



**Rock Research Expo 2016**

**In this issue:**

<b>Welcome</b>	<b>1</b>
<b>From the Provost</b>	<b>2</b>
<b>Feature Story</b>	<b>3</b>
<b>Recent Publications</b>	<b>6</b>
<b>Recent</b>	
<b>Presentations/Performances/Exhibitions</b>	<b>11</b>
<b>Recent Research Activities/Accolades</b>	<b>21</b>
<b>FAO</b>	<b>23</b>

**The Scope of RRE includes:**

- Recent publications of faculty members and students (title, authors, and optional abstract)
- Recent research projects and grant acquisition (title, authors, brief description)
- Recent conference presentations, performances, and exhibitions of faculty members and students
- Announcement of research related activities

**WELCOME**

**Aims**

The aim of the Rock Research Expo (RRE) is to serve as a newsletter that keeps our campus informed of the scholarly endeavors and potential research opportunities for both faculty members and students.

Specifically, RRE:

- Shares new knowledge of different disciplines on campus
- Provokes students' interests and curiosity in knowledge exploration
- Promotes long term academic communication and collaboration on campus, and most importantly
- Develops a success-driven environment of learning for faculty members and students

**The Policies of RRE area:**

- Anyone can submit their information via email. Student submissions need to have a supporting letter or email from a faculty member
- The basic submission standards for the newsletter will be that the submitted material be legible, pertinent, and appropriate to present to the campus community
- Authors are responsible for the accuracy of their submissions. Newsletter editors and SRU will NOT be responsible for the verification of the submitted information

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SRU faculty are devoted teachers who seek to make all students successful. In addition, they engage in various forms of scholarship and creative arts. Scholarship itself makes course content cutting-edge, while its motivating factors of curiosity, creativity, intellectual dynamism, and enthusiasm are

infectious and help fuel learning in the classroom.

Faculty often go to great lengths to involve students in their research and to mentor them in their own research. Although the creation of new knowledge is a key element of this process, we are more proud of the collaboration and learning that occurs between teacher and learner. Why? One of the key elements of the SRU Strategic Plan is developing high-impact practices for students. High-impact practices are deemed essential to developing students as educated citizens, and studies show that these practices have a positive effect on retention and success. Research that teams faculty and students is one of these practices.

SRU is proud to offer the Rock Research Expo (RRE) again. RRE highlights the impressive accomplishments of faculty in the areas of publications, presentations, performances and exhibitions.

Best regards,

Philip Way

Provost and VP for Academic and Student Affairs

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## FEATURE STORY

### Going Public: The Stone House Center for Public Humanities

There is a lot of debate in national higher education circles about the place of the humanities in the 21<sup>st</sup> century American university. Some claim the humanities are in “crisis” as politicians seek to steer public funding toward professional degrees or STEM research, and point to declines in enrollment in humanities majors as further proof of the diminishing influence of disciplines like philosophy, history, literature, arts, and anthropology to contemporary society.

Fortunately, these dire forecasts have been answered by a large chorus of voices – often from scientists and the corporate sector – that see the humanities as central to higher education, and to a democratic society. Many of these advocates have argued for public engagement as the key to humanities teaching and scholarship in the new millennium.<sup>1</sup>

In many ways, public engagement is one of the most innovative practices within the humanities today, and institutions of higher education across the country are increasingly reclaiming the public good of the humanities and seeking ways to apply its insights to contemporary society.

The Stone House Center for Public Humanities (CPH), established in 2014 in the College of Liberal Arts, connects the university’s humanities departments (faculty and students) to the broader community by offering collaborative educational programming, public forums, workshops, and service learning opportunities, all focused on bringing the insights of the humanities to bear on contemporary public life.

While the CPH uses the SRU-owned Butler County landmark Old Stone House as its namesake, the programs of

the CPH are not limited to this historic site. Rather, the name is symbolic -- in the 19th century, the Stone House was a meeting place at a crossroads, just as the new center seeks to build “meeting places” between campus and community through its programs.

Since the CPH’s launch, it has offered several public educational opportunities, such as the Center’s Historic Foodways cooking courses, community archaeological digs and an exhibit of original World War I propaganda posters; the latter a collaborative effort between SRU’s Art, English, History, Interdisciplinary Studies, and library departments.



The Center is co-directed by Dr. Aaron Cowan, Associate Professor of History and Dr. Lia Paradis, Associate Professor of History and Department Chair. An advisory board includes faculty from a number of SRU departments, including English, philosophy, art, political science, interdisciplinary studies and social work. The CPH has also established relationships with community partners like the Butler County Historical Society, the county public library system and the Bottlebrush Gallery in Harmony, PA.



### *Enhancing Student Learning*

But the CPH is far more than an outreach or community enrichment project. One of the Center's primary aims is to provide SRU students with a "laboratory" for practicing the essential skills of publicly-engaged research and application. All of the Center's programs are designed to maximize student service learning and "real world" experience, something not always emphasized in the traditional humanities curriculum.

Humanities programs in leading universities around the country are increasingly emphasizing the importance of public engagement and non-traditional methods of communication for scholars. For SRU students to receive a complete education in humanities for the 21st century, they need to learn and practice these skills. The Center for Public Humanities provides the instrument to do exactly that.

Students have been incorporated into the CPH from its beginning, helping craft the center's vision, mission, and strategic plan, assisting in planning and implementing exhibits and programs, and contributing research and their own scholarly insights to a number of ongoing projects.

### *Research and Service Learning Opportunities*

So what does "public humanities" look like in action? Here are a few examples of current initiatives:

- **The Humanities Ladder** -- an innovative program based on the internationally-recognized Clemente Course in the Humanities, this pilot project began in Fall 2015 in collaboration with Aliquippa High School. SRU professors visit the classroom weekly to offer engaging, college-level curriculum in philosophy, literature, and history and help students explore the relationship of these disciplines to their everyday lives. By providing challenging, humanities-based enrichment to students, the program aims to develop students' critical thinking, reading, and writing skills, and, through sustained relationships with college faculty and students, potentially giving them the confidence and skills necessary to pursue higher education.



The program begins in the sophomore year and continues through graduation, and will assess student participants' educational outcomes (reading and writing skills, college matriculation, etc.) over the period to measure the impact of the program.

- **Butler County Historical** -- a digital history project that integrates archival images and historical narratives into engaging digital stories that are overlaid onto their geographic locations. Development of content and tour design is a partnership between the CPH and the Butler County Historical Society; students in Dr. Aaron Cowan's

Public History classes conduct local history research, write original stories, and curate archival images for the project. See [www.butlerhistorical.org](http://www.butlerhistorical.org)

- **Western Pennsylvania Foodways** -- a workshop course for both community and SRU students exploring the social, cultural, economic, and political significance of food production and consumption patterns in the history of Western Pennsylvania.

A hands-on cooking component will engage students in opportunities for rich experiential knowledge of cooking methods and food wisdom of the past. Moving beyond a nostalgic “butter-churning” approach, the Foodways workshop will also challenge students to consider contemporary issues of food politics, agriculture, and sustainability.

SRU's mission states, in part, that the University exists to address the “educationally-related economic, health, environmental and recreational needs of the region served by the University.” The work of the Stone House CPH is thus an extension of the core function of Slippery Rock University. The Center will continue to make the wealth of the humanities available and accessible to everyone, because the ideas and ways of thinking about the world learned through studying the humanities are essential for a thoughtful, just, and prosperous society.

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<sup>1</sup> See, for example, Cantor, Nancy, "Academic Excellence and Civic Engagement: Constructing a Third Space for Higher Education" (2010). *Office of the Chancellor*. Paper <http://surface.syr.edu/chancellor/1>;

Michael Roth (President, Wesleyan University) “On Scholarship and Public Life,” *Huffington Post* [http://www.huffingtonpost.com/michael-roth/on-scholarship-and-public\\_b\\_827127.html](http://www.huffingtonpost.com/michael-roth/on-scholarship-and-public_b_827127.html);

James Stoll, “The Economic Logic of the Humanities,” *Chronicle of Higher Education*, February 24, 2014 <http://chronicle.com/article/The-Economic-Logic-of-the/144813/>

James Mulholland, “It’s Time to Stop Mourning the Humanities,” *Chronicle of Higher Education*, June 1, 2010. <http://chronicle.com/article/Its-Time-to-Stop-Mourning-the/65700/>

## RECENT PUBLICATIONS

**Ambrosio, Nora (Department of Dance)** (2016) *Learning about Dance*, 7<sup>th</sup> edition, Kendall/Hunt Publishing Company, 2016. This book has been adopted by over 150 colleges and universities.

**Ambrosio, Nora (Department of Dance)** (2015) "Critical Thinking and the Teaching of Dance," *Dance Education in Practice*, 1, 2015.

Azar, M. R., **T. T. Boron, III (Department of Chemistry)**, K. A. Zegalia, G. M. Ferrence, M. Zeller, J. W. Kampf, V. L. Pecoraro, C. M. Zaleski (2014) "Controllable Formation of Heterotrimetallic Coordination Compounds - Systematically Incorporating Lanthanide and Alkali Metal Ions into the Manganese 12-Metallacrown-4 Framework," *Inorganic Chemistry*, 53, 1729-1742.

**Beeching, Simon C. (Department of Biology), Jared T. Caroff, Stephanie L. Case, Shane H. Duda, Brooke E. Henry, and Kristyn E. Pristov (Department of Biology majors)** (2015) "Avoidance behavior in two sympatric planaria species: effects of conspecific and heterospecific chemical alarm cues," *Marine and Freshwater Behaviour and Physiology*, 48(6).

