field experience and teach them how to make observations and collect, document, interpret, and synthesize data. Students were paired and assigned a section of a local stream in which they had to observe twice monthly for four months. The students were required to post their data on a website and provide a presentation to the class at their location during a field trip at the end of the semester. The level of observation increased over the course of the project, as did the quality of scientific language. The students applied the concepts they were learning in the classroom to what they observed in the field. Although classroom discussions are necessary to introduce students to geologic principles and concepts, observation and practical field methods promote real-world geologic experience.

Dr. Jennifer Hargrave, **Dr. William Heyborne**, **Dr. Robert Eves** (Dean), and students Andrew Carlson, Brianna Fernandez-Nelson, Coral Gardner, Matz Indergard, Kyle Javenes, Carson Kinross, Christine Nelson, and Ashlie Pender presented "Coral Reefs of San Salvador Island, the Bahamas: A Panel of Experiential Biology and Geology" at the SUU Festival of Excellence, April 7, 2015. Hands-on, experiential education is fundamental to coursework at Southern Utah University. A study abroad program couples this learning method with travel. The course was offered in a unique setting, where students could explore modern and ancient coral reef systems together. The purpose of the program was to allow students to experience both the geologic and biologic aspects of an island ecosystem. The experience included observation of modern systems and then interpretation of similar systems from the geologic record. Additional activities included snorkeling along modern coral reefs, including fringe reefs and patch reefs, a boat excursion to Green Cay to see modern terrestrial ecosystem and rare fauna, as well as trips to explore caves and saline lakes. The students were able to integrate and understand the interconnectedness between geology and biology. The participants shared their perspectives of the course during this panel.

Dr. Jason Kaiser presented "Integrated, Field-Based Student Research in Volcanic Fields of Southern Utah: Volcanology in, and out of the classroom" at the SUU Festival of Excellence, April 7, 2015. The study of large, explosive eruptions integrates many fields of geology. Caldera-forming eruptions result in volcanic stratigraphy and geochemical signatures that can be used to understand magmatic processes such as



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crystallization/cooling rates, emplacement times and durations, and temperature/pressure conditions. In addition, the structural features and morphology of the calderas provide insight into eruption dynamics such as the relative timing of caldera collapse as well as continued magmatic activity following the climactic eruption. Southern Utah was the site of multiple large silicic volcanic fields throughout the Middle and Late Cenozoic. Both the Marysvale Volcanic Field and the Indian Peak/Caliente Caldera Complex represent multicyclic caldera-forming eruptions. As a result of the tectonic environment in Southern Utah over the last 20 Myr, the calderas and related plutons have been dissected exposing the volcanic and plutonic counterparts. Volcanic and plutonic systems contain complementary records. Plutonic bodies preserve an integrated record of their entire magmatic activity, while volcanic rocks represent snapshots in time, sampling single moments during magma development and evolution. In this regard, it is necessary to study both records to understand the relationship between volcanic activity and pluton emplacement and evolution. Studies in Marysvale and Indian Peak/Caliente will bridge the plutonic and volcanic realms by chemically, chronologically and stratigraphically comparing volcanic ignimbrites to remnant magmas preserved as plutonic intrusions. By combining class projects with undergraduate research, datasets can be built to bring 20 Myr of volcanism into focus for teaching and academic purposes.

Dr. Johnny MacLean and Robert Skankey presented "Porosity Analysis of Deformation Bands in Sandstones and Conglomerates from Hillsdale Canyon, Southern Utah" at the Geological Society of America Annual Meeting, Vancouver, BC, October 2014.

Dr. Johnny MacLean and Mark Green presented "Mapping Three Generations of Fractures in Bryce Canyon National Park: a Geocorps™ America Internship" at the Geological Society of America Annual Meeting, Vancouver, BC, October 2014.

Dr. Johnny MacLean and Spencer Francisco published "Five Tectonic Settings in Five National Parks and Forests: A Field Camp Experience" in *The Compass: Earth Science Journal of Sigma Gamma Epsilon*, October 2014.

Dr. Johnny MacLean and Genevieve Kidman published "Evidence of Large-Scale Tectonic Processes on the Tharsis Rise, Mars" in *The Compass: Earth Science Journal of Sigma Gamma Epsilon*, October 2014.

Dr. Johnny MacLean published "Reactivation of Conjugate Fractures in the Claron Formation near Bryce Canyon National Park" in *UGA Publication 43: Geology of Utah's Far South*, September 2014.

