Aims, Scope, and Policies

The aims of the Rock Research Expo (RRE) are 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, Rock Research Expo aims to:

• Share new knowledge of different disciplines on campus,

• Provoke students' interests and curiosity in knowledge exploration,

• Promote long term academic communication and collaboration on campus, and most importantly,

• Develop a success-driven environment of learning for both faculty members and students.

And the polices we follow are:

• Anyone on campus 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.

The scope of this newsletter is:

• Recent publications of faculty members and students on campus (title, authors, and short abstract),

• Research Projects and Grant Acquisition (title, authors, brief introduction),

• Recent conference presentations, performances, and exhibitions of faculty members and students,

• Announcement of research related activities on campus.

IN THIS ISSUE:

• Aims, Scope, and Polices
• Feature
• Recent Publications
• Recent Presentation/Performances/Exhibitions
• Recent Research Activities
• FAQ
**Feature Story**  In a recent interview with Dr. David Valentine, Interim Dean of the College of Business, he elaborated on the importance and various connections he has discovered between new knowledge, academic conferences, and classroom curricular innovations. He shared his various insights about High Performance Computing (HPC) with the editors of *Rock Research Expo*.

**Parallel and High Performance Computing**

In 2009, Dr. Valentine attended the Technical Symposium on Computer Science Education (SIGCSE) where he heard Dr. Michel Wrinn of Intel vigorously challenge a group of academics with the claim about their company: “Intel is not going back to single core architecture. The world has gone parallel, and it is high time you started teaching your students parallel programming.” His challenge proved prophetic as even today’s cell phones are dual core (meaning they contain two processors on a single chip) and today’s desktop computers are at least quad core...(page 3)

**Recent Research Activities**

Several faculty members have reported their recent and ongoing research activities. Some are supported via different research grants

- **Katsafanas, Jodi (Department of Special Education)** (2015) *Research project*: Supporting Cultural Reflection. Principal investigator Dr. Jodi Katsafanas along with Professor Protoge, Erika Paris. Collecting data on the effect of culturally responsive teaching in the college classroom on instructional strategies implemented by 16 student teachers during their spring 2015 classroom teaching in Mexico City, Mexico.

- **Mondal, Sunita and Roger Solano (School of Business)** “Analysis of 2012 Census of Agriculture Data.” Center for Rural Pennsylvania 2015 Research Grant ($15,000). *Synopsis*: Researchers Dr. Sunita Mondal and Dr. Roger Solano will use Census of Agriculture data to conduct quantitative and qualitative analyses of farmers and farm operations in Pennsylvania. The research will examine farmers’ characteristics based on demographics, farm ownership and farming practices, and identify and analyze changes in farming operations, farm profitability, and labor.


- **Schnupp, R. and Sarah Kuehn (Department of Criminology and Criminal Justice)** (2015) “Students’ attitudes towards punishment and their perception of re-offending rates.” SRU Faculty and Student Research Grant ($ 4,968). Undergraduate students: T. Shay and N. Roessler. *Abstract*: Much research has centered on exploring the effect that education has on students’ attitudes.
High Performance Computing in the Classroom

Continued from page 1

work. Dr. Valentine first had to seek out training for himself. He attended various workshops provided by professional organizations such as NCSI, XSEDE, ACM SIGCSE, and others. Dr. Valentine found that both Intel and NVIDIA provided excellent training materials with their products that aided his learning.

HPC at SRU

Fortuitously, Dr. Valentine’s self-education work coincided with his professional society’s revised curricula recommendations. In 2013, the ACM/IEEE curriculum for Computer Science elevated PDC to its own knowledge area, placing it on the same level as more recognized topic areas such as programming, networking, and operating systems. Because of the ongoing research in PDC at SRU, the program adapted to the new professional recommendations easily.

That year the competition involved using the LittleFe to solve the Traveling Salesman Problem for 10K cities. Although our Genetic Algorithm was not fast enough to claim the raw speed prize, our students came home with a special judge’s award for Best Comprehension.