### **Abstract:**

Planaria are common flatworms in Pennsylvania waters, and are famous for their regeneration and learning abilities. Student researchers in Dr. Simon Beeching's laboratory group were able to demonstrate that planaria are sensitive to the odors of injured planaria, and can exhibit avoidance of areas where other planaria have been injured. Most exciting was the finding that planaria can detect injury in both their own and other species of planaria.

**Boerger, E. A. (Department of Psychology) and Hoffman, A. J (Department of Psychology major)** (2015) "Character development in the school years: Relations among Theory of Mind, moral identity and positive and negative behavior toward peers," In C. Miller, A. Knoebel, R. M. Furr, & W. Fleeson (Eds.) *Character: New Directions from Philosophy, Psychology, and Philosophy* (pp. 467-489). New York, NY: Oxford University Press.

### **Abstract:**

During the elementary school years, peer relationships are an important context for moral development, yet children differ in the extent to which their behavior toward peers reflects concern with moral issues. In this chapter we provide an overview of individual differences in children's peer relationships including recent work on the social dynamics of bullying. We next discuss development in moral reasoning as it relates to children's understanding of the moral implications of prosocial and aggressive behavior toward peers. Against this background, we review literature on two factors that may explain individual differences in children's behavior toward peers: Theory of Mind and moral identity. Finally, we discuss how moral identity may interact with Theory of Mind to predispose children to either a predominantly prosocial or aggressive orientation toward peers, and discuss findings from our lab that provide initial support for the hypothesized interaction.

Brown CD, **Keeley K (Department of Exercise & Rehabilitative Sciences)**, Potteiger K (2015) "The use of apps in Athletic Training, Part I: apps for sideline management," *International Journal for Athletic Therapy and Training*, 20(3), 13-19.

**Chmielewski, J.G. and Kravesky, D.M. (Department of Biology)** (2015) Noteworthy Collections: Pennsylvania *Castanea* 80: 37-42.

### **Abstract:**

Two species, *Amorpha fruticosa* and *Yucca filamentosa*, new to northwestern Pennsylvania, are reported from the Gull Point region of Presque Isle State Park. One of these, *A. fruticosa*, is weedy and/or invasive and a noxious weed in parts of its distribution. *Yucca filamentosa* is also reported to occur in Butler County in western Pennsylvania. A third species, *Sedum acre*, is reported as new to Presque Isle State Park, but not to Erie County per se. A fourth species, *Hyacinthoides hispanica* is reported as new to Pennsylvania.

**Colvin, Andrew (Department of Philosophy)** (2016) "Nonaction and the Art of Blending: Daoist Principles in Aikido." *Journal of Daoist Studies (JDS)*, 9, 159-172.

**Covey, William (Department of English)** (2015) "MR AND MRS SMITH: Alfred Hitchcock's Experiment in

Screwball Comedy." *Interdisciplinary Humanities* Special Issue: Alfred Hitchcock: A Cinema of Beneficial Shocks 32.1 (Spring 2015), 42-52.

**Covey, William (Department of English)** (2015) Book Review on "KISS THE BLOOD OFF MY HANDS: ON CLASSIC FILM NOIR," Robert Miklitsch, Ed. Urbana, IL: University of Illinois Press, 2014. *The Quint: An Interdisciplinary Quarterly From The North*, 7.4 (September 2015), 251-255.  
<https://www.ucn.ca/sites/academics/facultyarts/programofferings/arts/humanities/The%20Quint/The%20Quint%20v7.4.pdf>

**Covey, William (Department of English)** (2015) Book Review on "NIGHTMARE ALLEY: FILM NOIR AND THE AMERICAN DREAM," Mark Osteen. Baltimore, MD: Johns Hopkins University Press, 2013. *Journal of Film and Video*, 67(2) (Summer 2015), 56-58.

Deb, A., **T. T. Boron, III (Department of Chemistry)**, M. Itou, Y. Sakuria, T. Mallah, V. L. Pecoraro, J. E. Penner-Hahn (2014) "Understanding Spin Structure in Metallocrown Single-Molecule Magnets using Magnetic Compton Scattering," *Journal of the American Chemical Society*, 136, 4889-4892. (The research presented the first use of magnetic Compton scattering to measure the spin structures of single-molecule magnets. This work allowed the authors to understand the source of the electron spin values in our magnets.)

**DeNicola, D. M. (Department of Biology)** and A.J. Lellock (2015) "Nutrient limitation of algal periphyton in streams along an acid mine drainage gradient," *Journal of Phycology*, 51, 739-749.

Gabriel, D., Schmidt, W.E., **Krayesky, D.M. (Department of Biology)**, Harris, D.J., and Fredericq, S. (2015) "The species of *Peyssonnelia* Decaisne 1842 (Peyssonneliales, Rhodophyta) in the Azores: from five to one," *Arquipelago-Life and Marine Science* 32: 1-9.

#### **Abstract:**

The family Peyssonneliaceae comprises a worldwide group of non-calcified to calcified, crust-forming red algae of great ecological significance. Of the genera currently recognized in the family, *Peyssonnelia* has been widely considered to contain the largest number of species, with five members reported for the Azores. Using *rbcl* as a molecular marker, we here report on the taxonomic identity of recent

collections of Peyssonneliaceae from the Azorean islands of São Miguel, Graciosa and Pico, and compare those specimens in a worldwide context. Only a single *Peyssonnelia* species, *P. squamaria*, is confirmed for the Azorean archipelago, with three different haplotypes. Although the populations in the Azores are genetically different from those occurring in the Mediterranean, this separation appears to be relatively recent.

Emekter, Riza and **Benjamas Jirasakuldech (School of Business)** (2016) "A Study of Nonlinear Dynamics in Equity Market: Evidence from Turkey," *Business and Economics Research Journal*, January 2016 (forthcoming).

**Galbraith, Diane D. and Sunita Mondal (School of Business)** (2016) "University Business Students: A Destination Study", *International Journal of Strategic Management*, 16(1), May 2016.

Glatzel, P. H. Schroeder, Y. Pushkar, **T. T. Boron, III (Department of Chemistry)**, S. Mukherjee, G. Christou, V. L. Pecoraro, J. Messinger, V. K. Yachandra, U. Bergmann, J. Yano (2013) "Electronic Structural Changes of Mn in the Oxygen-Evolving Complex of Photosystem II during the Catalytic Cycle," *Inorganic Chemistry*, 52, 5642-5644.

**Hadley, Susan (Department of Music)** (2016) co-editor with George Yancy and Maria del Guadalupe Davidson, *Our Black Sons Matter: Mothers Talk about their Fears, Sorrows, and Hopes*, Rowman & Littlefield, 2016.

**Hadley, Susan (Department of Music)** (2016) "Inside/Outside," in G. Yancy, M. Davidson, and S. Hadley (Eds.). *Our Black Sons Matter: Mothers Talk about their Fears, Sorrows, and Hopes*, Rowman & Littlefield, 2016.

**Hadley, Susan, and Nicole Hahna (Department of Music)** (2016) "Feminist Perspectives in Music Therapy," in J. Edwards (Ed.) *The Oxford Handbook of Music Therapy*, Oxford: Oxford University Press, 2016.

**Hadley, Susan (Department of Music)** and Jane Edwards (2016) "Narrative Inquiry," in B. Wheeler & K. Murphy (Eds.) *Music Therapy Research (Third Edition)*, Gilsum, NH: Barcelona Publishers, 2016.

**Hadley, Susan (Department of Music)** and Randi Rolvsjord (2016) "Critical Inquiries: Feminist Perspectives and Transformative Research," in B. Wheeler & K. Murphy (Eds.) *Music Therapy Research (Third Edition)* Gilsum, NH:

Barcelona Publishers, 2016.

**Hadley, Susan (Department of Music)** (2016)

“Interpretivist Historical Research,” in B. Wheeler & K. Murphy (Eds.) *Music Therapy Research (Third Edition)*, Gilsum, NH: Barcelona Publishers, 2016.

**Hadley, Susan (Department of Music)** and Marisol Norris

(2015) "Musical Multicultural Competency in Music Therapy: The First Step," *Music Therapy Perspectives*, Advance Access published December 7, 2015. doi: 10.1093/mtp/miv045

**Hadley, Susan (Department of Music)** and William Davis (2015) “History of Music Therapy,” in B. Wheeler (Ed.) *Music Therapy Handbook*, New York: Guildford Press, 2015.

**Hartmann, H., Julie A. Snow (Department of Geography,**

**Geology, and the Environment)**, Stein, S., Su, B., Zhai, J., Jiang, T., Krysanova, V. and Kundzewicz, Z.W. (2016) “Predictors of Precipitation for Improved Water Resources Management in the Tarim River Basin: Creating a Seasonal Forecast Model,” *Journal of Arid Environments*, 125, 31-42.

**Michael E. Holmstrup, Steven D. Verba, Jeffrey S. Lynn (Department of Exercise and Rehabilitative Sciences)**

(2015) “Developing Best Practices Teaching Procedures for Skinfold Assessment: Observational Examination using the Think Aloud Method,” *Advances in Physiology Education*. 39(4), 283-287.