Dr. Johnny MacLean, Robert Biek and Jacqueline Huntoon edited a volume of peer review articles, *UGA Publication 43: Geology of Utah's Far South*, September 2014.

Dr. Johnny MacLean presented "Structural Geology Course Objective: Publish Your Research" at the SUU Festival of Excellence, April 7, 2015. During fall 2014, students in the GEO 3510 Structural Geology course worked together in Hillsdale Canyon and in the classroom to collect structural geology field data, analyze and interpret the data, and write a scientific article. They submitted the article for publication in a peer-reviewed undergraduate journal called *The Compass: Earth Science Journal of Sigma Gamma Epsilon*. This project integrated several high-impact educational practices designated by the Association of American Colleges and Universities, including writing-intensive courses, collaborative assignments and projects, and undergraduate research. The project also addresses several of SUU's Essential Learning Outcomes, including communication, teamwork, critical thinking, and inquiry and analysis, which were assessed formally and informally throughout the semester. Projects such as this allow students to connect classroom concepts to hands-on experiences and real-world problems while balancing content coverage with practical skills. In addition to the inherent educational benefits, participants were able to include a peer-reviewed publication on their graduate school and employment applications. This presentation provided a summary of the students' project and described the educational and professional benefits of integrating undergraduate research with course content.



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Dr. Chris Monson presented “Microfluidic Development at SUU: faster, cheaper, more portable chemistry” at the SUU Festival of Excellence, April 7, 2015. Microfluidic devices are chips capable of moving and controlling liquids at very small scales. They are immensely powerful, able to perform tests quickly, cheaply, and in the field, and are already a multi-billion dollar a year industry. However, the most common method to fabricate microfluidic devices requires the formation of an expensive master. While this is not a problem for tests that will see millions of copies made (such as medical tests), it essentially precludes the use of microfluidics technology in most settings. We have developed a method to fabricate microfluidic devices using only simple, common, and inexpensive materials. We are currently applying our microfluidic fabrication techniques to multiple systems, including sensing, nanoparticle fabrication, microfluidic development, and forensics, and will report on our progress.

Dr. J. Ty Redd presented “Southern Utah University Water Laboratory: A working model of peer mentorship” at the SUU Festival of Excellence, April 7, 2015. In 1975, an environmental water-testing laboratory was established by the Department of Physical Science at Southern Utah University. The lab serves a key function in the southern Utah region: the lab is available to any individual not only for water analysis, but basic training in sample collection and understanding test results. Since its beginning, the Water Lab has involved students in every facet of its operation while maintaining state certification/NELAP certification. This employment constitutes a paid internship for students. Over 100 student internships have resulted from this program. In this presentation, Dr. Redd describes the challenges of constant turnover, and discuss how the department maintains state certification with student workers and the benefits from doing so.

Dr. Hussein Samha presented “Chemical Elements in the Quran” at the SUU Festival of Excellence, April 7, 2015. Several chemical elements are presented throughout the Qur’an as miracles or to fulfil certain teaching. Among these elements are: Iron, Copper, Silver, and Gold. Iron according to chapter Al-Hadid was being physically sent down from the sky. The mention of molten copper indicates the different uses of the metal and its physical properties. Gold is explicitly mentioned in the Qur’an 8 times and silver is mentioned 6 times. The use of these two elements is precisely described as for beauty, wealth and pleasure. “Beautified for men is the love of things they covet; women, children, much of gold and silver (wealth), branded beautiful horses, cattle and well-tilled land. This is the pleasure of the present world’s life.” Sediments, Stones and Rocks, which contain several metals, are also mentioned in the Qur’an.

Dean: Mark Atkinson

Website: <http://www.suu.edu/scps/>

R. Haze Hunter Conference Center

College Highlights

The SCPS is expanding with a new team, including Roger LaMarca as Director of Online Enrollment. He will hire four positions that will focus on the non-resident, online-only graduate student. Their work as admissions counselors will be very personalized as counselors will guide applicants all the way through the application process, and someone will mentor them through their first online course. Ensuring they are successful with communication, assessments, understanding syllabi, taking advantage of resources available to online learners, and so forth.

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Publications and Presentations

Dr. Mark Atkinson (Dean) presented "Competency-Based Education at a Traditional University" at the SUU Festival of Excellence. Competency-Based Education has the attention of media and is beginning to surface at a few traditional universities, at least as an experiment. There is even talk of changing Pell grants in its favor. This type of education grants credit based on a learner's demonstrated skill (competencies), rather than clocking time at a lecture, and passing exams from the memory of theory and declarative knowledge. Traditionally, Competency-Based Education has been exclusive to vocation schools. Is it possible to use this model for effective learning at a traditional university such as Southern Utah University? This presentation provided an overview of the current issues, and attempted to answer the question.