In 2012, Dr. Valentine returned to the Supercomputing Conference (SC) with both his new knowledge and a host of SRU students. He was also an invited speaker for the “Educator’s Track” and a coach for SRU’s first Student Cluster Team. Dr. Valentine proudly reports of the results of this conference by summarizing that, the: “That year the competition involved using the LittleFe to solve the Traveling Salesman Problem for 10K cities. Although our Genetic Algorithm was not fast enough to claim the raw speed prize, our students came home with a special judge’s award for Best Comprehension.” Bolstered by their award, Dr. Valentine and the students returned with confidence to the SC conference in 2013. He continues: “This time the contest was to design and build the best computer cluster that (a) costs under $2500.00 and (b) uses fewer than 15 amps. Our students excelled, missing the big cost/performance prize by a mere two cents to a team from the larger PhD-granting Arizona State University.”

Fully secure in their knowledge and confident of their skills, the SRU team was accepted for an unprecedented third consecutive year for the 2014 SC conference. But, budgetary shortfalls forced the cancellation of the competition.
High Performance Computing in the Classroom

Dr. Valentine has also used his knowledge to work with fellow faculty members. In 2012, he joined with colleagues Athula Herat and Manuel Valera, both from Physics, to present a workshop entitled HPC for the Liberal Arts at SRUs fall Professional Development Day. The goal was to encourage even more faculty colleagues to use SRUs newly acquired HPC equipment in their own research agendas and to expedite ongoing conversations with faculty about this issue. Dr. Valentine is proud that he won a grant that allows his students to build the first ever rack-based computer cluster, utilizing servers rescued from the campus surplus stream.

In the Fall of 2014, a student team coaxed nearly 200 billion floating point operations per second (200 GFLOps) from the new machine. For illustration, a mere twenty years ago, such computing power would have been noted as the fastest computer on the planet.

HPC Outside SRU

In 2011, Dr. Valentine won the initial prize from the Intel Academic Community for Teaching Parallelism with his project entitled, “Making Parallelism Nifty.” This prize initiated an ongoing relationship with Intel. Dr. Valentine has served as their corporate curriculum development speaker for the 2013 SISCSE and for a series of online webinars on teaching parallelism. For more information, set your browser at: http://software.intel.com/en-us/intel-education-offerings.

In 2013, Dr. Valentine was also invited to submit his work on the introductory programming sequence to CsinParallel at: http://serc.carleton.edu/csinparallel/modules/MonteCarloSimulation.html. The CsinParallel project is an NSF-funded introduction to parallel programming intended to jump-start the undergraduate curriculum. This project produces discrete project modules that professors may drop into standard CS courses to give students experience in parallel programming. In 2013, the Los Alamos Laboratory invited Dr. Valentine to participate in their NSF grant on Supercomputing Challenge (SCC), a successful, long running project.

In the Fall of 2014, by invitation from the IEEE Technical Committee on Parallel and Distributed Computing (TCPP), Dr. Valentine presented his SRU work at the international EduHPC Technical Program, as part of the SC14 conference.

Summary

Teaching HPC and PDC at Slippery Rock University has positioned the program to easily adapt to the latest curricular recommendations. Dr. Valentine’s enthusiasm for conference participation and new knowledge is contagious. There has been a direct positive result for our students as well. Valentine reveals that: “Students tell me their HPC experience is often the primary focus of job interviews. I have to say though, that the best part has just been how much fun I’ve had digging into an area I originally didn’t know all that much about, and acquiring the kit that allows our students to engage in one of the cutting edge areas of our discipline.”

Dr. Valentine’s work with Parallel and High Performance Computing reveals how well research, new insights, curricular change, and fun can combine when one actively pursues new developments from within their field of study.
The recent publications as reported by faculty members


Abstract: As higher education embraces new technologies, university activities including teaching, learning, and research-increasingly take place on university websites, on university-related social media pages, and elsewhere on the open Web. Despite perceptions that “once it’s on the Web, it’s there forever,” this dynamic digital content is highly vulnerable to degradation and loss. In order to preserve and provide enduring access to this complex body of university records, archivists and librarians must rise to the challenge of Web archiving. As digital archivists at our respective institutions, the authors introduce the concept of Web archiving and articulate its importance in higher education. We provide our institutions’ rationale for selecting subscription service Archive-It as a preservation tool, outline the progress of our institutional Web archiving initiatives, and share lessons learned, from unexpected stumbling blocks to strategies for raising funds and support from campus stakeholders.