**Abstract:**

Skinfold measurement is valid and economical; however, it has a steep learning curve. The Think Aloud method allows insight into cognitive processes that underlie the completion of complex tasks through participant verbalization. The present study was undertaken to quantify procedural and cognitive characteristics of skinfold measurement. After introducing Think Aloud, seventy-five undergraduates with varied curricular exposure performed a seven-site skinfold assessment on a test subject. A trained practitioner recorded procedural observations, with transcripts generated from session audio recordings. Participants who measured all seven sites had each site compared to a criterion measurement. Bias scores were generated. Participants

whose total bias fell within  $\pm 3.5\%$  of the standard were proficient (PRO; n=25), with the remainder non-proficient (NON; n=37). An independent samples t-test was used to compare procedural and cognitive observations across groups. Large deviations were noted between PRO and NON for the chest ( $2.6 \pm 1.7$  vs.  $5.7 \pm 2.7$ mm), abdominal ( $2.0 \pm 1.6$  vs  $4.4 \pm 2.5$ mm), and thigh sites ( $1.7 \pm 1.2$  vs.  $4.7 \pm 2.7$ mm), while both groups had difficulty with supriliac ( $9.5 \pm 1.7$  vs.  $10.7 \pm 3.2$ mm). PRO were significantly more likely to utilize anatomical landmarks (88.0 vs. 64.9%;  $P < 0.05$ ) and a confident grasp (88.0 vs. 40.5%;  $P < 0.05$ ). Likewise, PRO completely verbalized the chest (44.0 vs. 16.2%), midaxillary (100.0 vs. 70.3%), supriliac (48.0 vs. 16.2%), and abdominal landmarks (60.0 vs. 27.0%) compared to NON. Additional curricular exposure was shown to improve skills associated with skinfold measurement. Specific sites (e.g. supriliac), procedural (e.g. landmark identification) and cognitive skills (e.g. complete site explanation) were identified to be highlighted during targeted instructional practices

**Keeley K (Department of Exercise & Rehabilitative Sciences)**, Walker SE, Hankemeier DA, Martin M, Cappaert T (2016) “Athletic trainer’s beliefs about implementation of evidence-based practice,” *Journal of Athletic Training*, 51(1), 35-46.

**Keeley K (Department of Exercise & Rehabilitative Sciences)**, Potteiger K, Brown CD (2015) “Athletic training education: there’s an app for that,” *Athletic Training Education Journal*, 10(2), 190-199.

**Kemeny, E. (Department of Parks and Recreation)** and J. B. Mabry (2015) “Making meaningful improvements to direct care worker training through informed policy: Understanding how care setting, structure, and culture matters,” *Gerontology and Geriatrics Education*. Retrieved at doi 10.1080/02701960.2015.1103652

**Kemeny, E. (Department of Parks and Recreation Department)** and J. B. Mabry (2015) “Changing paradigm for supporting aging individuals’ health and well-being: A framework for professional development,” *SCHOLE: A Journal of Leisure Studies and Recreation Education*, 30(2), 53-70.



**Kemeny, E., D. Hutchins (Department of Parks and Recreation), S. Russell, R. Kerr, and H. Compton (Department of Parks and Recreation majors)** (2015)

“Comparative effectiveness of recreational therapy and general recreation in youth with autism spectrum disorders,” 2015 *Research Institute Abstracts*: American Therapeutic Recreation Association.

Krewald, V.\*, B. Lasalle-Kaiser\*, **T. T. Boron, III (Department of Chemistry)**, J. Kern, M. A. Beckwith, V. K. Yachandra, V. L. Pecoraro, J. Yano, F. Neese, S. DeBeer (2013) “The Protonation States of an Oxo-Bridged Mn<sup>IV</sup>-Dimer Resolved by Experimental and Computational Mn K Pre-Edge X-Ray Absorption Spectroscopy,” *Inorganic Chemistry*, 52, 12904-12914. (\* These author contributed equally).

Kundzewicz, Z.W., Merz, B., Vorogushyn, S., **Hartmann, H. (Department of Geography, Geology, and the Environment)**, Duethmann, D., Wortmann, M., Huang, S., Su, B., Jiang, T. & V. Krysanova (2015) “Analysis of changes in climate and river discharge with focus on seasonal runoff predictability in the Aksu River Basin,” *Environmental Earth Sciences*, 73(2), 501-516.

Lasalle-Kaiser, B.\*, **T. T. Boron, III\* (Department of Chemistry)**, V. Krewald \*, J. Kern, M. A. Beckwith, H. Schröder, R. A. Mori, T.-S. Weng, D. Sokaras, F. Neese, U. Bergmann, V. K. Yachandra, S. DeBeer, V. L. Pecoraro, J. Yano (2013) “Experimental and Computational X-Ray Emission Spectroscopy as a Direct Probe of Protonation States in Oxo-Bridged Mn<sup>IV</sup>-Dimers Relevant to Redox-active Metalloproteins,” *Inorganic Chemistry* 52, 12915-12922. (\* These authors contributed equally.)

Lien, Chai-ying, **Brock T. Jensen (Department of Exercise and Rehabilitative Sciences)**, David S. Hydock, Reid Hayward (2015) “Short-term exercise training attenuates acute doxorubicin cardiotoxicity,” *Journal of Physiology and Biochemistry*. (DOI:10.1007/s13105-015-0432-x), 1-10, 2015.

**Abstract:**

Doxorubicin (DOX) is a potent and widely used antineoplastic agent. Despite the efficacy of DOX, its clinical use is limited by a dose-dependent cardiotoxicity. Chronic exercise training has been shown to protect against DOX-induced cardiotoxicity. It is less clear whether

short-term exercise can attenuate DOX-induced dysfunction. The purposes of this study were to determine if short-term wheel running and treadmill exercise training can attenuate the cardiac dysfunction that accompanies DOX treatment and to investigate possible mechanisms that may be involved with any protective effects of exercise. Male Sprague-Dawley rats engaged in a short-term 5-day voluntary wheel running (WR) or treadmill exercise (TM) regimen. Following the exercise preconditioning period, animals received either 10 or 15 mg/kg of DOX or an equivalent volume of saline (SAL). Five days after DOX/SAL exposure, cardiac function was examined. Western immunoblotting was used to quantify left ventricular sarcoendoplasmic reticulum calcium-ATPase 2a (SERCA2a) protein expression. Exercise preconditioning attenuated in vivo and ex vivo cardiac dysfunction observed with DOX treatment alone. Specifically, short-term treadmill exercise (TM + DOX10, 56 ± 4 %; TM + DOX15, 48 ± 5 %) and voluntary wheel running (WR + DOX10, 51 ± 5 %; WR + DOX15, 45 ± 3 %) consistently preserved fractional shortening when compared to sedentary (SED) animals treated with DOX (SED + DOX10, 48 ± 4 %; SED + DOX15, 39 ± 6 %). Likewise, both exercise protocols preserved left ventricular developed pressure (TM + DOX10, 115 ± 6 mmHg; TM + DOX15, 85 ± 5 mmHg; WR + DOX10, 92 ± 12 mmHg; WR + DOX15, 91 ± 8 mmHg) when compared to SED animals treated with DOX (SED + DOX10, 79 ± 6 mmHg; SED + DOX15, 69 ± 7 mmHg). SERCA2a expression was also preserved in TM + DOX and WR + DOX. These findings suggest that short-term exercise prior to DOX treatment may be a valuable adjuvant therapy to offset acute cardiotoxicities and that maintaining calcium handling in cardiomyocytes may be responsible, in part, for the preservation in cardiac function.

**Losko, Joseph (Department of Safety Management)** and Tracey Cekada (2015) “Key Competencies: Preparing Graduates for the Global Workplace”, *Professional Safety*, December 2015, 45-49.

**Lynn, Jeff, Joy Urda, and Carena Winters (Department of Exercise and Rehabilitative Sciences)** (2015) “Slippery Rock University: A Case Study of Success in Exercise is Medicine® on Campus,” *ACSM’s Health & Fitness Journal*, 19(4), 34-36.

**Melago, Kathleen A. (Department of Music)** (2016) "The Music Methods Competency Examination: A Benchmark Assessment for Teacher Candidates." In *Connecting Practice, Measurement, and Evaluation: Selected papers from the Fifth International Symposium on Assessment in Music Education*, edited by Timothy S. Brophy, Jeffrey H. Marlatt, and Gary Ritcher, 273-287. Chicago: GIA Publications, 2016.

**Melago, Kathleen A. (Department of Music)** (2015) "Using Irish Flute Techniques in Traditional Flute Choirs," *Flute Talk*, 35(5) (January 2016), 39-40.

**Melago, Kathleen A. (Department of Music)** (2015) "Music for Life," *The Instrumentalist*, 70(3) (October 2015), 4-5.

**Melago, Kathleen A. (Department of Music)** (2015) "Fall Semester is a Fresh Start!" *PMEA News*, 80(1) (Fall 2015), 44-45.

**Melago, Kathleen A. (Department of Music)** (2015) "Lessons that Music Student Teachers Can Learn by Observing Teachers of Other Disciplines," *Teaching Music*, 23(1) (August 2015), 26-27.

**Melago, Kathleen A. (Department of Music)** (2015) "Good Music Education Majors Do Not Take the Summer Off!" *PMEA News*, 79(4) (Summer 2015), 40-41.

**Peacock, Sunita (Department of English)** (2015) "Trickster or Colonizer: The Latent Effects of Colonialism in Efuia Sutherland's play, *The Marriage of Anansewa*," *Journal of Literature and Art Studies*. 5(6), June 2015.

Potteiger K, Brown CD, **Keeley K (Department of Exercise & Rehabilitative Sciences)** (2015) "The use of apps in Athletic Training, Part II: applications for clinical management," *International Journal for Athletic Therapy and Training*, 20(3), 20-24.

**Rehorek, SJ. (Department of Biology), Cunningham, JM., Johnson, JL., Bruening, A. (Department of Biology majors), Bhatnager, K., Smith, TD (School of Physical Therapy), and Hillenius, WJ.** (2015) "Development of the Nasolacrimal Apparatus in the Mongolian gerbil (*Meriones unguiculatus*)," *Journal of Morphology*, 276, 1005-1024. DOI:10.1002/jmor.20393.