Jennifer Hunter and **Michelle Thayer** (SUU Online) presented "Using Rubrics to Improve Online Student Learning" at the SUU Festival of Excellence, April 7, 2015. Thoughtfully constructed rubrics allow online students to improve performance through self-assessment while instructors benefit from improving consistency in assessing process, performance and progress. This presentation uses a literature review and Canvas course analytics to identify strategies for course implementation of quality grading rubrics.

Dr. Roger LaMarca (Director, Online Admissions) presented "Engaging Generation Y in a Technology Driven Environment" at the SUU Festival of Excellence, April 7, 2015. The presentation explores the contributing factors that have a positive influence on the learning processes of Generation Y, post-secondary students. And, how student learning is influenced by different pedagogical perceptions and seek to identify the characteristics within teaching strategies that help promote student interactions in Generation Y online classrooms.

Members of Generation Y have grown up with access to and frequently use technologies such as computers, tablets, smart phones, digital video recorders (DVR) and a constant connection to online materials such as social lifelines. Generation Y individuals are

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technologically savvy and literate individuals, they are response driven, have shorter attention spans, possess grand ambitions, and have lower thresholds for boredom. Additionally, members of Generation Y desire immediate stimulation and maintain an expectation that answers and feedback should be obtained instantly. The presentation will focus on best practices for connecting with and positively influencing students that have grown accustomed to immediate feedback and constant connectivity.

Dr. Karl Stevens (Director, SUU Online) presented "Quality Matters: SUU's Standard for Online Course Development" at the SUU Festival of Excellence, April 7, 2015. SUU Online provides instructional design services for faculty developing online courses. In 2014 SUU Online adopted the standards of Quality Matters to assist faculty and instructional designers in achieving the desired level of quality for online course content and deliverability. This session presents an overview of the QM standards.



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Dean: Patrick Clarke

Website: <http://www.suu.edu/uc/>

Sharwan Smith Student Center

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Presentations and Publications

Amanda Wilcock presented "You just had to be there: What experiential education students get that other students miss out on" at the SUU Festival of Excellence, April 7, 2015. Going to college is good. Getting an education is better. This presentation will talk about ways project based learning supplements, fills in the gaps, and goes far above traditional classroom education.

Amanda Wilcock presented "Seminar, a Part of a Balanced Educational Breakfast" at the SUU Festival of Excellence" at the SUU Festival of Excellence, April 7, 2015. The traditional classroom setup today is familiar from kindergarten to graduate school. A minimum of 20 students, in rows of desks facing a teacher. The teacher presents material. The students are to listen, take notes, and raise their hand to ask questions when they are given the opportunity. The success of this system is judged when students take standardized tests meant to assess their knowledge and academic ability. This hyper efficiency-conscious setup has students in class for 40-50 minutes at a time, packing each day full of core lecture with the occasional extra-curricular activity. Outside the classroom, students are expected to use certain methods taught in class to find a specific answer while completing homework assignments for each class. Distractions or unscheduled/unplanned activities are discouraged. This system is efficient. This system is clean and easy to duplicate and grow. This system produces higher and higher standardized testing scores each year. And this system is producing thousands of students with undeveloped and even inhibited ability to think critically, learn independently, consider alternatives, or interact in a productive environment. The professionals that dedicate their lives to educating upcoming generations are seeing students leave school unprepared, and are realizing the importance of implementing different learning tools in the classroom. Seminar style classes will help students to engage more fully, better grasp material, and develop skills important to functioning as a student, in the workplace, and in every part of life.

Patrick Clarke (Dean), **Dr. Todd Petersen**, **Jeb Branin** (Associate Dean), and **Parker Grimes** presented "The EDGE Tracker: What You Need to Know" at the SUU Festival of Excellence, April 7, 2015. In an environment that asks for constant streams of assessment data, experiential learning programs struggle to integrate with existing student information systems, which makes it difficult and costly to administer these programs and to contribute appropriate assessment information. For this presenta-



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tion our goal is to show how a successful collaboration between IT application developers and program administrators can meet complex reporting and tracking expectations while preserving the unique and individualized nature of student-designed experiential learning projects.