Dudney, Donna, Benjamas Jirasakuldech (School of Business), Thomas S. Zorn, and Riza Emekter (2015) “Do Residual Earnings Price Ratios Explain Cross-Sectional Variations in Stock Returns?” Managerial Finance 41(7) (July 2015). Abstract: Variations in P/E ratios are explained in a rational expectations framework by a number of fundamental factors, such as differences in growth expectations and risk. We use a regression model and data from four sample periods (1996, 2000, 2001, and 2008) to separate the E/P ratio into two parts - the portion of E/P that is related to fundamental determinants and a residual portion that cannot be explained by fundamentals. We use the residual portion as an indicator of over or undervaluation; a large negative residual is consistent with overvaluation while a large positive residual implies undervaluation. We find that stocks with larger negative residuals are associated with lower subsequent returns and reward-to-risk ratio, while stocks with larger positive residuals are associated with higher subsequent returns and reward-to-risk ratio. This pattern persists for both one and two year holding periods.


Abstract: Online Peer-to-Peer (P2P) lending has emerged recently. This micro loan market could offer certain benefits to both borrowers and lenders. Using data from the Lending Club, which is one of the popular online P2P lending houses; this paper explores the P2P loan characteristics, evaluates their credit risk, and measures loan performances. We find that credit grade, debt to income ratio, FICO score, and revolving line utilization
play an important role in loan defaults. Loans with lower credit grade and longer duration are associated with high mortality rate. The result is consistent with the Cox Proportional Hazard test which suggests that the hazard rate or the likelihood of the loan default increases with the credit risk of the borrowers. Lastly, we find that higher interest rates charged on the high risk borrowers are not enough to compensate for higher probability of the loan default. The Lending Club must find ways to attract high FICO score and high income borrowers in order to sustain their businesses.


Harry, Joseph C. (Department of Communication) (2014) “Journalistic Quotation: Reported Speech in Newspapers from a Semiotic-Linguistic Perspective.” Journalism: Theory, Practice and Criticism 15 (November 2014): 1041-1058. Abstract: This research uses the semiotic theory of American pragmatist Charles S. Peirce (1839-1914), in addition to recent linguistic theory regarding the concept of subjectification, to show how reporters’ use of different kinds of direct-through-indirect quotation modes provides a means of the journalist’s own creative intervention
into news stories, while still furthering the long-standing goal of journalistic objectivity. The idea is that reporters take original source views ("simple subjectivity") and, via direct-through-indirect quotation modes, "creatively reformulate" them into what can be thought of as "complex subjectivity." In this way, journalists intervene into news stories by using significantly reformulated language - for example, by linguistically transforming direct into indirect quote-modes - demonstrating the reporter’s own subjectivized (though not subjective) take on what was originally stated by a source, but still reformulating the quotes in ways that accurately and thus objectively render original-source statements and thoughts. On the semiotic level, the article demonstrates that three basic quote modes direct, free-indirect, and standard indirect - conform to Peirce’s icon, index, and symbol, respectively. Implications of this semiotic subjectivization for journalistic practice are then considered in the article’s conclusion - specifically, the idea that what journalists end up producing, through the semiotic-linguistic ‘re-voicing’ process, can be theorized as propositional reassertion. In this manner, the journalist objectively transforms original-speaker statements while maintaining only “limited liability” for their accuracy.


Norris, J.N. and David M. Krayskzy (Department of Biology) (2014) “Caloglossa (Ceramiales; Delesseriaceae) pp. 218221, fig. 105.” In: Marine Algae of the Northern Gulf of California, II: Rhodophyta,Smithsonian Contributions to Botany 96: 845 pp., 351 pls.


Mondal, Sunita (School of Business) and Jacqueline Horrall (2014) “Regional Supplier Associations as the Producer of Transitional Public Goods in Latin America and the Caribbean Utility Markets.” International Journal of Economics

Abstract: According to 2014 NMC Horizon Report, the fastest growing jobs in the United Sates in the next 10 years will require college degrees. Community College student enrollment has already increased more than 53% over the last 20 years to attempt to meet this demand (National Association of College and University Business Officers). Some reasons for the increasing trend of students starting their post-secondary education at community colleges may include cost reduction and general preparedness for post-secondary education. Our study analyzes the characteristics of transfers versus traditional students in terms of: GPA, graduation rates and multiple demographic characteristics. This research aims at comparing the academic performance of transfer students versus traditional 4 year students at a singular university, in the areas of graduation rates, time frames and overall Grade Point Average.