**Ridener, R. and S. Kuehn (Department of Criminology and Security Studies)** (2015) *Butler County Veterans Court Process Evaluation*. Report submitted to Butler, Pennsylvania Court of Common Pleas.

Tantillo, M., **McGraw, J. S. (Department of Psychology), Hauenstein, E., and Groth, S. W.** (2015) "Partnering with patients and families to develop an innovative multifamily therapy group treatment for adults with Anorexia Nervosa," *Advances in Eating Disorders: Theory, Research, and Practice*, 3(3), 269-287. doi: <http://dx.doi.org/10.1080/21662630.2015.1048478>

Tavenor, Nathan, Reinert Zachary, **George Lengyel (Department of Chemistry)**, Brian Griffith, W. Seth Home (2016) "Comparison of Design Strategies for  $\alpha$ -Helix Backbone Modification in a Protein Tertiary Fold", *Chemical Communications* (forthcoming).

**Winters, Andrew M. (Department of Philosophy)** (2015) "Some Benefits of Getting It Wrong: Guided Unsuccessful Retrievals and Long-Term Understanding," *American Association of Philosophy Teachers Studies in Pedagogy*, 1, 179-190.

**Winters, Carena (Department of Exercise and Rehabilitative Sciences)** and Sallis RE (2015) "Five Steps to Launching Exercise is Medicine® on Your Campus," *ACSM's Health & Fitness Journal*, 19(4), 28-33.

## RECENT PRESENTATIONS/ PERFORMANCES/EXHIBITIONS

**Ambrosio, Nora (Department of Dance)** (2015) presented “Developing and Articulating Student Competencies: Articulating Expectations and Results” at the National Association of Schools of Dance conference, Tucson, AZ, 2015.

**Ambrosio, Nora (Department of Dance)** (2015) led a four-hour training session entitled “Workshop for Visiting Evaluators” at the National Association of Schools of Dance conference, Tucson, AZ, 2015.

**Ambrosio, Nora (Department of Dance)** (2015) presented a new work entitled “At First Glance” for the Faculty and Guest Artist Dance Concert, Succop Theatre, Butler, PA, 2015.

**Ambrosio, Nora (Department of Dance)** (2015) recreated a work entitled “Bohemia” for the Faculty and Guest Artist Dance Concert, Succop Theatre, Butler, PA, 2015.

**Bontrager, Cory, Tanner Geibel, Tanner (Department of Chemistry Majors), and Lengyel, George (Department of Chemistry)** (2016) “A Facile Method for the Hydrolysis of a Nickel Schiff Base Complex Useful for Synthesis of Side-Chain Protected Unnatural Amino Acids,” presentation at the Regional American Chemical Society Meeting, Covington, KY, March 18-21, 2016.

### **Abstract:**

Polypeptides are sequences of amino acids that can fold into secondary structures such as  $\alpha$ -helices and  $\beta$ -sheets. Incorporating unnatural amino acids into polypeptides can influence folding of the secondary structures. Many unnatural amino acids can be synthesized using a nickel Schiff-base complex. Standard decomposition techniques of this complex require refluxing with HCl. These harshly acidic conditions can remove acid-labile protecting groups from the side chains of the desired amino acids. To circumvent this issue and to provide synthetic access to unnatural amino acids with side chain protecting groups, we have devised a novel method of hydrolysis using EDTA with mild pH conditions. These conditions should prevent the loss of side chain protecting groups while enabling facile hydrolysis of the nickel Schiff-base complex.

**Boerger, E. A. (Department of Psychology)** (2015) “Insights on private foundation grants and issues involved in moving grants,” In E. Keener (chair) *Winning the Grant Game: Now What?* Conversation hour presented at the annual conference of the American Psychological Association, Toronto, Canada, August 2015.

**Boerger, E. A. (Department of Psychology), Falkowitz, S., Shiel, M., and Williams, D. (Psychology Major)** (2015) “Self-esteem predicts prosocial behavior among children high (but not low) in moral internalization,” Poster presented at the annual conference of the American Psychological Association, Toronto, Canada, August 2015.

**Boerger, E. A. (Department of Psychology)** (2015) “Theory of Mind moderates the effect of moral identity on aggression in children’s peer relationships,” Poster presented at the biennial conference of the Society for Research in Child Development, Philadelphia, PA, March 2015.

**Boerger, E. A. (Department of Psychology)** (2015) “Grannies, witches and Sasha Obama: Children’s reasoning about familiar, unfamiliar, and fantastical beings,” Paper presented at the 2015 meeting of the Pennsylvania State System Psychology Conference (PaPC), Slippery Rock University, Slippery Rock, PA, October 2015.

**Boerger, E. A. (Department of Psychology), Falkowitz, S., Shiel, M., and Williams, D. (Psychology Major)** (2015). *Self-esteem predicts prosocial behavior among children high (but not low) in moral internalization.* Poster presented at the 2015 meeting of the Pennsylvania State System Psychology Conference (PaPC), Slippery Rock University, Slippery Rock, PA, October 2015.

**Boron, T.T., III (Department of Chemistry), Andrew H. Davis (Department of Chemistry Major), K. Moore, C. Zaleski, J. W. Kampf, and V. L. Pecoraro** (2016) “Exploration of Single-Molecule Magnetism of a Family of  $[\text{Ln}^{\text{III}}_4\text{Mn}^{\text{III}}_4]$  ( $\text{Ln}^{\text{III}} = \text{Y}^{\text{III}}, \text{Dy}^{\text{III}}, \text{Ho}^{\text{III}}, \text{Er}^{\text{III}}$ ) Compounds,” Post presentation, 251<sup>st</sup> National Meeting of the American Chemical Society, San Diego, CA, U.S., March 2016.

Brown CD, Potteiger K, **Keeley K (Department of Exercise & Rehabilitative Sciences)** (2016) “Innovative Ways for Implementing Evidence Based Practice Techniques within the Curriculum,” Oral presentation at 6<sup>th</sup> Biennial South East Athletic Trainers’ Association Athletic Training Educators’ Conference, Atlanta, GA, February 2016.

Brown CD, Potteiger K **Keeley K (Department of Exercise & Rehabilitative Sciences)**, Lundgren A, David S. (2016) "A Comparison Between Undergraduate Athletic Training Program Entrance Requirements and Board of Certification First-Time Pass Rate," Poster presented at 6<sup>th</sup> Biennial South East Athletic Trainers' Association Athletic Training Educators' Conference; Atlanta, GA, February 2016.

**Colvin, Andrew (Department of Philosophy)** (2015) "Ethics Bowl; What? How? Why?" presented at the 28<sup>th</sup> Annual Conference of the PASSHE Interdisciplinary Association for Philosophy and Religious Studies, April 10-11, 2015.

Conner, Cailin R., Melanie M. Clarke, **Michael E. Holmstrup, and Brock T. Jensen (Department of Exercise and Rehabilitative Sciences)** (2015) "Observation of Inter-arm Systolic Blood Pressure Difference during Exercise," presented at the Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, Harrisburg, PA, November 6, 2015.

**Cooke, C. and E. Kemeny (Department of Parks and Recreation)** (2015) "Clinical assessment in recreational therapy: What is the current status in practice?" presented at American Therapeutic Recreation Association Annual Conference, Albuquerque, NM, September 25-30, 2015.

**Covey, William (Department of English)** (2015) presented "FOOL FOR LOVE, KILLER JOE, and the Fate of Women In Rural Noir Drama" at the 39th International Comparative Drama Conference. Stevenson University/Pier 5 Hotel. Baltimore, MD, March 26-28, 2015.

**Covey, William (Department of English)** (2015) presented "Advising an Undergraduate Literary Journal: THE ROXY," Roundtable with Dr. Danette DiMarco, Dr. Derrick Pitard, and Dr. Mark O'Connor, The 2015 35th Anniversary Conference of the English Association of Pennsylvania State Universities, Slippery Rock University. Slippery Rock, PA, October 7-9, 2015.

**Covey, William (Department of English)** (2016) presented "Millennial Female Sleuths: Victims, Vixens and Victors," at 2016 Society for Cinema and Media Studies Conference. Hilton Atlanta. Atlanta, Georgia, March 30-April 3, 2016.

**David, Andrew H. (Department of Chemistry Major)**, K. Moore, C. Zaleski, J. W. Kampf, V.t L. Pecoraro, and **Thaddeus T. Boron III (Department of Chemistry)** (2016)

"The Exploration of Nano-magnetic Properties Presented in a Family of Lanthanide Containing  $[Ln^{III}_4Mn^{III}_4]$  ( $Ln^{III} = Y^{III}, Dy^{III}, Ho^{III}, Er^{III}$ ) Compounds," Poster Presentation, National Conference of Undergraduate Research, Asheville, NC, U.S., April 2016.

**David, Andrew H. (Department of Chemistry Major)**, K. Moore, C. Zaleski, J. W. Kampf, V.t L. Pecoraro, and **Thaddeus T. Boron III (Department of Chemistry)** (2015) "Exploration of Nanomagnetism Presented in a Family of  $[Ln^{III}_4Mn^{III}_4]$  ( $Ln^{III} = Y^{III}, Dy^{III}, Ho^{III}, Er^{III}$ ) Compounds," Post presentation, UMBC Undergraduate Research Symposium, Baltimore, MD, U.S., October 2015. (Andrew presented the research findings of a family of lanthanide containing inorganic clusters. The authors were able to compare the magnetism of these four different compounds and infer the source of the magnetic behavior.)

**Dicus, Jeremy R., Brock T. Jensen, Steve D. Verba, Patty A. Pierce (Department of Exercise and Rehabilitative Sciences)** (2015) "Implementation of Critical Thinking," Slide Presentation, Mid-Atlantic Regional Chapter Meeting of American College of Sports Medicine, Harrisburg, PA, November 6-7, 2015.