Melanee Mariner (Advisor) presented "Wellness As A Way To Elevate College Success" at the SUU Festival of Excellence, April 7, 2015. It is easy for students to be entirely focused on academics as they work towards their educational goals. As a result, many students develop habits that are not beneficial for their overall wellness. Because emerging adulthood and the college years are a pivotal time for developing lifelong behaviors, it is important for students to foster good wellness habits, while also pursuing their academics. This presentation discusses areas of wellness that are important for students to develop (healthy eating, sleeping, and exercising) and will also examine research that shows how it benefits students while they are in college and how these patterns will set the foundation for continued wellness after graduation. This presentation also advocates for more educational resources that can be implemented at SUU for students to accomplish these goals.



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Director: Professor Matt Nickerson (Dr. Kyle Bishop will become the new director in July 2015)

Website: <http://www.suu.edu/honors/>

Honors Program

Jayci Bash and **Dr. Johnny MacLean** (Physical Science) presented "Reflection and Assessment: Evaluating the Honors Contract Experience" at the National Collegiate Honors Conference in Denver, CO, November 2014. The Honors Program has implemented a new honors contract form and process. The presentation discussed how this new process aligns the contracts with university ELOs and provides greater student support.

Professor Matt Nickerson "Tedsters and Tedheads: Partnering with TED to Bring Great Ideas to Campus" at the National Collegiate Honors Council Conference, Denver, CO, November 2014. The Honors Program has created inspiring and thought provoking experiences by bringing TED's message of "ideas worth spreading" to our campus. Prof. Nickerson discussed how quality outside partners can contribute to the intellectual life of campuses and raise the profile of honors programs.

Dr. Johnny MacLean (Physical Science) and Brian White (Graceland University) presented "Citizen Science and the Role of Service Learning in Experiential Education" at the National Collegiate Honors Council Conference, Denver, CO, November 2014. This presentation discussed the benefits of citizen science service learning to students' experiences in Glacier National Park using pre and post adventure surveys and interviews.

Dean: Richard Saunders

Website: <http://www.li.suu.edu/>



Gerald R. Sherratt Library

Library Highlights

SUU Library hired a new Archivist in spring 2015. Janet Seegmiller, long-time Special Collections Librarian, retired in April 2014 after more than thirty years at Southern Utah University. After conducting a nation-wide search and weighing the credentials and qualifications of more than a dozen applicants, SUU Archivist Paula Mitchell, was hired to fill Janet's vacancy as a faculty member. For the past year, Paula's move left a new gap in Special Collections staffing.

Filling the vacant Archivist position was tabled through 2014 until the search for a new dean was completed. In October 2014 Dr.

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Faculty Publications and Presentations

Professor Lorilyn Felix and **Professor Scott Lanning** presented "POD: Enriching Interlibrary Loan for Today's Patrons" at the SUU Festival of Excellence. In recent years, many libraries have explored using Purchase on Demand (POD) as an alternative to borrowing when filling some Interlibrary Loan requests. Concerns about delivering requested materials to patrons more quickly, paying for ever increasing postage rates, and implementing the most cost effective collection development methods motivated librarians at SUU Sherratt Library to experiment with an Interlibrary Loan Purchase on Demand program. This Presentation provides an overview of the criteria and workflow that was established, the problems encountered throughout the process, and the outcomes of the program after more than two years.

Professor Paula Mitchell, Brandon Metcalf (LDS Church History Library), Randy Williams (USU) and Alan Barnett (Utah State Archives) presented "Privacy and Confidentiality Issues in Special Collections and Archives" at the Conference of Intermountain Archivists (CIMA) at Weber State University, Utah, October 2014. Each panelist presented current issues and possible solutions to privacy and confidentiality issues in Special Collections and Archives from their respective institutions. Archivists find themselves balancing responsibility to the creators and subjects of the records on the one hand and to scholarship and public good on the other. Archivists seek to make as much information possible available to users as soon as possible, but recognize that some information must be withheld to protect legitimate interests of privacy and confidentiality.

Professor Paula Mitchell presented "Tell Me Your Story: how to conduct an oral history project" at the Southern Utah University Festival of Excellence, April 7, 2015. Special Collections has partnered on several oral history projects over the last several years. This presentation will talk about some of those projects, the value of oral histories as research, and include ideas and tips to conduct a successful oral history interview.