Abstract: The purpose of the present study was to examine the heart rate response and force tension associated with deer hunting activities in men and women. Fifteen men and women (body mass index: 25.6±5.2 kg/m²; age: 27±9 years) participated in this study. Subjects performed a maximal graded exercise test (GXT) to determine maximal heart rate ($HR_{max}$). Subjects completed a 0.8 km hike over typical hunting terrain. Following a short rest, subjects completed a 0.4 km drag using a fake deer weighing 56 kg (123 pounds, the weight of the average field dressed deer in Pennsylvania, USA) over similar terrain. HR was measured during the activities using a Polar Heart Rate Monitor. Force tension ($TN_{mean}$) while dragging the deer was measured using a cable tensiometer. Women on average completed the 0.4 km drag course in 13±3 min, where men on average only needed 6±2 min to complete the drag. Women spent significantly more time ≥ 85% $HR_{max}$ (9±4 min), than men (2±3 min) during the drag ($P<0.05$). Women, on average, completed 71±22% of their drag ≥ 85% $HR_{max}$ which was significantly greater than men (37±36%; $P<0.05$). Throughout the drag, men and women $HR_{peak}$ corresponded to 90±6% and 99±7%, respectively, of their measured $HR_{max}$ via GXT ($P<0.05$). No significant difference was observed in $TN_{mean}$ between men and women during the drag tests. The results from this study indicate that hunting includes high-intensity exercise, with a greater relative stress placed on women. Deer hunters should exercise caution and adequately prepare for the potential demands of this activity.


E.S. Kentzel, J.M. Cunnigham, and A.E. Bruening are undergraduate students in Department of Biology.


(M. Duffy, J. Zacherl, and K. Anand are undergraduate students in Department of Biology.)


Corrado, Raymond R., Sarah Kuehn (Department of Criminology and Criminal Justice), and Irina Margaritescu (2014) “Policy issues regarding the over-representation of incarcerated Aboriginal young offenders in a Canadian context.” Youth Justice 14(1): 38-60.

Abstract: Over-representation of visible minority youth in youth prisons is evident in most advanced industrial and liberal democratic countries. In Canada, federal and provincial governments have initiated policy strategies to counteract the over-representation of Aboriginal offenders. One critical national initiative, the 2003 Youth Criminal Justice Act (YCJA), explicitly acknowledges the special status of Aboriginal youth. The current study examines (1) whether the YCJA has reduced the over-representation of Aboriginal young offenders in prison, and (2) whether the risk factor and offence profiles of incarcerated Aborig-
inal young offenders differ from Caucasian young offenders. Policy implications for Canada and other countries are discussed.


Zieg, Michael J. (Department of Geography, Geology, and the Environment) and L.W. Markwood (2014) “The cooling history of a simple intrusion from Nipigon, Ontario.” EOS, Transactions of the American Geophysical Union, 2014 Fall Meeting Supplement, Abstract #V51C-4774. Abstract: We have measured crystal sizes of oxide minerals (primarily magnetite) from a thin (1.4 m), compositionally uniform diabase sill to better characterize the relationship between thermal history and rock texture. In the outer 30 cm of the sill (upper and lower margins), crystal sizes increase from 2 to 9 m, and then remain nearly uniform at 9.5(±1.5) m through the central 80 cm. There is significant alteration in the lowermost 15 cm of the sill, which has largely obliterated the original oxide textures, but otherwise the textural profile is remarkably symmetrical, indicating that cooling occurred by simple conduction through the upper and lower margins. Reasonable cooling models, coupled with a simple linear crystal growth model, generate theoretical textural profiles that closely resemble the measured profile. The parameters of the growth model are consistent with experimental and observational data from a wide range of igneous bodies.
Presentations and Ongoing Projects


Cooke, Colleen (Department of Parks and Recreation - Therapeutic Recreation) and Catherine Massey (Department of Psychology) (2014) presented “Older LGBT individuals: How can recreational therapists address the unique needs of the growing population?” at the Annual Slippery Rock University Therapeutic Recreation Club Workshop, Slippery Rock University. April 4, 2014.


Cubero, Christopher G. (Department of Counseling and Development Department: Student Counseling Center), and M. Cappella (2014) “Effective Alcohol Use Prevention Education: A Comparison of Evidence-Based Interventions.” National Association for Addiction Professionals (NAADAC): 2014 Annual Conference and 40th Anniversary Celebration, September.