**Dong, N., T. Tustin (School of Business Majors) and Solano, R. (School of Business)** (2016) "Identifying Data Completeness Issues in the Automatic Vehicle Location (AVL) Data of the Butler Transit Authority System," Sponsor: SRU FSRG. Paper to be presented at the SRU Symposium for Student Research, Scholarship and Creative Achievement, Slippery Rock, PA, March 2016.

**Eaton-Stull, Y. (Department of Public Health & Social Work), S. Albert, and D. Lisbon (Social Work majors)** (2015) "Canine Comfort for Communities in Crisis." Presentation at the Crisis Intervention Association of Pennsylvania's Annual Conference, Nemaocolin, PA, November 12, 2015.

**Eaton-Stull, Y. (Department of Public Health & Social Work)** (2015) "Differences between Animal-Assisted Therapy and Animal-Assisted Crisis Response." Presentation at a National Certification for HOPE Animal-Assisted Crisis Response, Binghamton, NY, September 25-27, 2015.

**Edwards, Kerry (Department of Criminology and Security Studies)** (2015) "Roundtable Moderator: Leadership & Bridging the Police-Community Divide," Pennsylvania Association of Criminal Justice Educators Annual Meeting, Slippery Rock, PA, March, 2015

**Edwards, Kerry (Department of Criminology and Security Studies)** (2015) "Roundtable Discussant: Teaching Strategies in the Traditional and Virtual Classroom," Pennsylvania Association of Criminal Justice Educators Annual Meeting Slippery Rock, PA, March, 2015

**Falso, Paul G. (Department of Biology), Leah V. Marshall, Jordon M. Zajac, Kelsey L. Gustafson (Biology Majors), Miranda S. Falso, and Steven R. Strain (Department of Biology)** (2016) "Implications of Exposure to a Neonicotinoid Pesticide on Amphibian Immunity," poster presentation at Society of Integrative and Comparative Biology, Portland, OR, January 3-7, 2016.

**Hart, M., C. Bender (School of Business Majors), and Solano, R. (School of Business)** (2016) "Using AVL Data to Determine Bus Schedule Achievability for a Rural Transit System," Sponsor: SRU FSRG. Paper to be presented at the SRU Symposium for Student Research, Scholarship and Creative Achievement, Slippery Rock, PA, March 2016.

**Hartmann, H. (Department of Geography, Geology, and the Environment)** (2015) "Seasonal Precipitation Forecasts for the Tarim River Subbasins," presented at Sino-German Conference on Implementation Strategies for a Sustainable Land and Water Resources Management in the Tarim Basin/NW China in Urumqi, PR China, September 2015.

**Hartmann, H. (Department of Geography, Geology, and the Environment)** (2015) "Seasonal Predictions of Precipitation for the Tarim River Basin," presented at 2015 Annual Meeting of the Association of American Geographers in Chicago, IL, April 2015.

**Hertel, Heather (Department of Art)**

- (2016) "Energy to Synergy", panel presentation at MACAA Session, panelist, College Art Association, Washington, D.C., February 3 – 6
- (2016) Elected to Mid America College Art Association (MACAA) as a board member

- (2016) Teaching Workshop: Inherent Movement at The Art Students League of New York, March 8, 2016
- (2016) Grant Award: The Sailcloth Art Project: A Material Investigation, SRU Student Faculty Research Grant, Jan. – November 2016.
- (2016) Grant Award: The Sailcloth Art Project: at the Bayfront Maritime Center, Erie, PA. Grant awarded through: Erie Arts & Culture, Erie, PA; January 2016 – November 2016
- (2016) Grove City Art Works board member, Grove City, PA, January 2016

**Holmstrup, Michael E. (Department of Exercise and Rehabilitative Sciences), Carly N. Goodine, Steven D. Verba, and Jeffrey S. Lynn (Department of Exercise and Rehabilitative Sciences)** (2015) "Targeting Procedural and Cognitive Skills to Inform Skinfold Instruction," presented at the American College of Sports Medicine Conference, San Diego, CA, May 29, 2015.

**Jensen, Brock T. (Department of Exercise and Rehabilitative Sciences), Malorie C. Levis, Jessica A. McFadden, Rebecca E. Burkart, and Michael E. Holmstrup (Department of Exercise and Rehabilitative Sciences)** (2015) "Hierarchical Curricular Strategy Improves Procedural Proficiency in Blood Pressure Measurement," presented at the American College of Sports Medicine Conference, San Diego, CA, May 29, 2015.

**Jirasakuldech, Benjamas (School of Business)** (2015) "A Study of Nonlinearity in Equity Market: Evidence from Turkey," presented at 2015 Academic OASIS/IAABR-Bangkok International Multidisciplinary Academic Conference, Bangkok, Thailand, July 2015.

**Karnes, Megan, Shelby Schettler (Department of Chemistry Majors), and Lengyel, George (Department of Chemistry)** (2016) "Impact of  $\alpha$ -Alkyl Amino Acid Insertion on  $\beta$ -Hairpin Peptide Folded Stability," presented at the Regional American Chemical Society Meeting, Covington, KY, March 18-21.

**Abstract:**

Peptides are short sequences of amino acids that can mimic

the shape, and therefore function, of larger proteins. Peptide therapeutics can potentially be used for the treatment of a wide range of diseases such as HIV, diabetes, and cancer. Peptides are naturally broken down by enzymes within the body through a process called proteolysis, but the introduction of unnatural amino acids into the sequence can slow this process, potentially increasing the lifetime of peptide therapeutics. We have examined the impact of incorporation of  $\alpha$ -alkylated amino acids, unnatural amino acids in which the  $\alpha$ -proton is replaced by an alkyl side chain, into short,  $\beta$ -hairpin peptides. Four  $\alpha$ -alkylated amino acid derivatives with varying side chain lengths were incorporated into peptides using Fmoc solid-phase peptide synthesis. These peptides were then analyzed using homonuclear multidimensional-NMR spectroscopy to determine the propensity of the unnatural amino acids to promote a  $\beta$ -hairpin folded conformation. These analyses showed that the  $\alpha$ -alkylated amino acid with two side chains consisting of one carbon unit completely disrupted the folding population of the model system. However, increasing the side chain length of the  $\alpha$ -alkylated amino acids to two or more carbon units restores some of this folded stability.

**Keeley K (Department of Exercise and Rehabilitative Sciences), Martin M, Cappaert T, Walker S, and Hankemeier D (2015)** "Evidence-based practice: beliefs and behaviors of athletic trainers," Poster presented at National Athletic Trainers' Association 66<sup>th</sup> Clinical Symposia and AT Expo, St. Louis, MO, June 2015.

**Keener, E., McGraw, J. S., & Massey, C. J. (Department of Psychology) (2015)** "Applying Bem to Teaching and Research at Undergraduate Institutions," invited Symposium (The Past, Present, and Future of Masculinity, Femininity, and Gender: Honoring Feminist Scholar Sandra L. Bem (1944 – 2014)), at the annual meeting of the American Psychological Association, Toronto, Ontario, Canada, August 2015.

**Kemeny, E. (Department of Parks and Recreation) (2015)** "Developmental disability/community treatment network," presented at American Therapeutic Recreation Association Annual Conference, Albuquerque, NM, September 25-30, 2015.

**Kemeny, E. (Department of Parks and Recreation) and M. Van Puymbroeck (2015)** "How to promote professionalism/professional involvement within undergraduate and graduate students," presented at Educator's Institute: American Therapeutic Recreation Annual Conference, Albuquerque, NM, September 25-30, 2015.

**Kemeny, E. and D. Hutchins (Department of Parks and Recreation) (2015)** "Accessing independent leisure and social skills for youth on the autism spectrum," presented at Promising Practices: National Autism Conference, State College, PA, August 3-6, 2015.

**Kemeny, E. (Department of Parks and Recreation) (2015)** "Evidence-based recreational therapy practice for youth on the autism spectrum," presented at 2015 American Therapeutic Recreation Association (ATRA) Academy Webinar Series, July 31, 2015.

**Krayesky, D.M. and Chmielewski, J.G. (Department of Biology) (2015)** "An investigation of the diversity of *Pleurocladula* Grolle in North America," presented at *Botanical Society of America 2015 Meetings*, Edmonton, Canada, July 27, 2015.

#### **Abstract:**

The leafy liverwort *Pleurocladula* R. Grolle is generally accepted as being a monotypic genus. Through utilizing light microscopy and examining herbaria samples worldwide we have noticed that the North American populations of "*Pleurocladula albescens* (W.J. Hooker) R. Grolle" have a tendency to generate stoloniferous/flagelliform branches. Diagnoses of *P. albescens* in Europe and North America do not mention this anatomical characteristic within this species. In Schuster's treatment of *Pleurocladula* in North America east of the hundredth meridian he went as far to say that stolons are lacking in *Pleurocladula*. This suggests that these North American populations in which we are finding individuals with stoloniferous/flagelliform may represent an undescribed species.

**Kuehn, S. (Department of Criminology and Security Studies)**, Ridener, Shay, T., and N. Roessler (2015)

“Student’s Perception of Offenders’ Recidivism Rates and Factors that Influence their Perception,” presented at the 71<sup>th</sup> Annual Meeting of the American Society of Criminology, Washington, DC, November 2015.

**Kuehn, S. (Department of Criminology and Security Studies)** and J. Vosgerau (2015) “Accuracy of Moral Judgment,” presented at Annual Meeting of the Society for Applied Anthropology in Pittsburgh, PA, 2015.

**Kuehn, S., Harvey, P., Edwards, K., Jiang, X., Lubinski, S., Ridener, R., & Y. Schanz (Department of Criminology and Security Studies)** (2015) “Teaching Strategies in the Traditional and Virtual Classroom,” roundtable (discussant) at the Pennsylvania Association of Criminal Justice Educators, Slippery Rock, PA, 2015.

**Kuehn, S. (Department of Criminology and Security Studies)** and J. Vosgerau (2015) “Once A Criminal, Always A Criminal: A Deception Game with Parolees and Non-Parolees,” presented at the Pennsylvania Association of Criminal Justice Educators, Slippery Rock, PA, 2015.

**Kuehn, S., Ridener, R. (Department of Criminology and Security Studies)**, Roessler, N., and T. Shay (2015) “A Longitudinal Study of Students Attitudes towards Punishment,” presented at the Annual Meeting of the Academy of Criminal Justice Sciences, Orlando, FL, March 2015.

**Labate-Watterson, M. (Psychology Major)** and **Boerger, E. A. (Department of Psychology)** (2015) “Relations between childhood and adolescent bullying experiences and social adjustment in university students,” Poster presented at the 2015 meeting of the Pennsylvania State System Psychology Conference (PaPC), Slippery Rock University, Slippery Rock, PA, October 2015.

**Li, X. (School of Business major)** and **Solano, R. (School of Business)** (2015) “Improving Bus Schedule Reliability in a transit system,” Sponsor: SRU Summer Undergraduate Research Experience (SURE) in STEM Grant Program. Presented at the Symposium for Student Research,

Scholarship and Creative Activity, Slippery Rock University, April 2015.

Lien CY, Chuang TY, **Brock T. Jensen (Department of Exercise and Rehabilitative Sciences)**, Chen ML, and Chen H (2015) “The effect of moderate endurance exercise during doxorubicin treatment in tumor-bearing mice,” presented at World Molecular Imaging Conference (WMIC), Honolulu, Hawaii, September 2-5, 2015. Published on *WMIC Conference Proceedings*, 8, 1032.

Lien CY, **Brock T. Jensen (Department of Exercise and Rehabilitative Sciences)**, Chen ML, Wu CH, Chen H, Lin CL, Wang SE, Hsiao CJ, and Chuang TY (2015) “Exercise preconditioning does not affect antitumor activities of doxorubicin,” presented at American College of Sports Medicine Annual Meeting, San Diego, CA, May 2015. Published on *Medicine & Science in Sports & Exercise*, 47(5S), 192.

**Lynn, Jeffrey S., Michael E. Holmstrup, and Steven D. Verba (Department of Exercise and Rehabilitative Sciences)** (2015) “Think Aloud as a Pedagogical Tool for In-Class Instruction,” presented at the Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, Harrisburg, PA, November 6, 2015.

**Lynn, Jeffrey S., Michael E. Holmstrup, and Steven D. Verba (Department of Exercise and Rehabilitative Sciences)** (2015) “Think Aloud: Hands-On Application,” presented at the Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, Harrisburg, PA, November 6, 2015.

**Macmillan, Sean (Department of Art)**

- (2015) Portfolio Reviewer, Society of North American Goldsmith’s Annual Conference, Boston, Massachusetts
- (2015) “Chasing and Repousee,” presented at Seventh Annual Jim Campbell Hammer-In, Presenter/Demonstrator, Touchstone Center for Crafts, Farmington, PA
- (2015) “Portfolio Workshop and Lecture on Professional Development,” presented Seneca Valley Senior High School, Harmony, PA

- (2015) “PA Pride: Metal Arts in the State of Pennsylvania” Foyer Gallery, Brockway Art, Center, Brockway, PA (National Invitational Group Exhibition)
- (2015) “The Graphical Web: Motion, Meaning, Stories, Standards) Fairmont Hotel, Pittsburgh, PA (Group Exhibition)
- (2014) “Residents and Residence” Harlan Gallery, Seton Hill University, Greensburgh, PA (Invitational Group Exhibition)
- (2014) “Hammer Forming Workshop,” presented at Visiting Artist lecture and workshop at Millersville University, Millersville, PA

**Mahoney, S., S. Zuchowski (Exercise and Rehabilitative Sciences Majors), and K. Smith (Department of Exercise and Rehabilitative Sciences, faculty mentor)** (2015) “Examination of weekly step count patterns during a 12 week pedometer program,” poster presentation at 2015 Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Harrisburg, PA, November 2015.

**Marshall, Leah V. (Biology Major) and Paul G. Falso (Department of Biology)** (2015) “Assessment of the Sub-Lethal Effects of a Common Use Pesticide, Imidacloprid, Following Long-Term Exposure in an Amphibian,” oral presentation at Commonwealth of Pennsylvania University Biologists Annual Meeting, Indiana University of Pennsylvania, April 11, 2015.

**McGraw, J. S., Keener, E., and Massey, C. J. (Department of Psychology)** (2016) “The Roles of Gender Traits and Sexual Identity in Body Dissatisfaction in Lesbians, Gay Men, and Heterosexual Women and Men,” presented at the Association for Women in Psychology 2016 Conference in Pittsburgh, PA, March 2016.

**Abstract:**

Body Image has long been an interest of feminist psychologists, with the robust finding that, in general, women’s relationships with their bodies are frequently negative, whereas men seem to be protected from negative body image. Rodin, Silberstein, & Striegel-Moore (1984) coined the term ‘Normative Discontent’ to reflect this, and it is well established that this normative discontent leads to

negative health and mental health outcomes, including disordered eating, anxiety, and depression. While much early research focused on assumed heterosexual populations, recent research has begun to explore body dissatisfaction in samples of gay men, lesbians, and bisexual women and men. This body of research has been less clear, with some studies reporting that gender is the most important factor, and others reporting that sexual orientation/identity is more important in predicting body dissatisfaction. Some have theorized, and research has supported that gender-typed traits, such as traditional femininity and masculinity, explain some of the observed gender differences in heterosexual populations. However, very little data exists that looks at gender-typed traits in non-heterosexual populations. Data collected from university and community samples will be reported, which examine the role of gender-typed traits, feminist identity, and gay identity, with multiple measures of body dissatisfaction in a diverse sample of lesbians (n=57), gay men (n=77), heterosexual women (n=165), and heterosexual men (n=82). Analysis of means shows that heterosexual women scored highest and heterosexual men scored lowest on measures of body dissatisfaction, consistent with previous research; Lesbians and gay men scored in between. A mediation model will be presented describing how gender-typed traits and feminist and gay identities mediate the associations between sexual identity and body dissatisfaction. Results will be discussed in terms of the clarity they can bring to the complex associations between intersecting sexual and gender identities and body image.

**Melago, Kathleen (Department of Music)** (2015) “Using Technology to Improve Learning & Engagement in Instrumental Music,” presented at The Midwest Clinic International Band and Orchestra Conference, Chicago, IL, December 17, 2015.

**Melago, Kathleen (Department of Music)** (2016) “Field Experience Immersion in Music: A Model for Cultural Diversity through Field Experience” presented at National Association for Music Education Research and Teacher Education National Conference, Atlanta, GA, March 2016.

**Melago, Kathleen (Department of Music)** (2016) “Cumulative Strategies for Increasing Student Success on Secondary Instruments,” presented at National Association



for Music Education Research and Teacher Education National Conference, Atlanta, GA, March 2016.

**Melago, Kathleen (Department of Music)** (2016)

“Mastering the Music Education Job Search,” presented at Pennsylvania Music Educators Association Annual Conference, Hershey, PA, March 31, 2016.

**Melago, Kathleen (Department of Music)** (2015) “French

Music from Baroque to Today”, Flute Recital, Slippery Rock University of PA, Slippery Rock, PA, September 27, 2015. Included world premiere of Jardins pour deux flûtes et piano (2013) by Michel Bosc.

**Meztli, Itzi (Department of English)** (2015) “How the

South Texas Landscape Impacted the Evolvement of My ‘Chicanindio’ Cultural Identity,” presented at Pennsylvania College English Association (PCEA) 2015 Conference, Scranton, PA, October 2-3, 2015.

**Mondal, S. and Solano, R. (School of Business)** (2014)

“Identifying the Trends and Conditions in the Pennsylvania Agricultural Sector,” presented at Pennsylvania Economic Association Annual Conference at Edinboro University of Pennsylvania, Edinboro, PA, May 2014.

**O’Neill, M., R. Vaughan (Department of Exercise and Rehabilitative Sciences Majors), K. Smith (Department of Exercise and Rehabilitative Sciences), S. Ihlenfeld, and B. Billek (Department of Exercise and Rehabilitative Sciences)** (2015) “Effectiveness of a walking program for children and their families,” poster presentation at 2015 Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Harrisburg, PA, November 2015.

**Petray, Marnie Jo (Department of Modern Languages and Cultures)** and Gail Clements (2016) presented “Where Are We Now: The Status of Linguistics in Master's in TESOL and Master's in Secondary/Adult Education Language Teacher Programs” at the 2016 Linguistic Society of America (LSA) annual conference, Washington, D. C., January 9, 2016.

**Abstract:**

Dr. Petray and Dr. Gail Clements of Duke University investigated linguistics' curricular integration in graduate

level language teacher programs in 100 universities and colleges across the U.S. Their co-authored study was part of a symposium on Linguistic Foundations for Second Language Teaching and Learning sponsored by the LSA Linguistics in Higher Education Committee. The LSA is the preeminent academic organization for linguists and research in the scientific study of language in North America.

**Ridener, R. (Department of Criminology and Security**

**Studies)** (2015) “Teaching strategies in the traditional and virtual classroom,” Roundtable discussant at the Annual Meeting of Pennsylvania Association of Criminal Justice Educators, Slippery Rock, PA, March 2015.