Professor Phil Roche and **Professor Steven Irving** presented "What's Hot in Intellectual Freedom" at the SUU Festival of Excellence, April 7, 2015. The library professors discussed how intellectual freedoms are compromised in the ever emerging online environment, especially as it regards social media applications such as Facebook, Twitter, Pinterest, YouTube, blogs, and other outlets where significant personal information is often required and under constant threat to be compromised. In addition, they examine how online entities utilize acquired

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Saunders asked Paula to chair a committee to direct a position search for the Archivist. Chaired by Paula and with the support of Scott Lanning and Carol Kunzler, in February an offer was made to Sally McDonald of Loyalton, California.

Sally earned a library degree from the University of Denver and holds professional accreditation from the Academy of Certified Archivists. She is presently completing digital-archives certification. Her experience includes several years of professional service in various capacities at Denver Public Library, including work with ContentDM, the same platform we use for digital images. She also has experience or has done coursework in exhibit design and art conservation. She began at SUU on April 16.

consumer data to both gather and sell personal information for profit. Moreover, they demonstrate methods for better protecting personal data as well as provide tips and hints to avoid leaving too large a digital footprint. Lastly, they conclude by looking at potential future developments as it concerns personal information use and safeguarding in the online environment.

Dr. Richard Saunders (Dean), and Nick Lawrence exhibited "The Other Freedom Summer: Nick Lawrence's 1964 Photographs of Fayette County, Tennessee" at the University of Tennessee at Martin, February through June, 2015. Dr. Saunders created this photograph exhibit for the J. Houston Gordon museum at the university. This is the culmination of a project he had worked on for several years and committed to complete even after leaving the university's employ. This exhibit showcased photos shot in summer 1964 by a voting rights activist that documents life and project activities in Fayette County, TN. The images are a very good representation of mid-century US poverty.

Dr. Richard Saunders (Dean) presented "The Price of Citizenship: Images of Civil Rights in Rural West Tennessee" at the SUU Festival of Excellence, April 7, 2015. This illustrated narrative documents a study of one aspect of change in rural post-war America. Civil rights efforts in rural areas are barely studied. My work is among the small handful which do so, and is the only study to integrate the shifts in economic change that underlay the political conflicts of voting rights and the subsequent accommodations made to deal with the upset of long-standing social expectations. I'd like to let the show run on a computer and I'll stand and talk with folks who come by. Does not need to be an oral presentation.

Projects

in The Iron County Record project. Over the past six years the Sherratt Library has coordinated an effort to raise funds to convert research access to the Iron County Record from microfilm to publicly accessible digital database. The Record was a local newspaper that ran from 1897 to 1982 and is a key historical resource for researchers looking for information about Iron County and its citizens.

The SUU campus administration funded the first \$10,000 toward the project in 2009, just as the Friends of the Library were organizing. Since then the Friends have taken the initiative, soliciting the project cost of contributions from members, organizations, and local companies. Contributors to this digitization project range from \$25 from individuals, to American Pacific Corp and the Cedar City Rotary Club cumulative gifts of over \$9,000 apiece.

Four years of microfilmed newspaper remain to be captured digitally, the images run through optical character recognition software, and the text files cleaned up, and the image and text files linked in the page-image and search-function databases. With a



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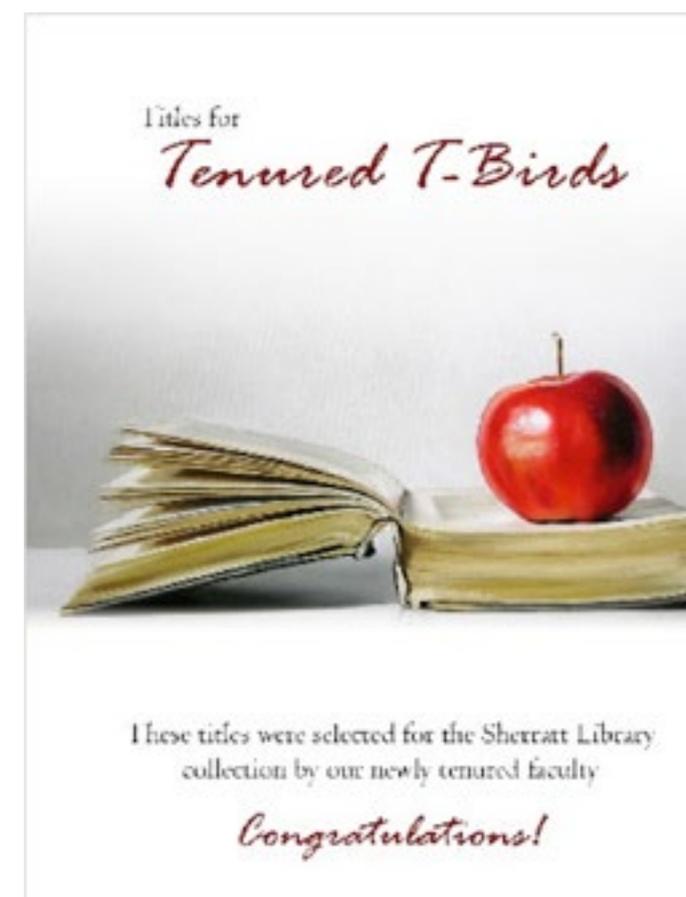
forthcoming \$2500 gift from Rotary and a number of smaller gifts, the remaining expense has been reduced to a little over \$7,000. That figure will complete the project through the final issues in 1982. Upon completion later this summer, the multi-year project cost will total approximately \$45,000.

Thanks to the efforts of the Friends of the Library board members, 93% of this valuable historical collection of news, advertising, photographs, and personal stories of Iron County is presently available to the public. Readers can browse and search the Record and see what the Friends have accomplished at <http://digitalnewspapers.org>.

Power to the People. Revolution on the Third Floor. As technology continues to expand, more and more students look for places to plug in laptop computers, tablets, and phones. Personal electronic devices and the need for electrical power have changed use patterns within the library. Individual study carrels, which students preferred as study spaces when the library was planned and built twenty years ago, now sit mostly unused. Instead, students prefer to study interactively in small, often collaborative groups. Tables, especially those adjacent to electrical outlets, are now the preferred seating.

Last year the library replaced and reconfigured outlets on the second-floor walls and third-floor pillars. Two-plug wall outlets were replaced with either four-outlet receptacles, or units with two outlets and two USB ports.

This year the library has commissioned four-plug electrical outlets to be installed along the walls around the third floor. Tables and carrels have been rearranged adjacent to the outlets. This may complicate close access to the exhibit space along the southeastern wall, but the wall will still host occasional travelling exhibitions. The new seating arrangements and power sources have proven very popular with students. In the next few years the library will replace long rows of carrels with different seating arrangements. Tables will be common, but new soft-seating chairs and low tables will be scattered through the floors as well.



"The Titles for Tenured T-Birds"



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Director: Betsy Bancroft

Website: <http://suu.edu/ugrasp/>



Bennion Administration Building

UNDERGRADUATE RESEARCH & SCHOLARSHIP PROGRAM

“The Undergraduate Research and Scholarship Program (UGRASP) at Southern Utah University is committed to fostering a community of scholars across all disciplines. As part of its mission, the program will encourage and support student-mentor collaborations in research and creative expression, preparing students to become the scholars, scientists, and leaders of tomorrow.”

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) eagerly anticipates the many ways in which students might best be served by the program.

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. This year Dixie State University hosted the state-wide event. UGRASP covers all expenses for students who present at this conference.

Dr. Stephen Allen, Vice President for Student Services

Website: <http://www.suu.edu/ss/vp/>



SUU Freshman Participation in the ALS Ice Bucket Challenge

Student Services

Presentations and Publications

Brita Fosse (CAPS) presented a peer-reviewed poster, "Factors Influencing Female Graduate Student Birth Timing" at the Utah University and College Counseling Center Conference, Park City, UT, October 2014. Original research about graduate student development issues concerning the impact of graduate school on individuals' choices around starting a family.

Karen Ganss (Coordinator of Student Engagement and Orientation) and Meagan Pepper presented "Transfer Express Orientation: A Benchmarking Project" at the National Association for College Orientation, Transition, and Retention in Orlando, FL, November 2014. This year, the Office of Orientation at SUU created a new orientation program specifically for transfer students, entitled "Transfer Express Orientation." In creating the program, Ganss and Pepper collected transfer orientation schedules from more than thirty universities across the nation to inform best practices for SUU. This resulted in a three-hour orientation program, held in summer and through the first week of class, with topics specific to transfer students. Assessment results highlight higher rates of overall satisfaction with this program from transfer participants. Findings from the benchmark project, as well as the final SUU Transfer Express Orientation were shared to an audience of over 100 orientation professionals at the conference.

Karen Ganss (Coordinator of Student Engagement and Orientation) presented "Rural Student College Transitions: A Qualitative Research Study" at the National Association for College Orientation, Transition, and Retention in Orlando, FL, November 2014. Research conducted for a graduate thesis at Oregon State University by Ganss sought to better understand the experiences of students from rural communities upon their transition and early entry to a large, public university. Results highlight the unique social and cultural barriers that rural students face when enrolling in college. Research findings as well as suggestions on how higher education professionals can improve the transition for this population were discussed during this presentation.

Karen Ganss published "Small Town, Not Small Time: Understanding the Experiences of Rural Students" in the Journal of College Orientation and Transition 21.2 (July 2014). A perspective

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article on the experiences of rural students in higher education framed by the author's experience as a rural student herself, as well as initial findings from a qualitative research study on the early experiences of rural college students (NB: This article was published under the author's maiden name, Karen Ast).

Karen Ganss and LeeAnn Baker (Oregon State University) published "Utilizing Critical Service-Learning to Ease College Transitions" in *Currents in Teaching and Learning* 7.1 (Fall 2014). This article describes a service-learning program created by the University Honors College at Oregon State University. "Morning of Service" seeks to intentionally integrate civic engagement into the first-year student experience by involving new students in community projects. Assessment results highlight that experiential and service learning projects are successful in accomplishing academic learning objectives as well as welcoming students to their new college environment.

Dr. Curtis Hill (Director Counseling and Psychological Services), Daphne Lurie, Elizabeth Gong-Guy, and Elsa Arce, presented "Irresistible Innovations in Group Counseling" at the Association for University and College Counseling Center Directors Annual Conference, Chicago, IL, November 2014. Group therapy has the potential to be a remarkably effective and efficient treatment modality on university campuses. However, group services are often underutilized by treatment providers and students alike. During this panel presentation, four experienced directors from schools that vary in size, population and mission will describe innovative group programs that resulted in successful-- and not so successful-- outcomes. Panelists will explore ways to develop counseling center cultures where groups can thrive. They will also address the management of high demand for services, the need for cultural sensitivity in group context and ethical dilemmas in group practice.

Dr. Curtis Hill presented "Collaborating with Your Counseling Center to Improve Your Program's Effectiveness: Innovations in Group Counseling that can Further the Goals of Every Student Services Office" at the 2014 Utah NASPA Conference, Logan, UT, October 2014. Meeting students' mental health and development needs is an issue impacting every aspect of university life. However, counseling centers are typically overwhelmed with demand for services which leads to many departments on campus underutilizing this vital resource. This presentation addressed new and innovative strategies to improve collaboration and access to college counseling center resources.

Bob Ogie presented "The Star Wars Saga" at the SUU Festival of Excellence, April 7, 2015. A long time ago . . . George Lucas made a mythological movie called Star Wars, Episode IV. Through an analysis of the script of this groundbreaking 1977 film, participants will discover how the movie's metaphors and message relate to the challenges of human existence in today's society.

Awards

Karen Ganss was awarded the NODA Outstanding Research Award for 2014 for her paper "Rural Student College Transitions: A Qualitative Research Study." The award was presented during the opening banquet of the National Association for College Orientation, Transition, and Retention conference.



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President: Dr. Scott Wyatt

Provost, Dr. Bradley Cook

Websites: <https://www.suu.edu/general/president/index.html>www.suu.edu/academics/provost

Provost's Office



Dr. Bradley Cook

Presentations

Dr. Bradley Cook (Provost) presented "Helen Foster Snow and her Utah Zeitgeist" at the SUU Festival of Excellence, April 7, 2015. Arguably, one of the most famous Americans in Chinese History is a woman from Cedar City. This presentation is on Helen Foster Snow, born in Cedar City in 1907, who moved to China as a young woman and was involved with the establishment of various Industrial Cooperatives that saved millions of Chinese lives. This presentation explores the following question: To what degree did her own Utah cultural background conceptually inform her motivation in championing the dispossessed and the industrial cooperatives in China?

Thomas McFarland (Chief Information Officer) presented "Analog Music Synthesizers, How to Make that Amazing Sound" at the Southern Utah University Festival of Excellence, April 7, 2015. Popular music of the 1960's and 70's had a revolutionary new sound instrument -- the music synthesizer. First viewed only as "experimental", it became a mainstay of the most influential rock bands of the era such as the Beatles, the Rolling Stones, and The Who. This presentation examines the invention and adoption of analog synthesizers from the simple Mini Moog keyboard to computer-controlled giants that filled studios with wires and modules. The presentation will include a hands-on (LOUD) demonstration of how to program patches and play one of the most talked-about instruments of the 70's, the Electronic Music Studio's Synthesizer AKS, plus an overview of how to use current digital software to reproduce that incredible sound!

Dr. John Taylor (Provost Faculty Fellow) presented "Change when change is hard" at the SUU Festival of Excellence, April 7, 2015. How do you get people to act differently? This is not a presentation about manipulation, but rather a discussion about why we behave in certain ways. Once the key components of behavior are understood, you can then explore the best way to start behaving in a new way. These principles can help with beating addictions, guiding your business team to find and initiate new ways to save costs, or changing a culture of behavior in an organization.



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Head: Stephen Allen

Website: not yet available



International students celebrate a Lunar New Year with the Sargon Heinrich Global Engagement Center



Office of International Affairs

Presentations

Professor Lark Hovey (ESL) presented "Autonomy, Collaboration, and Feedback through Technology-Enhanced Modeling" at the SUU Festival of Excellence, April 7, 2015. This presentation demonstrated how technology-enhanced, student-centered modeling increases autonomy, collaboration, and feedback. This teaching tip involves extensive use of Google Drive and the internet on any device. Sample instructional materials, resources, student assignments, and student reflections were presented and made available to attendees.

Professor Lark Hovey (ESL) presented "Accepting Responsibility: Genre Analysis and Social Issues" at the SUU Festival of Excellence, April 7, 2015. In an ever shrinking world, faculty and students are not only responsible for our personal and academic lives, but also for global social issues. For international students, this can be profoundly true. This presentation demonstrates how genre analysis and social responsibility complement each other in an ESL Listening/Speaking class for a rich and rewarding learning experience.

Professor Yasmin Motasin (ESL) presented "Implementing Project-based Learning in the ESL Classroom" at the SUU Festival of Excellence, April 7, 2015. Project-based learning (PBL) has been implemented in the language classroom for a variety of reasons ranging from flexibility of content and linguistic input to promoting students' autonomy. This presentation tackles how PBL was utilized inside an ESL classroom at Southern Utah University. It also discusses the outcomes of using such a method.

Dr. Andrea Stiefvater (Director, ESL program) presented "Reducing the Stigma of ESL" at the Education USA, Europe & Eurasia Forum, at Tbilisi, Republic of Georgia, September 2014. This was an interactive presentation to Education USA advisors, embassy and consular officials, Fulbright directors, and higher education representatives representing 45 countries in Europe and Eurasia.

Dr. Andrea Stiefvater (Director, ESL program) and Professor Andrzej Lenard (Mathematics) presented "Language and Community of Practice in Undergraduate Mathematics Classes" at the TESOL International Conference, Toronto, Ontario, March 2015.

Dr. Andrea Stiefvater (Director, ESL program) presented "Reducing the Stigma of ESL" at the TESOL International Conference, Toronto, Ontario, March 2015.

Faculty Scholarly Support Fund Grant

Congratulations to the following faculty on being awarded grants for their research, presentations, and other special projects. For more information go to <http://www.suu.edu/academics/provost/pfdvl/>

School of Business

Jeff Barnes
Gerald Calvasina
Alan Hamlin
Joshua Price

Walter Maxwell Gibson College of Science and Engineering

Jim Brandt
Daniel Eves
Roger Fischer
Derek Hein
William Heyborne
Amber McConnell
Andrew Misseldine
Chris Monson
J. Ty Redd
Kim Weaver
Andreas Weingartner
Dezhi Wu

Beverly Taylor Sorenson College of Education and Human Development

Bruce Barker
Rea Gubler

College of Performing and Visual Arts

Rheana Gardner
Jessica Gerlach
Susan Harris
Denise Purvis
Russell Wrangle
Deborah Snider
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Library

Phil Roche

SUU
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O N L I N E

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COMMUNITY ENGAGEMENT CENTER

CREATIVITY CENTER

OUTDOOR ENGAGEMENT CENTER

LEADERSHIP ENGAGEMENT CENTER

GLOBAL ENGAGEMENT CENTER

SCHOOL OF BUSINESS

COLLEGE OF EDUCATION & HUMAN
DEVELOPMENT

COLLEGE OF HUMANITIES &
SOCIAL SCIENCES

COLLEGE OF PERFORMING &
VISUAL ARTS

COLLEGE OF SCIENCE & ENGINEERING

SCHOOL OF CONTINUING AND
PROFESSIONAL STUDIES

UNIVERSITY COLLEGE

HONORS PROGRAM

LIBRARY

UNDERGRADUATE RESEARCH &
SCHOLARSHIPS PROGRAM

STUDENT SERVICES

PROVOST'S OFFICE

OFFICE OF INTERNATIONAL AFFAIRS

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