ABSTRACT: The current research project was conducted with an SRU graduate student that received Slippery Rock Faculty Student Research grant funding as a comparison study to investigate the efficacy of 2 evidence-based prevention education programs. The study was conducted to see which program had more of an impact on the reduction of alcohol use behaviors among first-year exploratory college students. Results showed that both interventions led to a decrease in alcohol use behaviors from pre to post. However, the electronic intervention impacted heavy alcohol use patterns in participants more so than a face to face intervention. The findings led to procedures to disseminate the electronic intervention to all first-year students through FYIRST-Seminar courses. Note: In addition to the above national presentation the authors are finalizing a manuscript for publication.

Cubero, Christopher G. (Department of Counseling and Development Department: Student Counseling Center), and M. Cappella (2014) “Effective Alcohol Use Prevention Education: A Comparison of Evidence-Based Interventions.” National Association for Addiction Professionals (NAADAC): 2014 Annual Conference and 40th Anniversary Celebration, September.


DeNicola, Dean M. (Department of Biology) and Amber J. Lellock (Department of Biology Major) (2014) “Nutrient limitation of periphyton in streams along an acid mine drainage gradient.” Joint Aquatic Sciences Meeting, Portland, OR. May 2014.

Falso, Paul G. (Department of Biology), C.A. 11


Hollingsworth, Rachel, Andrew Zelasco, Alex Berner, Jake Bible, Ethan Finver (Biology Majors), and Stacy Hrizo (Department of Biology) (2014) “Examining Fruit Flies with a Glycolytic Deficiency for Infection Susceptibility.” PASSHE STEM Meeting, Slippery Rock University. November 2014.


Abstract: Peyssonnelia squamaria is a red algae that was described by Gmelin in 1768, from a collection from the Mediterranean sea. Precise location information for this sample was not indicated in the protolog. Gmelin classified this algal as a fucoid algae, namely, Fucus squamarius, then in 1842, it was reclassified by Decaisne as a red algal genus new to science. The new combination of the species became Peyssonnelia squamaria and is now the generitype of Peyssonnelia. A type sample of the species was never selected, and the collection used by Gmelin at present is accepted by many as lost. This represents a large problem in taxonomic research that has been conducted within Peyssonnelia and the Peyssonneliaceae within the last 50 years, as all studies have not looked at the type material in their revisionary research of the genus or the family. In this study we propose an epitype for P. squamaria based on a modern concept of the species utilizing anatomical and rbcL sequence data. We furthermore clarify the nomenclatural status of Sonderophycus and Sonderopelta which have been classified as genera within the Peyssonneliaceae.

Leasure, K., K. Krupack, C. Paul, and Kimberly ©sruRRE


Liu, Wenhao, Randal A. Nichols, and Traci Zillifro (Department of Physical and Health Education) (2013) “Larger amount of MVPA impacts more positively on students’ body fat: tracking against HFZ.” Poster session presented at 60th Annual Meeting of American College of Sports Medicine and 4th World Congress on Exercise is Medicine, Indianapolis, IN. May 2013.


Liu, Wenhao and his students (Department of Physical and Health Education) (2013) "Incorporating Chinese YoYo and Shuttlecock into Your PE Program." Practice session presented at 36th Annual Meeting of Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Harrisburg, PA. November 2013.


Liu, Wenhao (Department of Physical and Health Education), S.L.S. Bean, Traci Zillifro, and Jeffrey Smith (Department of Physical and Health Education) (2013) “Quality PE classes versus after-school physical activity: Which contributes to adolescents’ aerobic capacity more?” Poster session presented at 36th Annual Meeting of Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Harrisburg, PA. November 2013.
Liu, Wenhao (Department of Physical and Health Education) (2012) "Impact of PE physical activity levels on percent body fat: examined against healthy fitness zone." Poster session presented at 35th Annual Meeting of Mid-Atlantic Regional Chapter of the American College of Sports Medicine, Harrisburg, PA. November 2012.


Liu, Wenhao (Department of Physical and Health Education) (2014) "Field dependence-independence and youth's sports and physical activity participation." Presentation at Shenyang University of Chemical Technology, Shenyang, Liaoning, China. June 2014.