**Ridener, R. (Department of Criminology and Security**

**Studies)** (2015) “The good and the bad of police body cameras,” Roundtable moderator at the Annual Meeting of Pennsylvania Association of Criminal Justice Educators, Slippery Rock, PA, March 2015.

**Ridener, R. (Department of Criminology and Security**

**Studies)** (2016) “Use of Force in the Post-Ferguson Era,” Roundtable discussant at the Annual Meeting of Pennsylvania Association of Criminal Justice Educators, Wayne, PA, March 2016.

**Ridener, R., Kuehn, S. (Department of Criminology and**

**Security Studies), Shay, T., and N. Roessler** (2015) “The Change In Student’s Perception of Various Criminal Justice Related Issues After One Year of College,” presented at the Pennsylvania Association of Criminal Justice Educators, Slippery Rock, PA, March 2015.

**Ridener, R., Kuehn, S. (Department of Criminology and**

**Security Studies), Shay, T., & Roessler, N.** (2016) “Do college classes make a difference? Changes in perceptions of punishment over time,” presented at the Annual Meeting of the Academy of Criminal Justice Sciences, Denver, CO, March 2016.

Shuler, Kyle T., Tyler Rice, Shawn Raybuck, Chelsea Siddons, **Jeremy R. Dicus, Michael E. Holmstrup (Department of Exercise and Rehabilitative Sciences)** (2015) “Comparison of Muscle Activation during an Overhead Press: Kettlebell v. Dumbbell,” presented at the

Mid-Atlantic Regional Chapter of the American College of Sports Medicine Conference, Harrisburg, PA, November 7, 2015.

**Smith, K. (Department of Exercise and Rehabilitative Sciences), M. Newmark, and H. Alleman (Department of Exercise and Rehabilitative Sciences majors)** (2015) "Examination of attrition rates in a 12 week pedometer-based walking program," slide presentation at 2015 International Conference on Research in Education and Science, Antalya, Turkey, April 2015.

**Smith, K., (Department of Exercise and Rehabilitative Sciences), M. Newmark, and H. Alleman (Department of Exercise and Rehabilitative Sciences Majors)** (2015) "Impact of perceived barriers on a 12 week university-based walking intervention," poster presentation at 2015 American College of Sports Medicine Conference, San Diego, CA, May 2015.

**Solano, R. (School of Business), M. Hart, and C. Bender (School of Business Majors)** (2016) "Using AVL Data to Determine Bus Schedule Achievability for a Rural Transit System," Sponsor: SRU FSRG. Invited paper to be presented at the POMS 27th Annual Conference, Orlando FL, May 2016.

**Solano, R. (School of Business) and N. Dong (School of Business Major)** (2016) "Completeness analysis of AVL Data in a Rural Transit System," Sponsor: SRU FSRG. Paper to be presented at the POMS 27th Annual Conference, Orlando FL, May 2016.

**Solano, R. (School of Business), M. Hart, C. Bender, and T. Tustin (School of Business Majors)** (2016) "Improving Bus Schedule Adherence in a Rural Transit System Using Automatic Vehicle Location Data," Sponsor: SRU FSRG. Paper to be presented at the POMS 27th Annual Conference May 2016, Orlando FL, USA

**Solano, R. (School of Business) and X. Li (School of Business major)** (2015) "Using Automatic Vehicle Location to Improve Bus Schedule Reliability in a Rural Transit System," presented at the POMS 26th Annual Conference, Washington DC, May 2015.

**Soros, K., K. Quinn, A. Barron, (Psychology Major), E. Boerger (Department of Psychology), L. Bunce, and J. Woolley (School of Business majors)** (2015) "The great teddy bear rescue: A pilot test of a new creative problem solving task," Poster presented at the 2015 meeting of the Pennsylvania State System Psychology Conference (PaPC), Slippery Rock University, Slippery Rock, PA, October 2015.

**Staub, A., A. Kubala (Department of Exercise and Rehabilitative Sciences Majors), K. Smith (Department of Exercise and Rehabilitative Sciences)** (2015) "Body weight perception and contributing weight gain factors in Scandinavian, French, and American college students," poster presentation at 2015 Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Harrisburg, PA, November 2015.

**Verba, Steven, Brock T. Jensen, Jeffrey Lynn (Department of Exercise and Rehabilitative Sciences)** (2015) "The effect of deer hunting on heart rate and rhythm in men and women," presented at American College of Sports Medicine Annual Meeting, San Diego, CA, May 2015. Published on *Medicine & Science in Sports & Exercise*, 47(5S), 225.

**Wang, Jialing (Department of Geography, Geology, and the Environment)** (2015) "The Impact of City Parks in the Quality of Life in Urban Residents ----- A Case Study of Yueyatan Park, Kunming, China," presented at The 9th International Association for China Planning (IACP) Conference, Chongqing, China, June 19-21, 2015.

**Westman, Barbara (Department of Art)**

- (2016) Student Achievement: While working on her BFA degree (focus in Fiber Art), Alexandra Kirsch's artworks were accepted for the 2016 Fiber Art International, Pittsburgh, PA
- (2016) "Global Images of U.S. Women", exhibition organized by Barbara Westman (Art), Cindy Lacom (Gender Studies) and Bill Smith ( Know Art Project), presented at Indiana University of Pennsylvania. Curated by Barbara Westman. January 13 – February 26, 2016
- (2016) Juror for the The 2016 Pittsburgh Arts Region's of The Scholastic Art Awards

- (2016) 8<sup>th</sup> International Printmaking Biennial Douro Gravura, Portugal, 2016
- (2016) 20 x 20 Textile, juried fiber art exhibition, Warsaw & Gdansk, Poland, January 21 – February 27, 2016 at Jan Nowak-Jezioranski Information Center, Warsaw, Poland  
<http://tkanina20x20.blogspot.com/p/uczestnicy.html>, March 9 – April 1, 2016 at GAK gallery, Sobieszewo Poland <http://www.wypaskarbow.gak.gda.pl/>
- (2016) 10<sup>th</sup> International Baltic Mini Textile Triennial (juried) at Museum of the City of Gdynia, Poland, March 11 – May 8, 2016  
<http://www.muzeumgdynia.pl/2016/01/10-baltic-mini-textile-gdynia-2016-rozstrzygniecie-konkursu/>
- (2016) “Transactions. Art & Poetry Exchange”, Spinning Plate Gallery, Pittsburgh, 8 artists and 8 poets from North- East US. January 6 – February 27, 2016  
<http://www.post-gazette.com/ae/art-architecture/2016/01/08/Exhibit-Explores-Relationship-of-Art-and-Poetry/stories/201601080010>
- (2016) Indiana University of Pennsylvania (June-July) and Dixon University Center (August – October) “Experiment” - Co-organized and co-wrote the program of the International Fibers Studio collaboration between SRU and Academy of Fine Arts, Gdańsk, Poland. Both studios students and faculty exhibited at the Academy of Fine Arts gallery in June. The article about this collaboration was published by Fiber Art Now (USA) and The Nordic Textile Art (Sweden)
- (2015) “Small, Smaller, the Smallest” three fiber artists exhibition, July 15 – August 4, The Baltic Sea Cultural Center, Gdańsk, Poland
- (2015) 14th Lessedra International Mini Print Annual, Sofia, Bulgaria. June 11 - August 31
- (2015) “Here & There” Co-organized and co-wrote the program of the International Fibers Studio Collaboration between SRU and Academy of Fine Arts, Gdańsk, Poland. Exhibition of artworks created by students and faculty, July 8 – July 19, 2015, Artur's Mansion Gallery, part of Gdańsk Archipelago of Culture
- (2015) 5<sup>th</sup> Guanlan International Print Biennial, China Printmaking Museum, Shenzhen Guanlan China, May-July “6x6x2015”, Rochester Contemporary Art Center, Rochester, NY
- (2015) participation in an exhibition with students in the Advanced Printmaking class. June 6-July 12
- (2015) Juried international printmaking exhibition: Bibliotheca Alexandrina International Biennale for Miniature Graphics, Alexandria, Egypt. April 28-June 1
- (2015) Co-organizer of the Global Images of U.S. Women event (on behalf of the Martha Gault Art Society), together with The Know Art Project and Gender Studies at SRU. The program includes the exhibition of the international postcard art created by non-American women, a lecture and a workshop by Tavia La Follette, PhD. SRU campus. March 30-April 1
- (2015) “Incisioni al Femminile”, 2015 edition, juried international printmaking exhibition:, Atelier Controsegno, Napoli, Italy. March 8-March 28
- (2015) As the Center for Public Humanities Advisory Board member, co-organized a multi-departmental student project. Project in all departments involved research of the original WWI propaganda posters. Students in my Advanced Printmaking class created their own contemporary propaganda posters. This research concluded with the “Act Now! Rallying for The Cause – WWI and Today” exhibition at Martha Gault Art Gallery, March, 2015. co-curated this exhibition
- (2015) Faculty sponsor of a student research project presented at the 2015 SRU Symposium for Research, Scholarship, and Creative Achievement. Student Delaney Munnal, research project director
- (2015) Student achievement: Kate Fitzgerald’s monotype created in my Advanced Printmaking class was selected for the national juried student exhibition at the Curry College, MA, organized by the Monotype Guild of New England
- (2015) Selected to be a juror for the 2015 Scholastic Art and Writing Competition, Pittsburgh region. Over 1800 artworks were submitted from high school students in area

**Wills, W.J. (Department of Biology major) and Krayesky, D.M. (Department of Biology)** (2014) "An interactive checklist of the Liverworts and Hornworts of Pennsylvania," presented at the seminar at the Student Symposium on the Environment, Westminster College, New Wilmington, PA. December 4, 2014.

**Abstract:**

Bryophytes include the groups of plants that are commonly referred to as the mosses, hornworts, and liverworts. These plants are often overlooked; however, there has been a large amount of floristic studies in Pennsylvania on the hornworts and liverworts. There are numerous samples that have been collected dating back to the mid 1850's, which provides us with some vital information about our plant history as well as an insight into our future. Even though this information has been used in many previous floristic studies, it has never been utilized as an interactive checklist/map. Using the data collected by other individuals, which was gathered from the Symbiota database, we created an interactive liverwort and hornwort distribution map of Pennsylvania on Google Earth. The distribution map allows individuals to view specimen localities in more detail. This further detail of the aforementioned specimen locations will allow an individual's expedition out into the field to be an easier, more user friendly and technologically interactive experience. It will also provide future researchers with new insight into counties in which samples are under collected throughout Pennsylvania. This in turn will provide new study opportunities, which are necessary to further understanding these plant groups in our local environment.

**Winters, Andrew M. (Department of Philosophy)** (2016) "A (Meta)stable Account of Processes," invited presentation at Hiram College, Hiram, OH, March 18, 2016.

**Winters, Andrew M. (Department of Philosophy)** (2015) "Not Only Engines of Creation: A Structural Realist Account of Scientific Instrumentation," presented at Third Annual Lehigh University Conference in Philosophy: Metaphors in Use, Lehigh University, Lehigh, PA, October 2015.

**Winters, Carena (Department of Exercise and Rehabilitative Sciences)** (2016) "Exercise is Medicine on Campus: China," invited presentation, Exercise is Medicine on Campus International Forum, Beijing Sports University, Beijing China, January 6, 2016.

**Winters, Carena, (Department of Exercise and Rehabilitative Sciences)** and Robert Sallis (2015) "Exercise is Medicine on Campus; A Recognition of Outstanding Programs," oral presentation, National American College of Sports Medicine Conference, Boston MA, May 29, 2015.

**Winters, Carena (Department of Exercise and Rehabilitative Sciences)** (2015) "Get Recognized: Exercise is Medicine on Campus University Recognition Program," oral presentation, Mid-Atlantic Regional Chapter of the American College of Sports Conference, Harrisburg PA, November 6, 2015.

## RECENT RESEARCH ACTIVITIES AND ACCOLADES

**Ambrosio, Nora (Department of Dance)** (2015) was elected the Chairperson for the Commission on Accreditation for the National Association of Schools of Dance for a three-year term, 2015.

**Ambrosio, Nora (Department of Dance)** (2015) was reelected to a second three-year term as a member of the Board of Directors for the Lincoln Park Performing Arts Charter School, September 2015.

**Ambrosio, Nora (Department of Dance)** (2015) was asked to be a member of the Editorial Board for the Dance Education in Practice journal, where she also serves as a writing mentor for author's submissions, 2015.

**Ambrosio, Nora (Department of Dance)** (2015) conducted an accreditation site visit for the dance program at Eastern Michigan University on behalf of the National Association of School of Dance, 2015.

**DeNicola, D. M. (Department of Biology)** (2015) Development of a field method to examine the effects of metals and nutrients on algae in streams. College of Health, Environment and Science Grant \$1,856. Aaron Onufrak student investigator.

**Keller, Jennifer (Department of Dance)** was selected for juried screenings of her film work, "ferry," at the following film venues:

- Athens Video Dance Project (Athens, Greece, January 22, 23, 24, 2016)
- D'Motion International Dance Festival (Selangor, Malasia, December 1-20, 2015)
- Bucharest International Dance Film Festival (Bucharest, Romania, November 6-8, 2015)
- LightMoves (Limerick, Ireland, November 21, 2015)
- Mostra Internacional de Videodança de São Carlos (MIVSC) (São Carlos, Brazil, August 13-16, 2015)

- San Souci Festival of Dance Cinema (Boulder, CO, September 26, 2015)
- Cinedanse Quebec (Quebec, Canada, September 24-27, 2015)
- Topanga Film Festival (Topanga, CA, July 30, 2015)
- Utah Dance Film Festival (Provo, UT, April 11, 2015)
- Greensboro Dance Film Festival (North Carolina, March 22, 2015)
- RADfestival (Michigan, March 21, 2015)

**Meztli, Itzi (Department of English)** (2015) elected a member of the Board of Directors of the PCEA during its last meeting on October 2, 2015.

**Ridener, R. and S. Kuehn (Department of Criminology and Security Studies)** (2015) "Students' attitudes towards punishment and their perception of re-offending rates," SRU Faculty Student Research Grant.

**Smith, K. (Department of Exercise and Rehabilitative Sciences), A. Kubala, and A. Staub (Department of Exercise and Rehabilitative Sciences majors)** (2015) "Investigation of International Health Behaviors in France," Summer Undergraduate Research Experience (SURE) Research Grant, \$780.00 funded.

**Solano, R. (School of Business)** (2015) "Improving Schedule Adherence in the Butler Transit Authority System," Funding: SRU Faculty/Student Research Grant.

**Solano, R. (School of Business)** (2014) "Improving Time Tables in a Local Transit System," Funding: SRU Faculty/Student Research Grant.

**Tylor, T. (School of Business Major) and Solano, R. (School of Business)** (2015) "Identifying Data Completeness Issues in the Automatic Vehicle Location (AVL) Data of the Butler Transit Authority System," Funding: SRU Summer Undergraduate Research Experience (SURE) in STEM Grant Program.

**Zieg, Michael J. (Department of Geography, Geology, and the Environment) (2016) “RUI: Thermal Consequences and Textural Signatures of Reinjection in Mafic Sills,”** awarded a \$163,424 grant from the National Science Foundation (NSF) ([NSF Website link](#)).

*Description:*

Just as volcanoes have alternating periods of eruption and repose, igneous intrusions can also have alternating periods of injection and crystallization. This study will provide a better understanding of the emplacement process and its effects in intrusive systems, specifically in mafic sills. The study will identify the diagnostic physical and chemical signatures of magma reinjection into a partially crystalline system and the specific textural characteristics of a reinjection horizon that can be used to determine its timing and thermal conditions. Diagnostic criteria for recognizing reinjections in mafic systems will allow this process to be positively identified in other intrusions and will place important constraints on models for magma chamber formation and evolution. In addition, the data to be developed (texture, composition, and mineralogy profiles) will be widely distributed as a resource for developing and testing petrologic hypotheses, and for recognizing additional processes beyond those specifically addressed in this study. The primary goal of this study is to define the detailed signature of reinjection events using a continuous drill core profile through a diabase sill (the Black Sturgeon sill) from Nipigon, Ontario. Petrographic data will include modal mineralogy, textures (crystal size distributions), and fabric (alignment factor). Geochemical data will include bulk-rock major and trace-element chemistry and mineral compositions. Preliminary results have been used to tentatively identify the positions and effects of several reinjection events in the Black Sturgeon sill. This project will document the fine-scale variations around these sites and locate and characterize other potential reinjection zones. These textural and compositional variations will provide a set of discrete criteria that can be used to demonstrate and document the existence of reinjection horizons in magmatic systems. Numerical cooling models will then be integrated with textural observations and with MELTS modeling to provide quantitative constraints on the emplacement history of the Black Sturgeon sill, including the timing and spatial distribution of the individual replenishment events.

## Frequently Asked Questions

### 1. What is the Rock Research Expo?

The Rock Research Expo (RRE) is an annual newsletter that keeps our campus informed of the scholarly endeavors and potential research opportunities for faculty and students.

### 2. Why is it important to participate?

The RRE shares, across disciplines throughout campus, new knowledge being gained through both faculty and student research. Additionally, the RRE serves to promote academic communication, collaboration, and a success-driven environment of learning for faculty and students.

### 3. What types of submissions are appropriate?

- ❖ Recent publications by faculty members and students,
- ❖ Research projects and grant acquisition information (title, authors, brief description),
- ❖ Recent presentations, performances, and exhibitions by faculty and students.

### 4. How do I submit my information?

Faculty and students (with faculty letter of support) may submit their information via email to: [rockresearchexpo@sru.edu](mailto:rockresearchexpo@sru.edu).

### 5. When is the deadline to submit?

Submission deadline for the newsletter is February 27.

### 6. When will the next issue be published?

The newsletter is published annually after spring break.

### 7. How should I cite my submission?

Use whatever citation format is standard for your field of study. A short abstract may be included, if desired.

Please make sure to include the name of your department. See the example below.

**Amodei, M. (Department of Elementary/Early Childhood Education)**, Jalongo, M.R., Myers, J., Onchwair, J. & Gargiulo, R.M. (2013) "Survey of publication outlets in early childhood education: Descriptive data, review processes, and advice to authors," *Early Childhood Education Journal*, 41(2), 115-123.

## *Thank You Note to Judy Silva*

*Rock Research Expo would also like to take this opportunity to honor and thank Judy Silva for her countless contributions to the newsletter. Judy was one of the RRE newsletter founding editors when the journal began in 2010. In the early days, it was Judy who called many meetings to coordinate related people from different departments so as to initiate and accomplish work on the newsletter. In the beginning, the first few issues did not have enough self-submissions. It was Judy who organized student workers to dig up information from the library database to be used in the newsletter. Judy is also an excellent proofreader. Before the committee members worked together as a group on the editing, it was Judy who always completed the final proofreading. She has a keen eye and is capable of spotting the most obscure typos, tiny misalignments, extra spaces, and inconsistent fonts. Judy's contributions to the establishment and quality of this newsletter will be missed. We would like to briefly thank Judy again for all the time and energy she has placed into the newsletter. We will miss Judy's ability to get work accomplished, her work ethic, and her smiling face.*

