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### Faculty Achievements, October 2016

Otterbein University

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## Faculty Achievements Report, October 2016

### OFFICE OF ACADEMIC AFFAIRS

**PAUL S. EISENSTEIN**, Dean of the School of Arts and Sciences/Professor in the Department of English

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Toward 'What Bleeds or Trembles': Reflections on Bergman's *Wild Strawberries*." *American Imago*, 72.2 (Summer 2016): 229-234.

*Presentations and Posters*

"Pure Law: Agamben and Politics." LACK 2016: Psychoanalysis and Freedom Conference. Colorado College, April 2016.

**WENDY R. SHERMAN HECKLER**, Associate Vice President for Academic Affairs and Dean of University Programs/Professor in the Department of Education

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Sherman Heckler, W. (2016). Wittgensteinian perspectives and science education research. In *Encyclopedia of educational philosophy and theory*. Retrieved from [http://link.springer.com/referenceworkentry/10.1007/978-981-287-532-7\\_40-1](http://link.springer.com/referenceworkentry/10.1007/978-981-287-532-7_40-1).

*Presentations and Posters*

Sherman Heckler, W., Plank, K., and Reichley, K. (2016, October). *Assessment Leaders: Meeting faculty where they are*. Poster session presented at the annual Assessment Institute in Indianapolis, Indianapolis, IN.

### DEPARTMENT OF ART

**JANICE M. GLOWSKI**, Gallery and Museum Director

*Artistic Exhibits and Performances*

*Otterbein and the Arts: Opening Doors to the World*, with Diane Nance and Provost Martinez-Saenz. Conceptualized a 3-year arts initiative aimed at enriching the international education curriculum through global arts programming. Chile and Cuba were gateway countries for 2015-16. With graphic design intern for the Museum,

Savanna Daily, developed the initiatives branding, logos, and print materials.

*El Tanque*, by Carlos Martiel. Janice Glowski and Juan-Sí Gonzalez (Curators), Miller Gallery, Otterbein University, January 2016. The performance and video (now in Otterbein's permanent collection) were commissioned and produced by the curators and Otterbein's Museum and Galleries. The work spoke to the An Island Apart exhibition's theme of exile, prisoners of conscience, and the role artists in socio-political spheres.

*External Grants and Fellowships-Primary Investigator*

National Endowment for the Arts (NEA), for *An Island Apart: Cuban Artists in Exile* exhibition and related programming (\$28,000). This is Otterbein University's first NEA grant.

Ohio Arts Council (OAC), to support Cuban artist-in-residence, Juan-Sí Gonzalez, at Otterbein in Spring 2016. The residency resulted in an installation in the Fisher Gallery called *Cartographies: Reconstructing Human Displacement*. (\$3,436)

*Publications and Essays (non-peer reviewed)*  
*An Island Apart: Cuban Artists in Exile*, Janice Glowski and Juan-Sí Gonzalez (eds.), in conjunction with the exhibition, 2016.

**NICHOLAS A. HILL**, Professor

*Artistic Exhibits and Performances*

"The Passers-by" solo exhibition, Casaplan Cultural Center, Valparaiso, Chile.

"Across the Pond" group of ten German and American printmakers, Urban Arts Space, The Ohio State University, Columbus, OH.

AP Invitational Exhibition, Salt Lake City Art Center, Salt Lake City, UT.

Invitational exhibition, Art Walk, Central Michigan University, Mt. Pleasant, MI.

The Works 20<sup>th</sup> Anniversary Group Exhibition, The Works Center for Art, History and Science, Newark, OH.

*Community Outreach/Service Learning*

Printmaking workshop offered for Chilean artists and community members, Casaplan

## Faculty Achievements Report, October 2016

Cultural Art Center, Valparaiso, Chile, July 2016.

### *Honors and Awards*

Awarded one-month residency at Casaplan Cultural Center, Valparaiso, Chile, July 2016.

### *Presentations and Posters*

Studio presentation for artists and critics, Vytlacil Residency of the Art Students League of New York, Sparkill, NY, May 2016.

### *Service/Leadership in the Profession*

AP Reader for national Studio Art Portfolio reviews, Salt Lake City, UT.

**JONATHAN D. JOHNSON**, Associate Professor

### *Artistic Exhibits and Performances*

Miller Gallery (Westerville, OH): Low Season Le Festival Oodaaq (Les Ateliers de la Ville en Bois, Nantes, France).

Le Festival Oodaaq (Musée des Beaux-Arts and Théâtre du Vieux Saint-Étienne, Rennes, France).

Le Festival Oodaaq (Grande Passerelle, St. Malo, France).

Yorkshire Festival (Weston Park Museum, Yorkshire, UK): In God's Own Country, curated by The Professors and The Collaborators.

New Bohemian Gallery (Brainerd, MN): One Minute Films, curated Martin Nelson.

Fonlad Digital Arts Festival (Coimbra, Portugal), curated by José Vieira.

Santorini Biennial (Santorini, Greece).

Tasmanian International Video Art Festival, Tasmania, Australia.

AE Festival (Southern Theater, Minneapolis, MN).

Hotel Europa, Concordia Gallery, Enschede, Netherlands.

### *Presentations and Posters*

Innovations in Teaching and Learning (Franklin University, Columbus, OH): "Camera, What is Camera" presented with ESL instructor and coordinator, Erin Johnson.

### *Sabbatical Outcomes*

Created a suite of related photographs, artist books and experimental narrative films under the title "Low Season" that considered Thailand, Costa Rica and the Midwestern

United States as sites to contemplate multi-faceted social, natural and personal histories and how they intersect with global and local conditions. One of the short films has premiered at the Santorini Biennial in Greece.

**AMANDA L. KLINE**, Instructor

### *Artistic Exhibits and Performances*

*Connections to Ohio*, Sinclair Community College Art Gallery, Dayton, OH.

*Humor Me!*, Visual Art Exchange, Raleigh, NC.

*Filmideo*, Index Art Center, Newark, NJ.

## DEPARTMENT OF BIOLOGY AND EARTH SCIENCE

**DAVID C. SHERIDAN**, Assistant Professor

### *Books, Book Chapters, and Journal Articles (peer reviewed)*

Bannister R.A., Sheridan D.C., Beam K.G. (2016) Distinct components of retrograde Ca(V)<sub>1.1</sub>-RyR1 conformational coupling revealed by a lethal mutation in RyR1(E4242G). *Biophys. J.* 110 (4): 912-921.

**JEFFREY VASILOFF**, Assistant Professor

### *Artistic Exhibits and Performances*

Completed the composition, performance, recording, and publication of an album of original classical music, entitled "Powerful Play."

### *Presentations and Posters*

Vasiloff J. Rising incidence of Lyme disease in Ohio. Abstract presented at the annual meeting of the Ohio Academy of Science, Athens, OH, April 16, 2016.

Vasiloff J. Legionnaire's disease in Ohio, 2005-2014. Abstract presented at the annual meeting of the Ohio Academy of Science, Athens, OH, April 16, 2016.

Holbrook S., Lehner K., and Vasiloff J. Leading reportable infections in Ohio, 2014. Abstract presented at the annual meeting of the Ohio Academy of Science, Athens, OH April 16, 2016.

Bank S., Braun R., and Vasiloff J. Tick migration and Lyme disease in Ohio. Abstract presented at the annual meeting of the Ohio Public

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Health Combined Conference, Dublin, OH, May 10, 2016.

Danner A., Braun R., and Vasiloff, J. Fighting Ebola: Lessons learned from the field. Abstract presented at the annual meeting of the Ohio Public Health Combined Conference, Dublin, OH, May 10, 2016.

### *Service/Leadership in the Profession*

Continued to conduct medical home visits to geriatric patients during time off.

Taught a high level pathophysiology course to physician assistants at a professional school over the summer.

### *Teaching Innovations*

Continued to create worksheets and allow students to work on them in class. Students like to learn this way to solidify what is taught in lecture.

Worked jointly with the Academic Support Center and a visually impaired student in my INST class to discover new ways to support her learning, like personally narrating movies to tell her what she cannot see.

**ANNA M. YOUNG**, Assistant Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Sewall, K.B., Young, A.M., and Wright, T.F. 2016. Social calls provide novel insights into the evolution of vocal learning. *Animal Behaviour*. Vol 120: 163-172.

### *Presentations and Posters*

Jackson, K., Ayala, J., Rong, H., and Young, A. 2016. Preferential Interaction between Kin vs. Non-kin in the Giant Panda (*Ailuropoda melanoleuca*). Poster. Annual Association of Zoos and Aquarium Conference, San Diego, CA, September 7-11, 2016.

Eisenbarth, M., Hanes, E., Heskett, N., and Young, A. 2016. Tank Usage by Three Aquarium Housed Species of Indo-Pacific Fish Model Wild Conspecific Habitat Usage. Poster. Annual Association of Zoos and Aquarium Conference, San Diego, CA, September 7-11, 2016.

Hanes, E., Eisenbarth, M., Tucky, H., and Young, A. 2016. The Effect of Weather on Behavior in Three Zoo Housed Bear Species. Poster.

Annual Association of Zoos and Aquarium Conference, San Diego, CA, September 7-11, 2016.

## DEPARTMENT OF BUSINESS, ACCOUNTING AND ECONOMICS

**YIYUAN (AVA) LIU**, Assistant Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Examining the Age-Performance Relationship for Entrepreneurs: Does the Innovativeness of a Venture Make a Difference?" (2015), published in *New England Journal of Entrepreneurship*, Vol. 18: No. 1, Article 4.

### *Presentations and Posters*

Liu, Yiyuan and Sanjoy Ghose (2016), "Comparing Online and Offline Price Dispersion: A Meta-analytic Review," 38<sup>th</sup> INFORMS Marketing Science Conference, Shanghai, China.

**SHIRINE L. MAFI**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Mafi, S., Huber, M. and Shraim, M. (2016). ISO Certification Case Study, Chapter 9, *Handbook of Construction Management: Scope, Schedule, and Cost Control*, Boca Raton, FL: CRC Press.

### *Honors and Awards*

"Best paper" TLC (Teaching, Learning and Curriculum) award for "Comparing the Effectiveness of Learning Centers and Writing Circles to Improve Accounting Students' Writing Skills," Mid-Atlantic Region AAA meeting. Huber, M., Leach-López, M. A., Lee, E., and Mafi, S. (2016)

## CENTER FOR TEACHING AND LEARNING

**KATHRYN M. PLANK**, Associate Professor/Director of the Center for Teaching and Learning

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Esson, J., Plank, K. M., Wendel, P., and Young, A. (2016). A Study of evidence-based practices in a U.S. university: Lessons for faculty

## Faculty Achievements Report, October 2016

development. Conference Proceedings, New Perspectives in Science Education, 5<sup>th</sup> Ed.  
Wendel, P., Young, A., Esson, J., and Plank, K. M. (2016). Motivational decline in higher education STEM courses and its association with student demographics. Conference Proceedings, New Perspectives in Science Education, 5<sup>th</sup> Ed.

### *Presentations and Posters*

- Plank, K. M. (2016). Team teaching workshop. Indiana University School of Medicine. Indianapolis, IN, August 23.
- Plank, K. M. (2016). Team teaching. A series of workshops for faculty at Valencia College. Orlando, FL, May 12-13.
- Wu, J., and Plank, K. M. (2016). Culturally responsive teaching for Asian students. Innovations in Teaching and Learning Conference. Columbus, OH, June 9-10.
- Plank, K. M., Esson, J., Wendel, P., and Young, A. (2016). Designing faculty development to support the transformation of STEM education. Ohio Project Kaleidoscope Second Annual Conference: Evidence-Based Practices in Undergraduate STEM Education. Columbus, OH, May 21.
- Wendel, P., Young, A., Plank, K. M., and Esson, J. (2016). STEM student learning: A multi-departmental examination of an institution's conceptual gains. Ohio Project Kaleidoscope Second Annual Conference: Evidence-Based Practices in Undergraduate STEM Education. Columbus, OH, May 21.
- Esson, J. M., Plank, K. M., Wendel, P. J., and Young, A. (2016). A study of evidence-based practices at a U. S. university: Lessons for faculty development. Paper presented at the Fifth Edition of the New Perspectives in Science Education International Conference, Florence, Italy, March 17-18.
- Young, A., Wendel, P. J., Esson, J. M., and Plank, K. M. (2016). Motivational decline in higher education STEM courses and its association with student demographics. Paper presented at the Fifth Edition of the New Perspectives in Science Education International Conference, Florence, Italy, March 17-18.

Plank, K. M. (2016). A conversation about inclusion. Plenary at Lilly-Newport Beach: Evidence-based Teaching and Learning. Newport Beach, CA, February 18-21.  
*Service/Leadership in the Profession*  
Vice President of the International Consortium for Educational Development (ICED).

## DEPARTMENT OF CHEMISTRY

**JOAN M. ESSON**, Associate Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

- Young, A., Wendel, P., Esson, J., Plank, K. (2016) Motivational Decline in Higher Education STEM Courses and its Association with Student Demographics. In Pixel (Ed.) Conference Proceedings: New Perspectives in Higher Education, 5<sup>th</sup> Edition. Florence, Italy: [libreriauniversitaria.it](http://libreriauniversitaria.it).
- Esson, J., Plank, K., Young, A., Wendel, P. (2016) A Study of Evidence-Based Practices in a U.S. University: Lessons for Faculty Development. In Pixel (Ed.) Conference Proceedings: New Perspectives in Higher Education, 5<sup>th</sup> Edition. Florence, Italy: [libreriauniversitaria.it](http://libreriauniversitaria.it).
- Presentations and Posters*
- Plank, K., Esson, J., Wendel, P., Young, A. Designing Faculty Development to Support the Transformation of STEM Education. OH-PKAL Evidence-Based Practices in Undergraduate STEM Education Conference, Bexley, OH, May 2016.
- Wendel, P., Young, A., Plank, K., Esson, J. STEM Student Learning: A Multi-Departmental Examination of an Institution's Conceptual Gains. OH-PKAL Evidence-Based Practices in Undergraduate STEM Education Conference, Bexley, OH, May 2016.
- Esson, J.M., Hayes, C., Ramos, B., Johnston, W. Comparative Study of Instructional Style Effect on Student Attitudes and Learning in a Redesigned General Chemistry Laboratory. Biennial Conference on Chemical Education, Greeley, CO, August 2016.  
*Service/Leadership in the Profession*  
Councilor for the Columbus Section of the American Chemical Society.

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**CARRIGAN J. HAYES**, Associate Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Burgess, Jr., D. R., Manion, J. A., Hayes, C. J.  
"Data Formats for Elementary Gas Phase Kinetics: Part 1. Unique Representations of Species at the Molecular Level." *Int. J. Chem. Kinet.* 2014, 46, 640-650.

Burgess, Jr., D. R., Manion, J. A., Hayes, C. J.  
"Data Formats for Elementary Gas-Phase Kinetics, Part 2. Unique Representations of Reactions." *Int. J. Chem. Kinet.* 2015, 47, 334-350.

Burgess, Jr., D. R., Manion, J. A., Hayes, C. J.  
"Data Formats for Elementary Gas Phase Kinetics, Part 3: Reaction Classification." *Int. J. Chem. Kinet.* 2015, 47, 361-378.

Hayes, C. J., Burgess, Jr., D. R., Manion, J. A.  
"Combustion Pathways of Biofuel Model Compounds: A Review of Recent Research and Current Challenges Pertaining to First-, Second-, and Third-Generation Biofuels." *Adv. Phys. Org. Chem.* 2015, 49, 103-187.

### *Presentations and Posters*

Esson, J., Hayes, C., Ramos, B., Johnston, W.  
"Comparative study of instructional style effect on student attitudes and learning in a redesigned general chemistry laboratory." Biennial Conference on Chemical Education. Greeley, CO: 31 July 2016.

Hayes, C. J. "Adapting a visual art technique for use in an interdisciplinary chemistry and art course." Biennial Conference on Chemical Education. Greeley, CO: 1 August 2016.

## DEPARTMENT OF COMMUNICATION

**JEAN P. KELLY**, Associate Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Kelly, Jean, Carrie Scheckelhoff, Jeffrey Smith.  
2016. "I Teach, Therefore iPad: Improving Asynchronous Learning Through Formative Assessment" in *Unplugging From the Classroom*. Elsevier (in press).

Kelly, Jean. In Press. "Finding Faith in Communion Not Received," *U.S. Catholic Magazine*, Claretian Publications.

### *Community Outreach/Service Learning*

With students in JAMC 4600, Community Journalism, conducted interviews, researched and reported stories in the diverse urban Columbus-area neighborhoods of Olde Town East, Hilltop, and Franklinton. Spring 2016.

See their work here:

<https://communityjournalismotterbein.wordpress.com/community-stories/>

### *Service/Leadership in the Profession*

Site coordinator for annual Journalism Association of Ohio Schools Conference, Otterbein University. Recruit potential Otterbein students from among 400 high school media students and their advisors.

## COURTRIGHT MEMORIAL LIBRARY

**JESSICA CROSSFIELD MCINTOSH**, Assistant Professor and Public Services Librarian

### *Artistic Exhibits and Performances*

Worlds Away: A Photo Story from a Traveling Librarian: A Photo Exhibit, Becker Gallery, Courtright Memorial Library. August-September 2016.

### *External Grants and Fellowships-Primary Investigator*

Information Literacy Needs Abroad: Exploring Cultural Communication and Research Assistance Among Information Seekers, awarded by the Humanities Advisory Committee (Challenge Grant from the NEH), Spring 2016 (\$3,300). Grant supported travel, meals, and lodging for library-based humanities support and research in Malawi, Africa.

### *Presentations and Posters*

Information Literacy Abroad: Librarians and Service Learning, Annual OPAL (Ohio Private Academic Libraries) Conference, August 7, 2016.

Into the Gauntlet: Letting Students Teach One Another, co-Presenter, 2016 LOEX Conference, Pittsburgh, PA, May 2016.

## Faculty Achievements Report, October 2016

**AMY B. PARSONS**, Associate Professor and  
Cataloger/Metadata Librarian

### *Presentations and Posters*

No, We don't just read books all day:  
Developing Statistical Narratives/  
Infographics for Technical Services. Poster  
Presentation, Ohio Private Academic  
Conference (OPAL), Muskingum University  
Library, August 5, 2016.

### *Publications and Essays (non-peer reviewed)*

"A Visit to Otterbein University, Courtright  
Memorial Library," Singapore Libraries  
Bulletin, June 27, 2016.

**RARES G. PILOIU**, Associate Professor and  
Information Literacy Librarian

### *Presentations and Posters*

"Die Heimat der Schatten': Images of America in  
Joseph Roth's Fiction and Non-fiction,"  
Austrian Studies Association Conference,  
University of Vienna, Austria, March 2016.

**JANE H. WU**, Professor and Systems Librarian

### *External Grants and Fellowships-Primary Investigator*

"A Comparative Study of Information Literacy  
Education and Student Library Use  
Experiences in U.S. and Chinese Academic  
Libraries" CALA Sheila Suen Lai Research  
Grant. (\$1000) Jane Wu, P.I., 2015-2016.

"A Comparative Study of Information Literacy  
Education and Student Library Use  
Experiences in U.S. and Chinese Academic  
Libraries" American Library Association Ohio  
Chapter (ALAO) Research Grant. (\$2000) Jane  
Wu, P.I., 2015-2016.

### *Presentations and Posters*

Wu, Jane. (2016 August 15-16)  
Transformational Instruction: Building an  
Inclusive Learning Community for Asian  
Students. IFLA World Library and Information  
Congress Annual Conference Poster Session,  
Columbus, OH.

Wu, Jane. (2016 June 26). Culturally Responsive  
Teaching: Pedagogical Issues and Strategies  
for Teaching International Asian Students.  
ALA American Librarian Association Annual  
Conference Poster Session, Orlando, FL.

Wu, Jane and Plank, Kathryn M. (2016 June 10).  
Culturally Responsive Teaching for Asian  
Students. Innovations in Teaching and  
Learning 2016 Annual Conference  
Presentation. Columbus, OH.

## DEPARTMENT OF EDUCATION

**CLARE R. KILBANE**, Professor

### *Presentations and Posters*

Kilbane, C. (2016, May). "Thinking critically  
about critical thinking: Toward a framework  
supporting Catholic schools and educators."  
Paper presented at The Gravity of Education  
Conference: Catholic Education 50 years after  
Gravissimum Educationis. Ave Maria, FL.

**DIANE A. ROSS**, Associate Professor

### *Books, Book Chapters, and Journal Articles (peer reviewed)*

Knoblauch, D., Ross, D., Myers, A., Palombo, S.,  
Roberts, L., Wolfe, K. (submitted, May 2016).  
LGBT literature in the classroom: Future  
teachers feel it should not be so hard to use  
"So Hard to Say."

### *Community Outreach/Service Learning*

Service Learning Travel Trip to Uganda, 2011-  
present

### *Honors and Awards*

Awarded a Fulbright Award to the Africa  
Regional Research Program, May 2016.  
Increasing retention of young adolescent girls  
in schools in West Nile through use of a  
digital literacy collaborative. Research  
Question: How will the incorporation of a  
digital literacy collaborative into the  
curriculum of West Nile middle grade  
teachers improve retention of young  
adolescent girls through grade P7 by  
addressing issues of sexual reproductive  
health and identity?

### *Presentations and Posters*

Ziegenfuss, R., Odhiambo, E., Mizelle, N. E.,  
Ross, D. A. Accepted proposal, October 2016.  
CMLA: The Future? Panel presentation.  
Association of Middle Level Education:  
Austin, TX.

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*Service/Leadership in the Profession*  
Director of Digital Content, 2016-present.  
Assessment Committee, 2015-present.  
Taskstream Coordinator, 2014- present.  
Collegiate Middle Level Association  
Advisor/National Advisor.  
NCATE Board of Examiners, 2011-present.  
Ohio Middle Level Professors (Secretary), 2004-present.  
Ohio Schools to Watch Leadership Team, 2004-present.  
NCATE Review Board for National Middle School Association, 2009-present.

**PAUL J. WENDEL**, Associate Professor

*Presentations and Posters*

Wendel, P. J., Young, A. M., Esson, J. M., Plank, K. M. (2016, May 21). STEM student learning: A multi-departmental examination of an institution's conceptual gains. Presentation at the 2<sup>nd</sup> Annual Ohio Project Kaleidoscope Conference, Capital University, Columbus, OH.

Wendel, P. J., Svitana, K., Conrad, M. (2016, September 28). Investigation of shale gas drilling and groundwater quality, Tioga County, Pennsylvania: A baseline study. Presentation at the Geological Society of America Annual Meeting, Denver, CO.

### DEPARTMENT OF ENGLISH

**NORMAN R. CHANEY**, Professor

*Presentations and Posters*

Public Presentation: Shakespeare Club of Delaware, OH. "Shakespeare's Imaginary Gardens and the Teaching of Life." 14 April 2016.

Public Presentation: Westerville Public Library, Westerville, OH. "Shakespeare's Life, Language, and Legacy." 25 April 2016.

**BETH RIGEL DAUGHERTY**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"On Essaying the Essay." Virginia Woolf Forum. *The South Carolina Review* 48.2 (Spring 2016): 49-57.

"Mary Sheepshanks, Virginia Stephen, and Morley College: Learning to Teach, Learning to Write." *Virginia Woolf and Her Female Contemporaries: Selected Papers from the 25<sup>th</sup> Annual International Conference on Virginia Woolf*. Eds. Julie Vandivere and Megan Hicks. Clemson, SC: Clemson UP, 2016. 69-75. Print.

*Presentations and Posters*

"Virginia Stephen's Uneasy Heritage: Lessons, Readers, and Class." Virginia Woolf and Heritage: the 26<sup>th</sup> Annual International Conference on Virginia Woolf. Leeds Trinity University, Leeds, UK. 16 June 2016. Address.

*Service/Leadership in the Profession*

Peer reviewer, *Woolf Studies Annual, InSight: A Journal of Scholarly Teaching*

**KAREN F. STEIGMAN**, Associate Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Didion, Fiction, and Complicity." *a/b: Auto/Biography Studies* 30.3 (2016).

*Presentations and Posters*

Participant, Roundtable on "On Joan Didion: Essayist, Journalist, Memoirist, Novelist." Modern Language Association Convention. Austin, TX. January 7-10, 2016. (Invited.)

"Imagining Involvement." Midwest Modern Language Association Convention. Columbus, OH. November 12-15, 2015.

"Neoliberalism and Public Form in Didion, Adler, and Hardwick." ASAP 7: Association for the Study of the Arts of the Present Conference. Greenville, SC. September 24-27, 2015.

### DEPARTMENT OF EQUINE SCIENCE

**STEFFANIE V. BURK**, Assistant Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Burk, S.V., S. Dangoudoubiyam, T. Brewster-Barnes, D.K. Howe, C.N. Carter, U.K. Bryant, and M.G. Rossano. 2016. Equine antibody response to larval *Parascaris equorum* excretory-secretory products. *Veterinary Parasitology*. 226:83-87.



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### *Community Outreach/Service Learning*

The Westerville Special Olympics Equestrian Team, coached at Otterbein University's Knowlton Center by alum Allie Rubenstein and Dr. Steffanie Burk, was awarded two gold medals and three silver medals at the annual state competition in Cincinnati, OH. August 2016.

### DEPARTMENT OF HEALTH AND SPORT SCIENCES

#### **PAUL D. LONGENECKER**, Senior Instructor

##### *Community Outreach/Service Learning*

Westerville Public Library Foundation, Board of Trustees, President, 2016.

Columbus Roadrunners Club, Volunteer.

##### *Presentations and Posters*

Webinar Presenter (invited); "Doing the Right Thing: Resolving Ethical Challenges," National Hospice and Palliative Care Interdisciplinary Team Webinar series, July 14, 2016.

##### *Service/Leadership in the Profession*

Reviewer, The Patient Experience Journal

Reviewer, Journal of Healthcare Management  
National Hospice and Palliative Care

Organization: Member, Research Committee;

Member, Work Group for Management

Development Program Ethics Course Revision

Steering Committee Member, Education,

Research and Academic Section, National

Council of Hospice Professionals

Mentor, Preparing Future Faculty Mentor

Program, The Ohio State University

#### **KRISTY L. MCCRAY**, Assistant Professor

##### *Presentations and Posters*

McCray, K. L., and Sutherland, S. (2016, June).

The Sexual Assault Prevention Paradigm for athletic departments: Creating change in athletic department culture. Paper presented at the annual conference of the North American Society of Sport Management, Orlando, FL.

McCray, K. L., and Melton, N. (2016, June).

Creating beneficial relationships: A diversity and inclusion workshop for researchers. Workshop facilitated at the annual

conference of the North American Society of Sport Management, Orlando, FL.

##### *Publications and Essays (non-peer reviewed)*

McCray, K. L. (2016). Title IX of the Education Amendments of 1972: History and overview. *ABCT Women's SIG Newsletter*, 2(2).

##### *Service/Leadership in the Profession*

Member, Diversity Committee. North American Society for Sport Management, June 2015-present.

Guest reviewer, *International Journal of Sport Management*, February-July 2016.

Interview quoted by CNN online (2016, September 4). Mad about Brock Turner's sentence? It's not uncommon. (available at <http://www.cnn.com/2016/09/02/us/brock-turner-college-athletes-sentence/index.html>)

Live interview on KCRW, Los Angeles NPR affiliate. (2016, June 6). Are athletes more likely to commit sexual assault? on Press Play by Madeleine Brand. (available at <https://www.kcrw.com/people/kristy-mccray>)

Interview quoted by Washington Post (2016, June 2). A shocking number of college men surveyed admit coercing a partner into sex. (available at: <https://www.washingtonpost.com/news/to-your-health/wp/2016/06/03/more-than-half-of-college-athletes-surveyed-at-one-university-admit-coercing-a-partner-into-sex/>)

#### **SHELLEY S. PAYNE**, Associate Professor

##### *Books, Book Chapters, and Journal Articles (peer reviewed)*

Braun, R.E., Cialella, K., Payne, S., Harper, W., Rocks, J. The perceptions of NSAID use among one Midwestern DIII athletic department. *The Journal of Sport Behavior*. Volume 40, Number 1, 2017.

Payne, S., Barrett, K., Wilkins, J. "The effect of step frequency training on a runner with patellofemoral pain." *Journal of Sports Medicine and Allied Health Sciences*.

##### *Grant Participant*

Faculty Scholarship Development Grant-Academic Year 2016-17 (\$2000). "Use of a screening protocol and step frequency as predictors of running-related injuries."

## Faculty Achievements Report, October 2016

### *Presentations and Posters*

Accepted Free Communications: Ohio Athletic Trainers' Annual Symposium 2016: Shelley Payne, DHS, AT, PT; Megan McCabe, Jared Pulliam; Otterbein University. "The Effect of Chronic Ankle Instability on Y-Balance Scores in Soccer Athletes."

Accepted Free Communications: Ohio Athletic Trainers' Annual Symposium 2016: Lauren Cornwell, Christen Kelly, Shelley Payne, DHS, AT, PT; Otterbein University. "Using Augmented Feedback to Decrease Patellofemoral Pain in Runners: A Pilot Study."

### *Service/Leadership in the Profession*

Chairperson of the University Curriculum Committee, 2015-16.

Member of the University Curriculum Committee, 2015-16 - 2017-18.

Member of the Editorial Board for the Journal of Sports Medicine and Allied Health Sciences.

Member of the Editorial Board for the International Journal of Self-Directed Learning.

Chairperson of the Ohio Athletic Trainer's Association Research and Grants Subcommittee.

### *Service/Leadership in the Profession*

Faculty Mentor, Summer Research Stipend (Tara Teeples).

Faculty Mentor, Pack Fellowship (Tara Teeples, Victoria Timmons).

**JOAN E. ROCKS**, Professor

### *Honors and Awards*

Inducted in the Ohio Athletic Trainers' Association Hall of Fame.

## DEPARTMENT OF HISTORY AND POLITICAL SCIENCE

**MARCUS E. GREEN**, Associate Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Gramsci e as lutas subalternas hoje: espontaneidade e organização política," *Revista Outubro* 25 (2016): 53-81.

### *Publications and Essays (non-peer reviewed)*

"Editors' Introduction" (with Serap Kayatekin), *Rethinking Marxism* 28.2 (2016): 147-153.

**LOUIS ROSE**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

*Psychology, Art, and Antifascism: Ernst Kris, E.H. Gombrich, and the Politics of Caricature*. New Haven and London: Yale University Press, 2016.

### *Honors and Awards*

Honorary Membership, American Psychoanalytic Association, awarded 2016.

Previous recipients have included Anna Freud, Eric Kandel, and Oliver Sacks.

### *Service/Leadership in the Profession*

Executive Director, Sigmund Freud Archives, 2015-Present.

Editor, *American Imago: Psychoanalysis and the Human Sciences*, 2011-Present. Journal founded by Sigmund Freud.

**DEBORAH B. SOLOMON**, Assistant Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Intersections of Gender and Nationalism in the 1929-1930 Kwangju Student Movement," book chapter in edited volume, in Andrew Hall and Tingshi Jin, eds., *Education History in Manchuria and Korea: An International Approach*. Fukuoka, Japan: Hana Shoin, March 2016.

"'The Empire is the Enemy of the East': Student Activism in 1940s Colonial Korea," research article, *The Journal of Korean Studies*, Spring 2015, Volume 20, Number 1.

### *Presentations and Posters*

"Student Protest and Print Technology in 1920s Colonial Korea," invited conference presentation. Redesigning Asia Pacific Future Studies Conference, Kyushu University, Fukuoka, Japan. February 2016.

*Published Reviews, Teaching Applications, and Essays*

*The Capitalist Unconscious: From Korean Unification to Transnational Korea*, solicited

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book review, *The Journal of Interdisciplinary History*, Autumn 2016, Volume 47, Number 2. *Colonial Rule and Social Change in Korea, 1910-1945*, solicited book review, *The Journal of Asian Studies*, August 2014, Volume 73, Issue 3.

### DEPARTMENT OF MATHEMATICAL SCIENCES

**WILLIAM V HARPER**, Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Harper, William V., and Braun, Robert E., Kaylee Cialella, Shelley Payne, and Joan Rocks, "The Perceptions of NSAID Use among One Midwestern DIII Athletic Department," *Journal of Sport Behavior*, Vol. 40(1) 2017.

Harper, William V. and Thomas R. James, "Maximum Likelihood and Least Squares Estimation Comparison for the Three-Parameter Weibull Distribution: Case Study of Statistical Software," *Proceedings of the Joint Statistical Meetings (JSM2016 - Section on Physical and Engineering Sciences)*, August 2016.

Harper, William V., David J. Stucki, Tony Alfano, Thomas Yahner, Jim Ponder, "Management of High Risk Pipeline Segments Using Statistical Process Control," *Proceedings of the 2016 11<sup>th</sup> International Pipeline Conference, IPC2016-64023*, September 26-30, 2016, Calgary, Alberta, Canada.

Harper, William V., and Alotaibi, Nader, and Husain M. Al-Muslim, Thomas A. Bubenik, Waleed A. Al-Usaimi, "Assessing the Benefits of Hydrotests for Pipelines with SCC History Post Crack Detection ILI Runs," *Proceedings of the 2016 11<sup>th</sup> International Pipeline Conference, IPC2016-64340*, September 26-30, 2016, Calgary, Alberta, Canada.

Harper, William V., and Al-Muslim, Hussain, and Abdulaziz N. Ababtain, Tom Bubenik, Nader A. Al-Otaibi "Susceptibility Of Stress Corrosion Cracking In Liquid And Gas Pipelines: A Saudi Aramco Study Using Statistical Approaches," *Proceedings of the 2016 11<sup>th</sup> International Pipeline Conference*,

IPC2016-64348, September 26-30, 2016, Calgary, Alberta, Canada.

**MATTHEW J. MCMULLEN**, Senior Instructor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Problem #2, American Invitational Mathematics Examination II, March 2016.

*Presentations and Posters*

"A New Representation of the GCD-sum Function," Ohio Mathematical Association of America Spring 2016 conference.

"A Drunken Walk in Las Vegas-Catalan Numbers and Gambling," Kappa Mu Epsilon Initiation Ceremony, Capital University, April 2016.

**ADRIANA NENCIU**, Associate Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

"Nested GVZ-groups" paper published in the *Journal of Group Theory*.

### DEPARTMENT OF MUSIC

**AMY D. CHIVINGTON**, Professor

*Artistic Exhibits and Performances*

Orchestra performance, accompanist for "Chitty Chitty Bang Bang" Delaware Arts, July 2016.

*Community Outreach/Service Learning*

Indian Run United Methodist Church, Dublin, OH, Director of Traditional Music, Present.

*Teaching Innovations*

Indian Run United Methodist Church, Music Coordinator for Vacation Bible School, July 2016.

Friendship Village of Dublin, Music Volunteer, Present.

edTPA National Arts Scoring Supervisor, Pearson, Present.

**DENNIS F. DAVENPORT**, Professor

*Artistic Exhibits and Performances*

Composed the score for a one-act opera, *First Encounters: Berthe Morisot Meets Edouard Manet*, to a libretto by his spouse, Sarah Davenport while on sabbatical in spring 2016. The work was produced by Otterbein Opera Theatre in Spring 2016. Robert Behrens

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directed, Dr. Davenport music directed and led the three piece combo orchestra from the piano. The cast included two voice faculty, four students, and an alumni guest artist.

Served as music director for Otterbein Summer Theatre's production of *The All Night Strut*, and led a three piece combo orchestra from the piano.

Presented the Otterbein Singers in concert with other Otterbein ensembles in October and December. The October concert featured a performance of *Jubilate, Jubilate!*, an anthem by Dennis and Sarah Davenport which was commissioned at Church of the Master by the children of Jim and Carol Shackson in honor of their parents' 50<sup>th</sup> wedding anniversary. Following the performance at the October choral concert, the work was performed by the combined forces of the Otterbein Singers and the Church of the Master Chancel Choir at a Sunday service.

Chautauqua, instrumental work by Davenport, was performed at the Fall Faculty Showcase in August 2015 with alumnus Evan Hughes on alto saxophone and D. Davenport on piano.

Presented the Otterbein Singers in a concert called British Invasions, featuring theatre and popular music from England that has proved popular in the United States, including excerpts from the works of Gilbert and Sullivan, Andrew Lloyd Webber, songs by the Beatles and Adele, a song from Monty Python's *Spamalot*, and ending with *Bohemian Rhapsody* by Queen.

**KAREN L. ECKENROTH**, Associate Professor  
*Artistic Exhibits and Performances*

Acted as Music and Stage Director of the Otterbein University Opera Scenes program, November 2015. One of these scenes was featured on Otterbein's annual Department of Music Collage Concert in October.

Acted as Music and Stage Director of the Otterbein University Opera Workshop's production of "The True Story of the 3 Little Pigs" by Wallace Earl DePue with the composer in attendance, April 2016. This is a

potential future outreach project to local Elementary Schools.

Served as Producer for the Opera Theatre premiere production of "First Encounters: Berthe Morisot meets Edouard Manet" by Dennis Davenport.

Conducted the Otterbein Women's Chorale for Otterbein's International Music Concert, February 2016.

Sang the Mezzo-soprano solos for Otterbein University Choir and Westerville Symphony's performance of "Missa Cubana" by Jose Maria Vitier as part of the Otterbein University Cuban Music Festival, April 2016.

**JENNIFER MERKOWITZ**, Associate Professor  
*Artistic Exhibits and Performances*

*Les Crapauds de la Fontaine (The Toads from the Fountain)* for bass clarinet and electronic sound was commissioned by the Third Practice Electroacoustic Music Festival at the University of Richmond, VA. The world premiere was performed by Andrea Cheeseman in November 2015, and the Ohio premiere was performed at Otterbein by recent music graduate Andrew Kovaleski in April 2016. Future performances of the piece are scheduled in November 2016 at the Electroacoustic Barn Dance at the University of Mary Washington, VA, and at Appalachian State University in NC in March 2017.

**NICHOLAS P. ROSS**, Professor

*Artistic Exhibits and Performances*

Recording published on the Centaur Records label in September, 2015: Arthur Honegger: Chamber Music, Centaur Records, Inc., CRC 3437. Recorded 2009, 2012 and 2013 at Sweet Briar College. Recorded and edited by Harold Thompson, liner notes: Nick Ross and Wesley Baldwin.

Solo piano recital, Cedarville University. Works by Liszt, Busoni, Debussy, Bartók and Barber. March 17, 2016.

Solo piano recital, Mount Union University. March 8, 2016.

Piano Concertos with Otterbein String Ensemble, Dr. Jim Bates, conductor. Eclogues

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by Gerald Finzi, Concerto in A major, K. 414 by Mozart. February 14, 2016.  
Solo piano recital, Otterbein University, January 31, 2016.

### *Presentations and Posters*

Piano masterclasses, Mount Union University and Cedarville University, March 2016.  
Lecture at Cedarville University: Bartók's Pencil Marks, March 2, 2016.  
Lecture-recital/workshop on Debussy and Bartók. CEOMTA, Columbus, October 22, 2016.

### **GAYLE A. WALKER**, Professor

#### *Honors and Awards*

Recipient of the Exemplary Teaching Award of the United Methodist Church's General Board of Higher Education, April, 2016. "This award symbolizes the vital impact of pedagogy in the formation of leadership for the next generation. It is also a token of respect for skilled expertise and dedication to the teaching and learning enterprise."

## DEPARTMENT OF NURSING

### **EVA M. FRIED**, Assistant Professor

*Books, Book Chapters, and Journal Articles (peer reviewed)*

Contributing author (revised introduction and sections on polycystic ovary syndrome, infertility, and menopause) Tharpe, N., Farley, C., and Jordan, R. (2017). *Clinical Practice Guidelines for Midwifery and Women's Health* (5<sup>th</sup> ed). Burlington, MA: Jones and Bartlett.

## DEPARTMENT OF PHYSICS

### **AARON W. REINHARD**, Assistant Professor

*External Grants and Fellowships-Primary Investigator*

Received a National Science Foundation Grant: "CAREER: The Effect of State-Mixing Interactions on the Rydberg Excitation Blockade," May 1, 2016 - April 30, 2021, \$400,000.

**NATHANIEL J. TAGG**, Associate Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Evidence for neutral-current diffractive neutral pion production from hydrogen in neutrino interactions on hydrocarbon. By MINERvA Collaboration (J. Wolcott et al.). [arXiv:1604.01728 [hep-ex]]. 10.1103/PhysRevLett.117.111801. Phys.Rev.Lett., Phys.Rev.Lett. 117 (2016) 111801.

Measurement of the Multiple-Muon Charge Ratio in the MINOS Far Detector. By MINOS Collaboration (P. Adamson et al.). [arXiv:1602.00783 [hep-ex]]. 10.1103/PhysRevD.93.052017. Phys.Rev. D93 (2016) no.5, 052017.

Measurement of Partonic Nuclear Effects in Deep-Inelastic Neutrino Scattering using MINERvA. By MINERvA Collaboration (J. Mousseau et al.). [arXiv:1601.06313 [hep-ex]]. 10.1103/PhysRevD.93.071101. Phys.Rev. D93 (2016) no.7, 071101.

Measurement of Neutrino Flux from Neutrino-Electron Elastic Scattering. By MINERvA Collaboration (J. Park et al.). [arXiv:1512.07699 [physics.ins-det]]. 10.1103/PhysRevD.93.112007. Phys.Rev. D93 (2016) no.11, 112007.

Identification of nuclear effects in neutrino-carbon interactions at low three-momentum transfer. By MINERvA Collaboration (P.A. Rodrigues et al.). [arXiv:1511.05944 [hep-ex]]. 10.1103/PhysRevLett.116.071802. Phys.Rev.Lett. 116 (2016) 071802.

Measurement of electron neutrino quasielastic and quasielasticlike scattering on hydrocarbon at  $\langle E_\nu \rangle = 3.6$  GeV. By MINERvA Collaboration (J. Wolcott et al.). [arXiv:1509.05729 [hep-ex]]. 10.1103/PhysRevLett.116.081802. Phys.Rev.Lett. 116 (2016) no.8, 081802.

The Detector System of The Daya Bay Reactor Neutrino Experiment. By Daya Bay Collaboration (F.P. An et al.). [arXiv:1508.03943 [physics.ins-det]].

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10.1016/j.nima.2015.11.144.

Nucl.Instrum.Meth. A811 (2016) 133-161.

The NuMI Neutrino Beam. By P. Adamson et al..  
[arXiv:1507.06690 [physics.acc-ph]].

10.1016/j.nima.2015.08.063.

Nucl.Instrum.Meth. A806 (2016) 279-306.

### *Honors and Awards*

Co-awardee of the 2015 Breakthrough Prize in Fundamental Physics (along with many other collaborators) for work discovering neutrino oscillations in the SNO and Daya Bay experiments.

## DEPARTMENT OF PSYCHOLOGY

**MEREDITH C. FREY**, Associate Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Detterman, D.K., Peterson, E.J., and Frey, M. C. (in press). Process overlap and system theory: A simulation of, comment on, and integration of Kovacs and Conway.

*Psychological Inquiry*.

Frey, M. C., and Laurie-Rose, C. (2016). *Predicting success from elementary cognitive tasks* (Technical report). Arlington, VA: U.S. Army Research Institute.

Frey, M. C. (in press). Intelligence. In M. H. Bornstein (Ed.). *The SAGE Encyclopedia of Lifespan Human Development*.

**ROBERT N. KRAFT**, Professor  
*Presentations and Posters*

Kraft, R. N. (2016, May). "The Effect of Place in Verifying, Revising, and Retrieving Long-term Personal Memories: A Comprehensive Self Study." Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

**MEREDITH MEYER**, Assistant Professor  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Meyer, M., and Gelman, S. A. (in press). Gender essentialism in children and parents:

Implications for the development of gender stereotyping and gender-typed preferences. *Sex Roles*.

Meyer, M., Gelman, S. A., Roberts, S. O., and Leslie, S.J. (in press). My heart made me do it: Children's essentialist beliefs about heart transplants. *Cognitive Science*.

## DEPARTMENT OF RELIGION AND PHILOSOPHY

**STEPHANIE L. PATRIDGE**, Associate Professor  
*Presentations and Posters*

"The Many Faces of Appreciative Snobbery," American Society for Aesthetics: Annual Meeting, Seattle, WA.

"Videogames and Imaginative Identification," Philosophy of Videogames Workshop, Salt Lake City, UT.

"Where Are All the Women? On Videogames, Gender, and Invisibility," Just a Game? The Aesthetics and Ethics of Video Games, University of Kent, England.

## DEPARTMENT OF THEATRE AND DANCE

**TIMOTHY (T.J.) GERCKENS**, Assistant Professor  
*Artistic Exhibits and Performances*

Lighting Design for *Fiddler on the Roof*. Directed by Lenny Leibowitz, Otterbein University Theatre, April 2016.

Lighting Design for *Treasure Island*. Directed by Mary Zimmerman at the Berkeley Repertory Theatre, Berkeley, CA, April 2016.

**MELISSA J. LUSHER**, Associate Professor  
*Artistic Exhibits and Performances*

Directed the world-premier of *Invention of Theater* (written by alumnus Sean Murphy, BFA in Acting 2014) for Otterbein Summer Theatre, June 2016.

Coached the New York dialect for Otterbein Summer Theatre's production of *Brighton Beach Memoirs*, May 2016.

## Faculty Achievements Report, October 2016

### EXTERNAL GRANT AWARDS - OFFICE OF GRANTS AND SPONSORED PROGRAMS

Otterbein faculty and administrators have received grants totaling \$175,204 since our last update in March 2016. Ranging widely from research to academic studies to community education, these grants support the mission of Otterbein, enhance faculty achievement and student learning, and strengthen social justice in the central Ohio community.

**TARA CHINN**, Business Affairs/Facilities  
Ohio Bureau of Workers Compensation,  
*Otterbein University request for a Scissor Lift*  
(\$11,474)

Otterbein University received funding for an intervention to increase safe practices and injury prevention from falls in our facilities by the purchase of a scissor lift. The lift will be used to reach work areas located at or in elevated spaces in need of building repair and inspection at heights where a worker is lifted into the proper working position by a propelled lift. The use of a scissor lift can make the completion of these tasks more efficient, and often times safer, by eliminating the use of an extension ladder or stepladder placed in a riskier and undesirable position. Specific job tasks include: changing light bulbs, ballast and any repairing of structure related to times to our indoor recreation center and basketball-volleyball auditorium; repairing, replacing and installing new plumbing; installing telecommunications infrastructure; putting up banners; fixing windows and gutter repairs.

**MELISSA GILBERT**, Center for Community  
Engagement  
The Columbus Foundation/ Franklin Park,  
*Community Garden Grant* (\$2,000)

Through these grant funds, the Otterbein Community Garden will take significant steps in sustainability and institutionalization. We plan to purchase bulk supplies to better facilitate the nurturing of the soil at the garden and will also be hosting garden events to raise awareness not only about the garden, but also about issues of hunger in our community.

The Columbus Foundation / Westerville Sunrise Rotary, The Promise House: Addressing Youth Food Insecurity in Westerville and Garden (\$3,858)

To meet the needs of under-resourced youth on campus and in the community, Otterbein University will provide a new community resource center and free community cafe at The Promise House beginning in the summer of 2016. The Promise House will address key socioeconomic barriers students face while in college. Promise House Student Coordinators will offer a series of services to help their peers succeed, including a campus food pantry, free cafe, Ohio Benefits Bank counseling, peer advocacy, and educational workshops. In order to "pay it forward," the Promise House student members will also: 1) volunteer as mentors to local youth, 2) provide youth programming at The Otterbein Community Garden and USDA summer feeding programs, and 3) harvest and donate fresh fruits and vegetables grown during the summer season to both the local food pantry and The Promise House.

## Faculty Achievements Report, October 2016

**TERRY HERMSEN**, Professor, Department of English  
Ohio Arts Council, *"The Most Beautiful Cemetery in Chile" Reader's Theater* (\$1,000)  
Otterbein University will present readers theater performances in Mansfield and Oxford, Ohio of "The Most Beautiful Cemetery in Chile," by Chilean poet Christian Formoso. Dr. Hermsen and two of his colleagues, along with current Otterbein students and alumni, serve as translators, scriptwriters, and actors, and will participate in post-performance talkbacks.

**DIANE ROSS**, Associate Professor, Department of Education  
Fulbright Scholar Program, *Flex Grant for Sub-Saharan Africa* (\$22,850)  
Dr. Ross received the Fulbright grant to understand how the multilingual digital collaborate, African Storybook Project (ASP) can be used with young adolescent girls as an intervention strategy to help them define identity, improve developmental assets, improve sexual reproductive health awareness and increase retention in school through P7. In cooperation with Nile University (Arua, Uganda), P4, P5, and P6 teachers will be identified and trained to use the digital literacy collaborative, ASP, as a medium to improve reading, writing, and personal empowerment. Quantitative data will be collected on retention. Qualitative analysis will include stories, interviews, and classroom observations. The Fulbright Program aims to increase mutual understanding between the people of the United States and the people of other countries, and it is the flagship international educational exchange program sponsored by the U.S. government.

**NATHANIEL TAGG**, Associate Professor, Department of Physics  
National Science Foundation, RUI: Neutrino Experiments at FermiLab (\$147,496)  
Neutrino oscillation experiments have revealed some of the most profound surprises seen by particle physics in the last half-century. As we prepare for the next-generation long-baseline neutrino oscillation experiments, we must understand both detector technologies and neutrino-nuclear cross sections in order to make future experiments successful in understanding the nature of the neutrino and its role in the structure of the universe. Dr. Tagg will continue participation in the MicroBooNE and MINERvA experiments currently running or being commissioned at Fermi National Accelerator Lab (near Chicago, IL). Funds will support summer salary for Dr. Nathaniel Tagg and two summer interns each year for three years, plus funds to support travel, equipment, and research materials.



## **Faculty Achievements Report, October 2016**

### **TENURE AND PROMOTIONS ACADEMIC YEAR 2016-17**

#### **PROMOTION TO FULL PROFESSOR**

Sue Constable, Education

Terry Hermsen, English

Clare Kilbane, Education

Margaret Koehler, English

Nichelle McNabb, Communication

David Robertson, Physics

Joan Rocks, Health and Sport Sciences

Nicholas Ross, Music

Hillary Warren, Communication

#### **TENURE AND PROMOTION TO ASSOCIATE PROFESSOR**

Robert Braun, Health and Sport Sciences

Susan Butz, Nursing

Ruth Chavez, Nursing

Bruce Mandeville, Equine Science

Shelley Payne, Health and Sport Sciences

Paul Wendel, Education

#### **PROMOTION TO ASSOCIATE PROFESSOR**

Rares Piloiu, Courtright Memorial Library