Melago, Kathleen (Department of Music) (2015) "Mastering the Music Education Job Search."
National Association for Music Education Eastern Division Conference, Providence, Rhode Island. April 10, 2015.


Abstract: Research has documented that levels of body dissatisfaction and disordered eating behaviors are high on college campuses. The Reflections Body Image Program (RBIP) was developed to improve body image and reduce disordered eating in college students. The RBIP is a peer-led program that seeks to empower women by challenging sociocultural ideals of thinness and beauty. Previous research has shown the RBIP to result in improved body image and reduced disordered eating behaviors in sorority women who completed the program. The current research examines whether the program is effective when implemented via student groups outside the sorority system. Participants were 82 women, recruited for the program through student organizations. They completed two 2-hour sessions of the RBIP. Questionnaires addressing body dissatisfaction, restrained eating, eating disorder attitudes and behaviors, fat talk, and sociocultural attitudes towards appearance were administered prior to Session I and following Session II. Paired Samples T-Tests compared responses from Pre to Post. Participants reported decreased body dissatisfaction, restrained eating, eating disorder attitudes and behaviors, internalization of sociocultural ideals, and use of fat talk. All differences are significant at the p<.05 level. After completing the program, college women reported measurable changes in attitudes and behaviors about their bodies and towards food and eating. These results support the use of the RBIP on a college campus and contribute to the growing body of research on the program.
Tantillo, M (Psychology major), Jennifer L. Sanftner (Department of Psychology), and E.J. Hauenstein (Psychology major) (2013) "Partnering with patients and families to develop an innovative multifamily therapy group treatment for adults with anorexia nervosa." Poster presented at the International Conference on Eating Disorders, Montreal, Canada. May 2013.

Tuten, Eric (Department of History) (2015) has accepted the special invitation of The Schusterman Center for Israel Studies at Brandeis University (BU) in Waltham, MA, to participate on a panel as part of a symposium to be held at BU on April 19, 2015. The title of the panel is “Integrating Film and Culture in the Teaching of Israel.” In extending this invitation to Dr. Tuten, the scholars at The Schusterman Center stated: “We believe your insights and comments will be valuable in advancing the discourse we aim to create with this symposium.”


Watson, T., Christopher G. Cubero (Department of Counseling and Development: Student Counseling Center), and R. Bateman (2013) "Gambling Among Rural College Students." National Center for Responsible Gaming 14th Annual Conference, September.


Westman, Barbara (Department of Art)
(2015) Three fiber artists exhibition scheduled for July 15 - August 8, at The Baltic Sea Cultural Center, Gdansk, Poland.
(2015) “Tree” Co-organized and co-wrote the program of the International Fibers Studio Collaboration between SRU and Academy of Fine Arts, Gdansk, Poland. Exhibition of artworks created by students and faculty will take place in June - July, 2015 at the Artur’s Mansion Gallery, part of Gdask Archipelago of Culture.
participation in an exhibition with students in the Advanced Printmaking class. June 6-July 12.
(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) As the Center for Public Humanities Advisory Board member I 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. I 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.
(2014) accepted for the prestigious international juried fiber art show, the 8th International Fiber Art Biennale “From Lausanne to Beijing”, Beijing - Nantong, China.
(2014) Faculty show at Martha Gault Art Gallery, SRU.
(2014) “Ode to Water”, group exhibition at The Baltic Sea Cultural Center, Gdansk, Poland.
(2014) Faculty sponsor of a student research project presented at the 2014 SRU Symposium for Research, Scholarship, and Creative Achievement.
(2014) Grove City College Gallery, group art exhibit by invitation, Grove City, PA
(2014) “Generation Y in the Studio; The Teaching Challenges.” Presented at the International Fiber Arts Conference, Academy of Fine Arts, Gdansk, Poland.
(2014) “Experiment” - Co-organized and co-wrote the program of the International Fibers Studio collaboration between SRU and Academy of Fine Arts, Gdansk, 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).
(2014) “Experiment” - student and faculty group exhibition at Refectory Gallery, Kartuzy, Poland.
(2014) solo exhibition, printmaking , STUDIO2504, West Virginia University, WV.
(2014) SRU Art Faculty group exhibition, Gallerie, Erie, PA.
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 Rock Research Expo aims to share, 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 current students,
   - Research projects and grant acquisition information (title, authors, brief introduction),
   - 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 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: