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### Faculty Achievements, May 2014

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## DEPARTMENT OF ART

**JONATHAN D. JOHNSON**, Assistant Professor

### *Artistic Exhibits and Performances*

Wellington Underground Film Festival (Wellington, New Zealand)

Uranium Film Festival at the Modern Art Museum (Rio de Janeiro, Brazil)

"Thank You For Failing" Asian Resource Center Gallery (Oakland, CA)

"Video Rover" DA Gallery (Pratt Institute, Brooklyn, NY), curated by Nicholas O'Brien

Best of the Hamilton Underground Film Festival, Silent Army (Melbourne, Australia)

San Francisco Center for the Book: mail/art/book, curated by Jennie Hinchcliff and John Held Jr., catalog

### *Presentations and Posters*

"I Am Already a Photographer: Teaching the web-savvy, app-educated student" Society for Photographic Education National Conference, Baltimore, MD

## CENTER FOR TEACHING AND LEARNING

### *Presentations and Posters*

**KATHRYN PLANK**, Director

**COLIN SAUNDERS**, Senior Learning Designer

**PEGGY McMAINS**, Program Coordinator

eMerge Conference, March 2014. "Blending the Blended: Perspectives on Novel Approach for Faculty Driven Course Transformation"

## DEPARTMENT OF CHEMISTRY

**JOHN T. TANSEY**, Associate Professor

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

Tansey, J.T., Baird, T. Jr., Cox, M.M., Fox, K.M., Knight, J., Sears D., and Bell, E., "Foundational Concepts and Underlying Theories for Majors in Biochemistry and Molecular Biology" *Biochem. and Mol. Bio. Ed.* 2013, 41:289-296.

### *Grant Participant*

Member of the NSF ASBMB RCN-UBE (Research Coordination Networks-Undergraduate Biology Education Steering Committee) We will be working in the framework of the new ASBMB guidelines to develop recommendations and assessment tools for BMB programs.

### *Honors and Awards*

ASBMB-UAN 'Most Outstanding Chapter' Award 2014, Faculty Adviser

### *Presentations and Posters*

Tansey, J.T., Bennett, J.A., Hayes, C.A., The Impact of a Multidisciplinary Functional Genomics project on the Biochemistry and Molecular Biology Curriculum at Otterbein University. ASBMB Summer Conference: Student Centered Education in the Molecular Life Sciences, August 2013.

Bennett, J.A., Hayes, C.A., and Tansey, J.T., The Impact of a Multidisciplinary Functional Genomics project on the Biochemistry and Molecular Biology Curriculum at Otterbein University. American Society for Microbiology-Council on Undergraduate Education satellite meeting (ASM-CUE), May 2013.

Hardy, C.C., Hubbell, T., DuBreuil, D. and Tansey, J.T. Characterization of a Perilipin 5 Splice Variant 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Sarr A., Niday, Z. and Tansey, J.T. Homology Modeling of Perilipin 5 Variant 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Bowman, J., Bennett, J.A., and Tansey, J.T. Characterization and modeling of the NOTCH 4 protein 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Geiger, R.A., Bennett, J.A., and Tansey, J.T. Phosphodiesterase expression and cyclic di-GMP production in *Streptomyces coelicolor* 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Science Outreach with the Otterbein University UAN. 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Bennett, J.A., Hayes, C.A., and Tansey, J.T., The Impact of a Multidisciplinary Functional Genomics project on the Biochemistry and Molecular Biology Curriculum at Otterbein University. 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Panel presentation: "Q and A, ASBMB programmatic Accreditation." 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

*Publications and Essays (non-peer reviewed)*

"Why you should judge posters at the ASBMB Annual Meeting by Paul A. Craig and John T. Tansey ASBMB Today, pp. 26-27 March 2013.

"Assembling a toolkit for biochemistry and molecular biology educators by Ann Wright, Pamela Mertz, and John T. Tansey ASBMB Today, p 28, November 2013.

*Service/Leadership in the Profession*

Member of the ASBMB Programmatic Assessment Committee

Ad Hoc reviewer for:

The Journal of Lipid Research  
Biochemica et Biophysica ACTA  
FEBS Letters  
Hormone and Metabolic Research  
Adipocyte  
PLOS one

Lead Judge, Immunology, Microbiology, Neurobiology section ASBMB Undergraduate Poster Competition, 238th National meeting of the American Society of Biochemistry and Molecular Biology (ASBMB), April 2014.

Elected to editorial board of Biochemistry and Molecular Biology Education.

**DEPARTMENT OF EDUCATION**

**SUSAN D. CONSTABLE**, Associate Professor  
*External Grants and Fellowships - Primary Investigator*

U.S. Department of Education National Professional Development Grant--COELEC, year 2, \$374,500.

*Presentations and Posters*

Scheckelhoff, C.T., Constable, S.C. and Schneider, J. (2013). Disabled, Dyslexic, or Disenfranchised? : Re-visioning stories of (Ill)lteracy. Literacy Research Association presentation. Dallas, TX.

*Service/Leadership in the Profession*

Member, Ohio Board of Regents Teacher Education Metrics Committee

Representative, Ohio School Board Association, Clinical and Field Experience subcommittee  
Institutional Representative, Ohio Association for Private Colleges of Teacher Education  
Reviewer, Literacy Research Association, Annual conference proposals

**SUNHWA JUNG**, Associate Professor

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

Davis-Temple, J., Jung, S., and Sainato, D. M. (in press). Teaching young children with special

needs and their peers to play board games: Effects of a least to most prompting procedure to increase independent performance. *Behavior Analysis in Practice*.

**GRACE A. MCDANIEL**, Assistant Professor

*Community Outreach/ Service Learning*

Member of the YMCA of Central Ohio Board, 2013-present.

*Honors and Awards*

Martin Luther King Peace and Justice Award, 2014.

*Presentations and Posters*

McDaniel, G. (2013, March). Preservice teachers use of photography to develop cultural consciousness. Presentation at the 6th Annual SoTL conference, Savannah, GA.

**KATHRYN M. PLANK**, Assistant Professor of Education and Director, Center for Teaching and Learning  
*Books, Book Chapters, and Journal Articles (peer reviewed)*

Plank, K. M., and Mares, A. (2014). The paths people take through teaching center services. *Journals on Centers for Teaching and Learning*, 5, 5-21.

Plank, K. M. (2013). Team Teaching. IDEA Paper No. 55. Manhattan, KS: Kansas State University, Center for Faculty Evaluation and Development.

*Presentations and Posters*

Little, D., Meixner, C., Palmer, M., and Plank, K. M. (2013). Beyond the box: Creativity and assessment in educational development. Session at the 38th Annual POD Network Conference, PA, November 6-10.

Plank, K. M. (2013). Intersections, collaborations, and synergies: Exploring the spaces "in between." Keynote address at Fall Faculty Conference, Metropolitan State University, St. Paul, MN, September 21.

Longstreet, C. S., Neiburger, E., Ouellett, M., Plank, K. M., and Tapp, S. (2013). Student Learning. Invited Panel at Forecasting Next Generation Libraries: A Course-ference at Carthage. Online conference sponsored by Carthage College, July 1-August 19.

*Service/Leadership in the Profession*

President, POD Network in Higher Education

Vice-President Elect, International Consortium for Educational Development

**DIANE A. ROSS**, Associate Professor

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

White, P., Ross, D., Miller, J., Dever, R. and Jones, K. (2013). Ohio's Middle Childhood Licensure Study. *Research in Middle Level Education Online*, 37(1), 1-22.

Dever, R., Miller, J., Ross, D., White, P. and Jones, K. (Spring 2014). Parallels between a collaborative research process and the middle level philosophy. *National Association of Professors of Middle Level Education: Current Issues in Middle Level Education*. Vol. 19. No. 1. Retrieved from <http://www.napomle.org/journal.html>

*Honors and Awards*

Martin Luther King Peace and Justice Award 2013.

*Presentations and Posters*

White, P., Ross, D., Miller, J., Dever, R. and Jones, K. (2013, November 8). Ohio's Middle Childhood Licensure Study. Paper presented at the Annual Conference of the Association for Middle Level Education, Minneapolis, MN.

*Service/Leadership in the Profession*

Ohio Middle Level Professors - Secretary

Ohio Schools to Watch - Leadership Team

NCATE Board of Examiners

NCATE/AMLE SPA Reviewer

**WENDY R. SHERMAN HECKLER**, Professor and Associate Vice President for Academic Affairs and Dean of University Programs

*Presentations and Posters*

Sherman Heckler, W. (2014, April). *Our QI story: Lessons learned around institutional buy-in*. Presentation ("Open Pathway Elective") given at the pre-conference Accreditation Workshop at the Annual Conference of the Higher Learning Commission, Chicago, IL. (repeated session)

## DEPARTMENT OF ENGLISH

**BETH RIGEL DAUGHERTY**, Professor

*Presentations and Posters*

"A Library of Her Own: Virginia Stephen's Books."

The 129th Modern Language Association Annual Convention. Chicago, IL. 10 January 2014.

"Beyond the Review: Becoming Virginia Woolf, Essayist." The 42nd Annual Louisville Conference on Literature and Culture since 1900. University of Louisville, Louisville, KY. 20 February 2014.

*Service/Leadership in the Profession*

Reviewed manuscript submitted to *InSight: A Journal of Scholarly Teaching*.

**PAUL S. EISENSTEIN**, Professor and Dean, School of Arts and Sciences

*Presentations and Posters*

"Between Two Lives, Between Two Deaths: The Politics of a Strange State." International Zizek Studies Conference, University of Cincinnati, April 2014.

**JEREMY H. SMITH**, Professor

*Presentations and Posters*

"Philosophical Reflection, Religious Experience, and Faith: the Case of Michel Henry." Presented at the meeting of the Society of Christian Philosophers, Trinity Christian College, March 2014.

**KAREN F. STEIGMAN**, Associate Professor

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

"'More electrical than ethical': Joan Didion and Empathy." In *Rethinking Empathy through Literature*. Eds. Sue J. Kim and Meghan Marie Hammond. New York/London: Routledge, 2014.

*Grant Participant*

Blended Learning Course Transformation Mini-Grant and Institute, Center for Teaching and Learning, Summer 2013.

*Presentations and Posters*

"Female Paranoia: Neoliberalism and Experimental Form in Didion, Adler, and Hardwick," American Comparative Literature Association Annual Conference. New York, NY. March 2014.

*Service/Leadership in the Profession*

Manuscript reviewer, *LIT: Literature Interpretation Theory*

## DEPARTMENT OF HEALTH AND SPORT SCIENCES

**PAUL D. LONGENECKER**, Senior Instructor

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

Longenecker, C.O. and Longenecker, P.D. (2014). Why hospital improvement efforts fail: A view from the front line. *Journal of Healthcare Management*, 59(2), 146-157.

"Understanding the Impact of Values on Organizational Culture," Audio Recording (MP3), National Harbor, MD: Digital Conference Providers, Inc., March 2014.

*Community Outreach/ Service Learning*  
Westerville Public Library Foundation, Board of Trustees

*Presentations and Posters*

"Understanding the Impact of Values on Organizational Culture," National Hospice and Palliative Care Organization 29th Management and Leadership Conference: Leading and Mobilizing Social Change for 40 Years, National Harbor, MD; March 27, 2014.

"Business Ethics: The Impact on Hospice Professionals, Oklahoma Hospice and Palliative Care Association 2013 Annual Conference, Tulsa, OK; October 23, 2013.

"The Role of Leadership in Maximizing Ethical Hospice Care by Volunteers, Oklahoma Hospice and Palliative Care Association 2013 Annual Conference, Tulsa, OK; October 23, 2013.

"Utilization of Team-based Self-Study for Exploring the Scholarship of Teaching and Learning, The 33rd Annual International Lilly Conference on College Teaching, Miami University, Oxford, OH; November 24, 2013. *Invited co-presenter*

*Service/Leadership in the Profession*

The Patient Experience Journal, Reviewer  
Journal of Healthcare Management, Reviewer

**DEPARTMENT OF HISTORY AND POLITICAL SCIENCE**

**JONATHAN F. DECOSTER**, Assistant Professor

*Presentations and Posters*

Invited Speaker, "Entangled Borderlands: Europeans and Timucuan in 16th-Century Florida," St. Augustine Historical Society, April 7, 2014.

**ANTHONY R. DESTEFANIS**, Assistant Professor

*Presentations and Posters*

"The Battle at Ludlow Reconsidered," *Symposium on the Centennial Anniversary of the Ludlow Massacre*, Colorado State University-Pueblo/El Pueblo Museum, April 18-19, 2014.

Colorado Humanities Council and the Centennial Commemoration Commission on the Ludlow Massacre Invited Lecture Series. Rawlings Library, Pueblo, Colorado, May 1, 2014; La Veta Public Library, La Veta, Colorado, May 4, 2014; and the University of Colorado-Colorado Springs, May 5, 2014.

**LA TRICE M. WASHINGTON**, Associate Professor

*Sabbatical Outcomes*

My sabbatical project allowed me to complete a book manuscript titled "Political Scandals: The

Consequences of Temporary Gratification." My research project questions whether the consequences associated with non sex-based scandals carry greater penalties than sex based political scandals in the 21st century. The research provides detailed analysis of over 50 political scandals and examines the impact that scandals have on the lives of political officials, their families, and the public's trust. The book manuscript is under contract, and is scheduled to be released in late July 2014.

**RICHARD J. YNTEMA**, Associate Professor

*Presentations and Posters*

Richard Yntema, "Balancing Private and Public Interests: Trade Credit and Collective Action in Holland's Early Modern Brewing Industry," paper presented at the 2014 Business History Conference, "The Virtues and Vices of Business - A Historical Perspective," held in Frankfurt, Germany, 13-15 March 2014.

**COURTRIGHT MEMORIAL LIBRARY**

**ELIZABETH A. SALT**, Professor and Catalog Librarian

*Published Reviews, Teaching Applications, and Essays*

Kopenawa, Davi and Bruce Albert. *The Falling Sky: Words of a Yanomami Shaman*. Harvard University Press, 2013 in *Library Journal* 138:16 (October 1, 2013), p. 81.

Clifford, James. *Returns: Becoming Indigenous in the Twenty-First Century*. Harvard University Press, 2013 in *Library Journal* 138:20 (December 1, 2013), p. 106.

**LOIS F. SZUDY**, Associate Professor and Director,  
Courtright Memorial Library

*Presentations and Posters*

"Advance Learning and Services through Collaboration and Integration with non-Academic Units and non-Departmental Programs on Campus," American Library Association of Ohio (ALAO) Annual Conference Presentation (Co-presented with Jane Wu) October 25, 2013.

*Service/Leadership in the Profession*

Re-elected as Treasurer of the Friends of the Otterbein University Courtright Memorial Library  
Member of the Ohio Private Academic Libraries (OPAL) Directors Council  
Member of the OhioLINK Independent College Directors Council  
Member of the OHIONET Board of Trustees

Advisor to the Otterbein University Chapter of Alpha  
Lambda Delta/Phi Eta Sigma Honorary Society  
Secretary/Treasurer of the Otterbein University  
Chapter of Torch and Key Honorary Society

#### DEPARTMENT OF MATHEMATICAL SCIENCES

**SUSAN E. THOMPSON**, Professor

*Grant Participant*

NSF ADVANCE Advisory Team Member

NSF WIDER Advisory Team

*Presentations and Posters*

"Flexible Option for Developmental Mathematics."

Presentation at the Joint Mathematics Meetings,  
Baltimore, MD, January 2014.

*Service/Leadership in the Profession*

Member, Ohio Mathematical Association of America  
Committee on Teacher Education and Licensure.

#### DEPARTMENT OF MUSIC

**NICHOLAS P. ROSS**, Professor

*Artistic Exhibits and Performances*

Chamber performances in "The Last Laugh" concert,  
part of The Humor and Music Festival, Otterbein  
University. April 1, 2014.

Piano masterclass at Virginia Technological  
University. January 28, 2014.

Piano recital at Virginia Technological University,  
Squires Hall, Blacksburg, VA. January 27, 2014.

"Debussy in the Rain," solo recital and pre-concert  
lecture with painter Maurice Quillinan, Riley  
Auditorium, Otterbein University. January 15,  
2014.

Performance of Chopin Piano Concerto in E minor,  
Westerville Symphony Orchestra, Peter Stafford  
Wilson conductor, Cowan Hall, Otterbein  
University. October 19, 2013.

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

"Mozart, Chopin, Debussy and the Golden Section in  
Music Function and Value: Proceedings of the  
11th International Congress on Musical  
Signification." Edited by Teresa Malecka and  
Malgorzata Pawlowska, 540-549. Krakow:  
Akademia Muzyczna W Krakowie, 2013.

*Faculty Scholars Development Committee Awards*

FAC writing award (June-August 2013)

FSDC Award (April 2014): Arthur Honegger: Chamber  
Music (editing and production costs for a  
recording to be released by the label Centaur  
Records).

*Presentations and Posters*

Presentation: Bartok's Pencil Marks: A Proportional  
Analysis of the Suite op. 14 and Improvisations  
on Hungarian Peasant Songs, op. 20, CMS Great  
Lakes Chapter Conference, Fargo, ND. March 29,  
2014.

*Service/Leadership in the Profession*

Adjudicator for the CMTA-Graves Piano Competition,  
Graves Recital Hall, Columbus. February 22,  
2014.

#### DEPARTMENT OF NURSING

**KAY A. BALL**, Associate Professor

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

Ball, K. (2013). The Three C's of Policy Health:  
Create, Communicate, and Comply. *AORN  
Journal*, 98(2):189-191.

Haverkamp, J. and Ball, K. (2013). BSN in 10: What is  
Your Opinion? *AORN Journal*, 98(2):144-152.

Ball, K. (2014). Surgical modalities. In J. Rothrock  
(Ed.). *Alexander's Care of the Patient in Surgery*  
(14th ed.). (pp.204-249). St. Louis: Mosby.

*Presentations and Posters*

AORN/ASPAN Collaborative Conference,  
Perioperative Patient Safety: A Collaborative  
Endeavor. Lecture title, Would You Recommend  
Your Lifestyle to Your Patients? in Columbus, OH.  
January 12, 2013.

Excellence in Perioperative Nursing at the Operating  
Room Nurses Association of Canada (ORNAC)  
meeting in Ottawa, Canada. April 25, 2013.

Would You Recommend Your Lifestyle to Your  
Patients? at the Central Ohio Health Educators  
meeting in Columbus, OH. January 14, 2013.

The Hazards of Surgical Smoke at the ConMed  
National Sales meeting in Phoenix, AZ. January  
17, 2013.

The Hazards of Surgical Smoke at Grant Bone and  
Joint Surgery Center, Columbus, OH. February  
13, 2013.

Orientation to AORN Congress at the International  
Summit meeting (Pre AORN Congress) at the San  
Diego Convention Center, San Diego, CA. March  
2, 2013.

Perioperative Nursing Course at Otterbein at AORN  
Congress in San Diego, CA. March 5, 2013.

The Hazards of Surgical Smoke at Grant Medical  
Center Main OR, Columbus, OH. March 20, 2013.

The Hazards of Surgical Smoke at Physician  
Invitational Meeting at the Science Center in  
Sudbury, Canada. March 21, 2013.

The Hazards of Surgical Smoke at the Operating Room Nurses Association of Canada (ORNAC) meeting in Ottawa, Canada. April 23, 2013.

Would You Recommend Your Lifestyle to Others to Otterbein Alumni in the Student Center, Otterbein University, Westerville, OH. May 20, 2013.

Hazards in the OR to Ohio Valley Consortium of Hospitals, webinar from Westerville, OH. June 20, 2013.

Ultrasonics and Advanced Bipolar Energies for Ethicon Endosurgery at the Ethicon Endosurgery Headquarters, Cincinnati, OH. July 25, 2013.

The Hazards of Surgical Smoke at Licking Memorial Hospital, Newark, OH. August 8, 2013.

Women's Right to Vote at Central Ohio Health Educators (COHE) meeting at Kobacker House, Columbus, OH. September 9, 2013.

The Hazards of Surgical Smoke at Riverside Methodist Hospital OR meeting, Columbus, OH. September 17, 2013.

Orientation to the OR for Sales Representatives, webinar to Baltimore, MD from Lewis Center, OH. September 23, 2013.

Presentations on Adhesion Formation, Advanced Bipolar Technology, Surgical Smoke Hazards, Excellence in Perioperative Nursing for Ethicon Endosurgery at the Children's Hospital, Little Rock, Arkansas. October 5, 2013.

The Hazards of Surgical Smoke for Aerobix Inc. and discussion about air quality in OR in Westerville, OH. November 26, 2013.

Moderator of morning session at Canadian OR Nurse Managers' Conference at the Hyatt Regency in Vancouver, Canada. December 2, 2013.

The Hazards of Surgical Smoke at the Canadian OR Nurse Managers' Conference at the Hyatt Regency in Vancouver, Canada. December 3, 2013.

The Hazards of Surgical Smoke at the ConMed National Sales meeting in Nashville, TN. January 16, 2014.

Perioperative Certification at the AORN/ASPAN collaborative conference in Columbus, OH. January, 25, 2014.

The Hazards of Surgical Smoke at the OR Managers' Conference in New Orleans, LA. February 12, 2014.

Otterbein University School of Nursing at Nurses Day at the Statehouse, sponsored by Ohio Nurses Association, Columbus, OH. March 5, 2014.

Perioperative Nursing Goes to College, Part I and Perioperative Nursing Goes to College, Part II at

the Faculty Program section of AORN's Perioperative Conference and Expo in Chicago, IL. April 1, 2014.

*Service/Leadership in the Profession*

AORN (Association of periOperative Registered Nurses) - national Scholarship Committee Chair (2013-14)

International Relations Committee member (2013-14)

Silent Auction Task Force of AORN Foundation (2013-14)

AORN of Central Ohio

Board of Directors (2013-14)

Legislative Committee Chair (2013-14)

MidOhio District Nurses Association

Legislative Committee Chair (2013-14)

Delegate to Ohio Nurses Association convention (2013-4)

Ohio Nurses Association

Health Policy Council member (2013-14)

Delegate to ANA convention (2013-14)

Central Ohio Health Educators

Program Committee member (2013-14)

Delaware County Smoke-Free Task Force Member (2013-14)

**JOHN D. CHOVAN**, Assistant Professor

*Honors and Awards*

2014 Outstanding Educator Award, Sigma Theta Tau International (The Nursing Honor Society), Epsilon Chapter, The Ohio State University, April 15, 2014.

*Honors and Awards*

Honoree, 100 Distinguished Alumni Transformers in Nursing and Health Care, College of Nursing Centennial Celebration, The Ohio State University, Columbus, Ohio, March 29, 2014.

*Service/Leadership in the Profession*

Scholarship Awardee and Participant, Integrating End of Life Care of Oncology Patients into the Doctor of Nursing Practice Programs, inaugural training session, End of Life Nursing Education Consortium (ELNEC), American Association of Colleges of Nursing. Held in Glendale, CA, February 26-28, 2014.

**MARY W. MCKELVEY**, Professor

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

McKelvey, M. (with Dr. Mary Ann Burnam) (2013). *Identification of Roach's Concepts of Caring in Sophomore Nursing Students at a Women's Prison*. Ohio Academy of Medical History

Conference at Heidelberg University, Tiffin, OH.  
(Online peer-reviewed)

*Community Outreach/ Service Learning*

Chi Eta Phi Sorority, Inc. (National, professional organization): Chair, National Fellows Leadership Program, Washington, DC; Financial Secretary and By-laws/Protocol Committee Chair, Columbus, OH.

Barbershop community outreach: Volunteer, screenings for hypertension and diabetes twice per month, Columbus, OH.

Registered Nurses for Community Action and Public Service): treasurer, Columbus, OH.

Sigma Theta Tau International Honor Society: Chair of Governance Committee for Kappa Lambda Chapter, Westerville, OH.

*Presentations and Posters*

McKelvey, M. (2014, February 9). *Menopause? Let's talk about what it is*. Gamma Eta Chapter, Chi Eta Phi Sorority, Inc. Educational Offering, Columbus, OH.

McKelvey, M. (2013, October 25). Expert panelist to discuss Medical and legal issues related to drug abuse and misuse. Otterbein University Prescription Drug Vigil.

McKelvey, M. (with Dr. Mary Ann Burnam) (2013, April 13). *Identification of Roach's Concepts of Caring in Sophomore Nursing Students at a Women's Prison*. Ohio Academy of Medical History Conference at Heidelberg University, Tiffin, OH.

*Service/Leadership in the Profession*

Sigma Theta Tau International Honor Society: Chair of Governance Committee for Kappa Lambda Chapter, Westerville, OH.

**BARBARA A. NASH**, Visiting Instructor

*Honors and Awards*

Awarded the Elaine Martyn Writing Award by the Ohio Nurses Association, October 2013.

*Honors and Awards*

Named by The Ohio State University College of Nursing as an Alumni Transformer of Nursing and Healthcare Practice on March 29, 2014.

*Service/Leadership in the Profession*

Serve as the Co-Chair of the Ohio Action Coalition Work Group to Remove Barriers to Nursing Practice and implement the IOM recommendations for the Future of Nursing Campaign.

**BARBARA H. SCHAFFNER**, Professor and Dean,

Professional Studies and the Graduate School

*Honors and Awards*

Selected as one of 100 Alumni Transformers in Nursing and Healthcare at the Centennial Gala, on the occasion of its Centennial year, by the Ohio State University College of Nursing, March 29, 2014.

**JOY R. SHOEMAKER**, Assistant Professor

*Community Outreach/ Service Learning*

Ohio Reformatory for Women (ORW), Achieving Baby Care Successes (ABC's) Nursery volunteer June 2013-Present.

LEADS Community Action Agency Head Start Services Advisory Committee, Newark OH. 2010-Present.

Ohio Medical Reserve Volunteer for Licking County, Newark OH. 2002-Present.

Kappa Lambda Sigma Theta Tau International, faculty counselor, September 2013-Present.

*Completion of Doctoral Degrees*

Doctorate in Nursing Practice, Otterbein University, Westerville, OH, May 2013.

*Presentations and Posters*

Session presentation and poster presentation:

"Health Promotion in a Prison Nursery." Presented at the National Association of Pediatric Nurse Practitioner's Annual Conference in Boston, MA on March 12, 2014.

"Health Promotion in a Prison Nursery." Presented at the Zero to Three National Conference in San Antonio, TX, December 11 - 14, 2013.

Poster presentation:

"Health Promotion in a Prison Nursery."

"DNP Project: Health Promotion in a Prison Nursery." Presentation:

Akron Children's Hospital Annual Conference, October 10, 2013.

Ohio Nurses Association's event entitled "The Power of Sharing: Nursing Research and Project Outcome" on April 29, 2013.

Otterbein University's Second Annual Cardinal Colloquium: Celebration of Student Scholarly and Creative Works on April 26, 2013.



## DEPARTMENT OF PHYSICS

**AARON W. REINHARD**, Assistant Professor

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

Aaron Reinhard, Jean-Felix Riou, Laura A. Zundel, and David S. Weiss, Dark-ground imaging high optical thickness atom clouds, *Optics Communications* 324, 30 (2014).

## DEPARTMENT OF PSYCHOLOGY

**ROBERT N. KRAFT**, Professor

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

Kraft, Robert N. (2014). *Violent Accounts: Understanding the Psychology of Perpetrators Through South Africa's Truth and Reconciliation Commission*. New York: NYU Press.

## DEPARTMENT OF RELIGION AND PHILOSOPHY

**GLENNA S. JACKSON**, Professor

*Presentations and Posters*

Glenna S. Jackson, AAUW Presentation: "Women in the World's Religions" (November 14, 2013).

*Published Reviews, Teaching Applications, and Essays*

Glenna S. Jackson, Review in *The Fourth R* 27/1 (January-February 2014), pp. 19-20: Brian Griffith, *Correcting Jesus--2000 Years of Changing The Story* (Exterminating Angel Press, 2009).

**STEPHANIE L. PATRIDGE**, Associate Professor

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

"Pornography, Ethics, and the Gamer's Dilemma, *Ethics and Information Technology*, 15:1 (2013), pp. 25-34.

*Presentations and Posters*

"Moral Ambiguity, Interactivity, and Video Games," American Society for Aesthetics: Annual Meeting, San Diego, CA. 2013.

"On the Normativity of Amusement," American Society for Aesthetics: Pacific Division, Pacific Grove, CA. 2014.

## DEPARTMENT OF THEATRE AND DANCE

**MELISSA J. LUSHER**, Associate Professor

*Artistic Exhibits and Performances*

Coached High British dialect for Otterbein Theatre's production of *The Importance of Being Earnest*, March 2014.

Coached New York dialect and speech for Otterbein Theatre's production of *The Full Monty*, April 2014.

**REBECCA C. WHITE**, Associate Professor

*Presentations and Posters*

United States Institute for Theatre Technology National Conference 2014, Fort Worth, TX.

Poster Presentation: "Colored Pencils for Makeup Class" accepted into the Costume Commission Poster Session and presented at the conference on March 27, 2014.

## EXTERNAL GRANT AWARDS - Office of Sponsored Programs

**NATHANIEL TAGG**, Associate Professor, Physics

National Science Foundation (\$45,366) for the second year of his project RUI: Neutrino Experiments at Fermilab. Dr. Tagg and two undergraduate researchers will work at Fermilab in Chicago, Illinois to study the MINOS+, MINERvA and MicroBooNE experiments.

**STEPHEN GRINCH**, Archivist, Courtright Memorial Library

Ohio Historical Records Advisory Board (\$1,960) to organize, preserve and provide access to the Otterbein Walter G. Clippinger Presidential Papers (1909-1939), including indexing of the complete collection and the digitization of fragile and historically significant parts of the collection.

## SABBATICAL ABSTRACTS AND PROJECTED OUTCOMES FOR PROJECTS DURING ACADEMIC YEAR 2014-15

**CONSTABLE, SUE** (Education, fall 2014) The purpose of the proposed fall 2014 sabbatical is to study components of the new national accreditation process for education and engage intently and deliberately in the Council for the Accreditation of Educator Preparation (CAEP) process.

**Proposal Category:** *Projects directly related to program of the University*

**Projected Outcomes:** *Primary outcome will be optimal positioning for the department as Education heads into preparation for spring 2016 accreditation. A written report to the sabbatical committee; a final copy of the national accreditation report to the Office of Academic Affairs; a full report to CAEP, in line with national accreditation requirements. Round table session on campus for chairs and faculty interested in learning about strategies for accreditation and about the Otterbein teacher education program's performance relative to CAEP standards and evaluation.*

**DAVENPORT, DENNIS** (Music, spring 2015) Davenport will compose music for a one-act opera based on "First Encounters" by Nancy Caldwell Sorel and Edward Sorel, with libretto by Sarah Davenport (spouse), entitled "Berthe Morisot Meets Edouard Manet." Opera will be presented at Otterbein.

**Proposal Category:** *Scholarly/Creative Endeavors*

**Projected Outcomes:** *One-act opera suitable for performance by college actor/singers and musicians. Expanding on the work created during Davenport's last sabbatical, the result will be a complete evening of chamber opera, in two one-act pieces. Production of these operas will provide opportunities for performers to work on new material along with the composer and librettist – a valuable experience for young performers. Further productions of the operas in both not-for-profit and commercial venues.*

**HARPER, BILL** (Mathematical Sciences, fall 2014) This research develops a statistical experimental design assessment of 3-parameter Weibull least squares distribution fitting. Unknown to most is that different answers are generated by statistical packages for this problem. These least squares results will be compared to the maximum likelihood estimates in my 2011 publication.

**Proposal Category:** *Scholarly/Creative Endeavors*

**Projected Outcomes:** *This sabbatical builds on work Dr. Harper has been pursuing for a long time but more intensely since around 2005. Having become quite knowledgeable about the uses and difficulties of estimating a 3-parameter Weibull distribution, this research will allow him to assess how well a particular Weibull distribution fits a given set of data using both least squares and the earlier work on maximum likelihood estimation. This sabbatical will identify journal or professional meeting opportunities for subsequent publication of the sabbatical research.*

**HATTER-FISHER, DENISE** (Psychology, fall 2014) Hatter-Fisher will write a publishable manuscript titled "Depression, Racism, Alexithymia and Blood Pressure in Blacks." Additionally, she will pursue continued education in heart rate variability and related complementary health interventions. Proposal implementation would further her programmatic endeavors to address the intersection of psychological stress and health, in communities of color.

**Proposal Category:** *Scholarly/Creative Endeavors; Continuing Education*

**Projected Outcomes:** *Completion of a manuscript to submit for publication; development of new skills and increased knowledge for use in existing applied psychology courses; foundations of an idea for a new psychology seminar. Material will be submitted for publication in a peer reviewed journal. The prospect of course development that will ultimately be shared with Otterbein students.*

**HILL, NICHOLAS** (Art, fall 2014) Hill's sabbatical leave will include three invitational and/or peer-reviewed solo exhibitions in Chile, Germany, and Ohio, and an artist's residency in Santiago, Chile. He will produce a new series of prints that will be exhibited in at least one additional solo exhibition in 2015-16.

**Proposal Category:** *Scholarly/Creative Endeavors*

**Projected Outcomes:** *Prepare and present a solo exhibition of work at Sinclair State College in Dayton, Ohio and The City Archive of Dresden, Germany; travel to Taller 99 in Santiago, Chile for a two-week artist's residency and solo exhibition; create and exhibit a new body of work in Otterbein's Miller Gallery in 2015-16; present results of sabbatical work in a Faculty Roundtable and gallery talks.*

**HRINCA, IOAN** (Mathematical Sciences, spring 2015)

For the past sabbatical leave Hrinca's focus was on the exploration of the Erlanger Programm of Felix Klein, an approach to the study of modern geometries. During this sabbatical leave he proposes to investigate a direct link between the two Poincare's models of hyperbolic geometry, the Disk and the Upper-Half models.

**Proposal Category:** *Scholarly/Creative Endeavors*

**Projected Outcomes:** *To construct a direct link between two models (the Disk and Upper-Half models) and to publish work. Presentations to the department colloquium series to which the campus will be invited, and at appropriate organized conferences.*

**KANE, STELLA** (Theatre and Dance, spring 2015) Kane will create a one act dance theatre piece based on Gottfried Helnwein's boulevard of Broken Dreams, an American pop iconic reinterpretation of Edward Hopper's Nighthawks. This composition will premiere in the 2015-2016 Otterbein theatre and Dance Season performance schedule.

**Proposal Category:** *Scholarly/Creative Endeavors*

**Projected Outcomes:** *An original piece of dance theatre that will premiere at Otterbein University, potentially forming the basis of a future extended work; a collaborative artistic venue for Otterbein students and design faculty; research opportunities for undergraduate choreography students as they actively participate in the installation of an original dance theatre piece; and four public performances during the 2015-2016 Otterbein Theatre Season. Reporting/feedback session at one of the Department of Theatre and Dance Common Hours scheduled during the 2015-2016 academic year, open to the campus community.*

**MCDANIEL, GRACE** (Education, fall 2014) This sabbatical project will afford McDaniell the opportunity to 1) write a paper for presentation on culturally responsive teaching practices of teachers of homeless children, 2) conduct research with novice teachers of homeless children/children in extreme poverty, and 3) adjust the Multicultural Education course curriculum to include homeless/extremely impoverished children.

**Proposal Category:** *Scholarly/Creative Endeavors ; Projects directly related to program of the University*

**Projected Outcomes:** *Present at a National Conference such as NAME, AACTE or NAEHYC; improve the Early Childhood Multicultural Education Curriculum; inform and make program recommendations for the Otterbein Early Childhood Education Program Committee; in 2015, submit an article for publication.*

**ROBERTSON, DAVE** (Physics, spring 2015) Robertson proposes to continue developing tools for precision calculations in quantum field theory, needed for the analysis of experiments searching for "supersymmetry," a relation between particles of different spins that may be an integral part of the most fundamental theories of physics. His goal is publication in a peer review journal.

**Proposal Category:** *Scholarly/Creative Endeavors*

**Projected Outcomes:** *Develop and implement in SUSANA a calculation of the mass spectrum in SUSY based on effective field theory methods; publish a paper detailing the approach and the capabilities of the code; completion of at least one of the following: publication in a peer-reviewed journal, presentation at a professional conference, or the development of new student research projects.*

**ROSS, DIANE** (Education, spring 2015) The purpose of this sabbatical project is to explore the question 'How do university students acquire cultural consciousness through international field experiences?' Through time spent at Makerere University and Naguru Parents' School in Kampala, Uganda, Ross will conduct a narrative inquiry project, interviewing stakeholders and building partnerships for future exchanges.

**Proposal Category:** *Scholarly/Creative Endeavors; Projects directly related to program of the University*

**Projected Outcomes:** *An article published within 6 months of returning and additional partnerships established with universities, public schools and community agencies in Uganda. Development of a deeper understanding of cultural consciousness and education.*

**SHIVELY, DENISE** (Communication, fall 2014)

Technology has changed how public relations professionals reach audiences. Today's documents are now presented as online resources. This sabbatical will enable Shively to learn epublication software and apply it in a nonprofit setting where she is going to edit and

produce an e-rulebook for U.S. Synchronized Swimming.

**Proposal Category:** Continuing Education

**Projected Outcomes:** Update and enhance public relations technology skills, particularly related to epublication; create new materials to use in public relations courses that include discussions of the shift from hard-copy print publications to epublications; incorporate a service opportunity to meet the needs of a nonprofit organization while developing public relations materials.

**SMITH, JEREMY** (English, fall 2014) The proposed paper is a phenomenological study of metaphor. Smith claims that the function of a metaphor is to make values convincingly present in a way that transcends conceptual thought. This paper constitutes the final chapter of a book project which explores and defends the notion of truth in this literary art.

**Proposal Category:** Scholarly/Creative Endeavors

**Projected Outcomes:** Submission of articles and conference papers on some of the topics of the book; complete a draft of part 4 of the book project; submission of the entire book for publication when completed; presentation to colleagues of approach to literary theory and engagement in dialogue with other viewpoints.

**STUCKI, DAVE** (Mathematical Sciences, fall 2014)

Stucki will develop a course that will serve as a part of an Integrative Studies Dyad on the theme of mind/cognitive science. Paired with Andrew Mills' course Philosophy of Mind, this course will explore the history, philosophy, technology, and social implications of Machine Intelligence.

**Proposal Category:** Projects directly related to program of the University

**Projected Outcomes:** Develop an INST course on Machine Intelligence, providing Otterbein students with a sampling of what studies in the cognitive sciences are about; sabbatical report presentation at a departmental colloquium of the Mathematical Sciences department, open to the public; depending on the outcome of the initial offering of the course, will look for opportunities

to publish the course design in appropriate scholarship of teaching venues, such as the journal Computer Science Education, or the SIGCSE technical symposium on computer science education.

**WALTER, TERI** (Health and Sport Sciences, spring 2015)

Otterbein University's Sport Management program has been nationally accredited since 2007. In December 2014, the accreditation expires. The purpose of this sabbatical is to complete and submit a self-study (one of three benchmarks in the Commission on Sport Management Accreditation's process for national accreditation) of Otterbein's Sport Management Program.

**Proposal Category:** Projects directly related to program of the University

**Projected Outcomes:** Complete and submit Otterbein's Sport Management program's self-study report required for National Accreditation by its governing body, the North American Society for Sport Management (NASSM) and the Commission on Sport Management Accreditation (COSMA).

**WILSON, PATTI** (Health and Sport Sciences, fall 2014)

Wilson will explore the use of the Clifton Strengths Survey at "best practice" universities and investigate Otterbein's current use of the survey. She will synthesize information gathered to create a plan for a systematic approach to using the Strengths Survey in Otterbein's First Year Experience program.

**Proposal Category:** Projects directly related to program of the University

**Projected Outcomes:** Present recommendation for systematic incorporation of the Strengths Survey to the First Year Experience Advisory Committee; submit a concurrent session proposal to the 2015 First Year Experience Conference committee; share recommendation through the Faculty Scholar Development Committee's Drinks and Dialogues series or the Sabbatical Showcase.

## CENTER FOR TEACHING AND LEARNING

### 2014 January Blended Learning Course Transformation Institute Mini Grants

**PATRICIA HOHLBEIN**, *Graduate Admission  
Counselor/Recruiter, The Graduate School*  
**RARES PILOIU**, *Information Literacy Librarian, Assistant  
Professor, Courtright Memorial Library*

**EMILY TANSEY**, *Adjunct Professor, Chemistry*  
**ERICA VAN DOP**, *Adjunct Professor, Health and Sport  
Sciences*

### 2103 FACET Adjunct Faculty and Lecturers' Conference (FALCON) – Mini Grants

**KIMBERLEE GOODMAN**, *Music and Integrative Studies,  
"Going Paperless: Gateway to Nirvana"*

**EMILY TANSEY**, *Chemistry, "I Feel Your Pain – Empathy  
and Partner-in-Learning Approach to Science  
Education"*

### New Faculty Professional Learning Communities

**GEOFFREY BARSTOW**, Department of Religion and  
Philosophy  
**STEFFANIE BURK**, Department of Equine Science  
**JONATHAN DECOSTER**, Department of History and  
Political Science  
**BETH DERRINGER**, Academic Support Center  
**DANIELLE DOCKA-FILIFEK**, Department of Sociology and  
Anthropology  
**KRISTY DROBNEY**, Academic Support Center

**YIYUAN LIU**, Department of Business, Accounting and  
Economics  
**MEREDITH MEYER**, Department of Psychology  
**GINA OSTERLOH**, Department of Art  
**KATHRYN PLANK**, (co-facilitator), Center for Teaching  
and Learning  
**JEFFREY SMITH** (co-facilitator), CTL Faculty Associate,  
Mathematical Sciences  
**BETHANY VOSBURG-BLUEM**, Department of Education

### Equity Through Inquiry Professional Learning Community

**MICHELE ACKER**, (co-facilitator) Department of  
Psychology  
**SUZANNE ASHWORTH**, Department of English  
**DANIELLE DOCKA-FILIFEK**, Department of Sociology and  
Anthropology  
**PAUL LONGENECKER**, Department of Health and Sport  
Sciences

**AMANDA PAGE**, Department of English  
**LISA PHILLIPS**, Student Affairs  
**KATHRYN PLANK**, (co-facilitator) Center for Teaching  
and Learning  
**MARK SKILLINGS**, Center for Student Success  
**KERRY STRAYER**, Department of Communication  
**ALLEN WILLIAMS**, Student Affairs

### CTL Certificates: Virtual Classroom (Collaborate)

**ROBERT BRAUN**, Department of Health and Sport  
Sciences  
**BARBARA CORNETT**, Department of Nursing  
**JACQUELINE HAVERKAMP**, Department of Nursing  
**PATRICIA KEANE**, Department of Nursing  
**PAUL LONGENECKER**, Department of Health and Sport  
Sciences

**ALICIA RIBAR**, Department of Nursing  
**COLIN SAUNDERS**, (facilitator) Center for Teaching and  
Learning  
**ANN-CATHERINE SULLIVAN**, Department of Health and  
Sport Sciences

## FACULTY SCHOLAR DEVELOPMENT COMMITTEE - Faculty Scholarship Grants

**JIM BATES**, Associate Professor, Music  
*North American Mandolin Ensemble - Eurofest  
Zupfmusik Festival 2014*

I have been invited to perform as the bass player for the North American Mandolin Ensemble (NAME). As member of this select group made up of mandolin artist/players from various places in North America, I will be performing at the Eurofest Zupfmusik Festival 2014, arguably the most prestigious mandolin festival in the world to be held in Bruchsal, Germany in May 2014. NAME was chosen through a competitive application process. Following the festival, NAME will tour the Netherlands. I am seeking funding to partially support my performing activities with this ensemble.

*An Investigation into Nineteenth Century Musical Performance Practices Pertaining to Orchestral Performance of the Austrian/German Musical Repertoire as Documented in Recordings and Video of the Early 20th Century*

This is a humanities based research project in the field of musical performance practice. There is a considerable amount of recorded material from the early years of recorded sound that is now available to be heard and studied. Using the recorded material available along with written documentation of performance in the 19th century and early 20th century it is possible to put together a more complete picture of those performance traditions. Part of the research for this project will be done in Vienna in January 2014. I am going to Vienna to utilize the museum and archival resources there.

**JENNIFER BENNETT**, Assistant Professor, Biology and Earth Science  
*The identification of cyclic di-GMP target genes in a pharmacologically important bacterium using RNA-seq*

Cyclic di-GMP is a ubiquitous signaling molecule in bacteria that controls a variety of processes, including development, lifestyle switches, motility, biofilm formation and the ability to cause disease. Streptomyces species are a group of bacteria that produce over two-thirds of the commercially important antibiotics, as well as anti-tumor, anti-parasitic and immunosuppressive drugs. Our laboratory has identified a variety of processes that cyclic di-GMP controls in Streptomyces, such as

development, antibiotic production and biofilm formation, but we have not experimentally identified the precise gene targets of this signaling molecule. By using RNA-seq, a NextGen sequencing technology, we should be able to identify gene targets that are regulated directly and indirectly by cyclic di-GMP signaling.

**TAMMY BIRK**, Assistant Professor, English  
*Rethinking Global Citizenship: Concepts, Challenges, and Commitments*

Together with Irene Langran (at Albright U), I am co-editing *Rethinking Global Citizenship: Concepts, Challenges, and Commitments*, an interdisciplinary collection of essays centered on the evolving idea and practice of global citizenship. The collection is targeted for use in higher education, and, for this reason, it has a distinct investment in exploring the implications of critical global citizenship practice for youth culture. The collection is currently under review at Stylus Press, a press that solicited this manuscript specifically. In addition to co-editing, I will be writing introductory material for the book and its three sections. I will also contribute a chapter on Critical Cosmopolitan Learning (derived from my dissertation). Because of the manuscript's decided emphasis on global civic identity and action in youth culture, I want to investigate ways that this collection can speak more directly to youth engagement and forms of belonging. This summer, I want to travel, engage participants, and collect materials from two important initiatives that are leading and redefining the shape of global citizenship practice for young people, especially college students: Mercy Corp's Global Citizen Corps (based in Portland, Oregon) and The University of Washington's Center for Global Studies, a Center that helped oversee the creation of the Global Washington Initiative.

**JOHN CHOVAN**, Assistant Professor, Nursing  
**MARJORIE VOGT**, Professor, Nursing (Collaborator)  
*The Impact of a Technology Enhanced Reduction in Stress (TERS) Program on Coping and Glycemic Control in Young Adults in Diabetes Mellitus*  
The TERS project examines the impact of stress-reduction interventions on the interplay of stress, coping, and blood sugar control in independent young adults with type 1 diabetes

(DM1). DM1 is the most common chronic illness in pre-adults in the U.S. It requires complex care and can result in serious negative long-term complications. This project will compare self-reported and objectively measured levels of stress and anxiety in young adults, who are newly in charge of managing their own blood sugar, after experiencing stress and coping interventions supported by social media, and the impact on their ability to manage their blood sugar.

**JOAN ESSON**, Associate Professor, Chemistry  
*Development of nanoparticle and surface-enhanced Raman spectroscopy assays for clinically and environmentally important compounds*

I am requesting funds to support my scholarship on developing novel sensing strategies for environmental pollutants and clinically important molecules using nanoparticles and surface-enhanced Raman spectroscopy (SERS). Specifically, I plan to develop strategies to measure the drug heparin and related enzymes that have been linked to certain cancers, as well as the environmental pollutants triclosan, caffeine, and bisphenol A. I am requesting funds to purchase chemicals and supplies for this project, which is an extension of my sabbatical work conducted during the 2012-2013 academic year.

**DENISE HATTER-FISHER**, Professor, Psychology  
*Stress, Alexithymia, Depression and Health Locus of Control in a Diverse Sample of Ethnic Women*

Ethnic minority women have been identified as a group disproportionately compromised by stress-related, preventable illnesses. Relatedly, it has been purported that the manifestation of a stress-related illness is partially dependent upon characteristics of the person with the illness. This investigation, therefore, seeks to examine the extent to which modifiable psychological factors (i.e., stress, depression and alexithymia) related to emotional self-regulation are predictive of participants' perceptions of their role in personal health maintenance. Results may have implications for health professionals' interventions with the target population.

**MIRANDA HALLETT**, Assistant Professor, Sociology and Anthropology

*Building the Trans-Nation: El Salvador as an Emigrant State in the Global Economy*

An estimated 30-40% of Salvadorans live outside of the country of El Salvador, and almost every resident citizen has close family living abroad. The Salvadoran national identity is becoming trans-national. The current project uses participant observation and interviews to examine, from a cultural perspective, emerging state institutions and practices in the Salvadoran government that attempt to transcend traditional nation-state boundaries to bind together the Salvadoran diaspora culturally and continue to serve citizens living abroad.

**TERRY HERMSEN**, Associate Professor, English  
*Metaphor, Poetry and Translation*

I apply for this additional funding as part of my sabbatical research to facilitate my study of metaphor as it relates to the translation of poetry. While much has been written on the art of translation, little has been made of the central role of conveying the nature of metaphor across languages. Along with traveling to Chile to teach poetry and translation in at least one bilingual international school, I will continue my reading into recent theorists on the nature of metaphor, read commentaries by translators on their craft, work with internationally-known translator Riccardo Duranti on recording his vision of the art of translating, and try my hand at translating a book by contemporary Chilean poet Christian Formoso. Finally, as time and logistics allow, I hope to build some connections between some bilingual students at Heritage Middle School in Westerville (I have been in contact with some teachers there whom I have worked with before and who support this idea) and students at two bilingual international schools where I have recently taught some poetry lessons: Thomas Jefferson School in Concepcion, Chile, and Ambricit International School in Rome, Italy. Via emails and blogs, the students would exchange poems--and share their efforts at translating each other's poems.

**JONATHAN JOHNSON**, Assistant Professor, Art  
*Psychedelic Wetlands: A Video Essay*  
"Psychedelic Wetlands" is a short video essay that uses the Cape Cod National Seashore as a site to contemplate multi-faceted and competing social and natural histories. This piece threads together imagery and field recordings to form a meditation on our relationship to nature and place that goes beyond the local.

**DEAN JOHNSTON**, Professor, Chemistry  
*Mobile-Friendly Web Materials for Teaching Symmetry*  
I propose to adapt previously developed web materials for teaching symmetry to a mobile-friendly format. These materials have proven to be extremely popular worldwide, but there is an increasing need to make them available in a format compatible with technologies beyond the conventional desktop or laptop computer. This project will involve (1) adapting the existing JavaScript code to function with the newly developed JSmol project, (2) restructuring the HTML code to create a visual display that is functional on a variety of devices, and (3) testing the new materials with local and external users to ensure maximum usability.

**LEESA KERN**, Assistant Professor, Sociology and Anthropology  
*The Effects of Police Response on Patterns of Gang Violence*  
Citizens, politicians, and law enforcement are often troubled by the effects street gangs have in their cities and towns, especially their role in violent crimes. There is often an outcry from citizens that something must be done to stop the violence. This research addresses two questions. First, I assess how much violent crime (homicide and aggravated assault) over a three year period is the result of gang violence, and if that pattern is significantly different from non-gang violent crime. Second, I will explore whether particular police interventions led to decreases (or increases) in violent gang activity. Data come from the Gang Unit of a large Midwestern police department over a three year period. I read all aggravated assault reports over the three year period and matched persons indicated with existing unit lists of known gang members. Findings are preliminary at this point but so far it appears that gang violence follows a three month cyclical pattern of increase followed by a quick

decrease. The workshop at this program will enable me to identify if this is truly a pattern and then indicate 'interrupts' where police intervention could be effecting the pattern.

**DEE KNOBLAUCH**, Associate Professor, Education  
*Recommended LGBTQ Themed Picture and Chapter Books*  
My project involves locating, identifying, and evaluating LGBTQ (lesbian, gay, bi-sexual, transgender, and questioning) themed picture books and adolescent chapter books. Suicide is the leading cause of death among gay youth, and all children (gay or not) need a safe space to understand and grapple with this controversial area of diversity. Teachers, librarians, counselors, coaches, and administrators should have ready access to high-quality LGBTQ themed books that can promote understanding and empathy.

**SHANNON LAKANEN**, Associate Professor, English  
*Travel Writing Project*  
During my sabbatical in Spring 2014, I will return to Elephant Nature Park in Chiang Mai, Thailand. I visited this refuge for abused, abandoned, and mistreated Asian elephants in Summer 2013 to initiate research for the collection of travel essays I am to write during my Spring 2014 sabbatical. I plan to return to Chiang Mai to volunteer at the refuge for two weeks and to more thoroughly immerse myself in the community, I will write at least one essay based upon my experiences there. The essay will explore the metaphorical connections between the elephants', (individual and collective) paradoxically revered and overlooked positions in Thai culture, and the formation and sustenance of a community of travelers (the refuge relies on hundreds of volunteers who travel from all over the world to donate their labor; the elephants living at the refuge come from all over Thailand). A second essay which may evolve out of this experience will interrogate the ways in which my own persona shifts while traveling in isolation and, more specifically, when immersed in a community of travelers dedicated to a common cause, such as the one which is thriving at Elephant Nature Park.



**PAUL LONGENECKER**, Senior Instructor, Health and Sport Sciences

*Evaluation of Core Values of Hospice Professionals through Content Analysis*

The purpose of the study is to follow-up on findings from three earlier studies conducted by the researcher on the topic. In the prior studies, hospice professionals from across the U.S. were asked to identify the most important values to them, provide definitions of the top five values, and valid the definitions identified. The next phase of the research is to conduct interviews based on the prior study findings. This additional evaluation will help in getting a clearer "picture" of the core values that drive hospice professionals. The study will involve hospice professionals who are attending the NHPCO Management and Leadership Conference in Washington, DC.

**JENNIFER MERKOWITZ**, Assistant Professor, Music  
*Recording: And a Dish Ran Away with the Spoon*

In 2012-13, Joseph Van Hassel commissioned me to write a piece of music for him. The result was "And the Dish Ran Away with the Spoon," and Van Hassel premiered the piece at Otterbein in February 2013. He went on to perform it at multiple venues around the state of Ohio, along with other pieces that he had commissioned from established and emerging composers. The next phase of the project is to make a professional recording. This June, we intend to make a high-quality recording of the piece that will be released on Van Hassel's CD, which will be distributed through CD Baby.

**MEREDITH MEYER**, Assistant Professor, Psychology

**SUE CONSTABLE**, Associate Professor, Education  
(Collaborator)

*Effects of a One-on-One Reading Intervention on Children's Reading Attitudes and Achievement*

One-on-one reading practice is a highly effective way of promoting children's reading. The proposed project supports a research study on a new reading program that pairs Otterbein undergraduates with elementary-school-aged low-performing readers. We propose to evaluate the efficacy of the program across time. Specifically, we plan to measure 1) children's pre- and post-tutoring reading performance, and 2) children's pre- and post-tutoring attitudes about reading. Funds will be used to maintain the operations of the reading program so that long-

term efficacy evaluation is possible. Operation costs include e-readers, downloadable reading material, and background checks for Otterbein tutors.

**NICHELLE MCNABB**, Associate Professor,  
Communication

*Tricks of the Trade: How Successful Debate Coaches Teach*

I want to interview successful college Lincoln-Douglas Debate coaches and ask them what makes them successful. Success is determined by how their students perform over time. I will be doing an ethnographic analysis. That is, I will interview coaches and observe them teaching. I will eventually make my findings available to the community through presentations and at least one journal article which I will send to the National Forensic Journal. I anticipate learning more about how these coaches motivate students, organize practices, manage work assignments and teach specific concepts like: round vision, the time skew, and argument efficiency.

**STEPHANIE PATRIDGE**, Associate Professor, Religion and Philosophy

*Are Video Games Art, and Why Should We Care?*

Recently, video games have received some treatment that indicates that they are artworks and not mere games. In 2012, the Smithsonian Museum organized an exhibition on the art of video games', and just this week the Tribeca Film Festival has included Quantic Dream's yet to be released *Beyond Two Souls* as an official selection.<sup>2</sup> In this project, I hope to examine the ontological question "under what conditions should video games count as art" and the practical question "how might the answer to this question bear on the value of such game?" Each of these questions builds on my previous work on the philosophy of video games and the ontology of art, and lays the foundation for future research on art, aesthetics, philosophy, and video games.

**ALICIA RIBAR**, Assistant Professor, Nursing

*Collaborators:*

**BARBARA CORNETT**, Professor; **SANDRA CORNETT**,  
**JACQUELINE HAVERKAMP**, Assistant Professor

*The Association of Body Weight Perception, BMI  
Understanding and Measured BMI in Adolescents*

This study will seek to assess the association between body weight perceptions, body mass index (BMI) perception and BMI understanding among adolescents. This study will examine the association between self-reported body weight perception and BMI perception via visual BMI scales and actual BMI measures in adolescents. Furthermore, this study will explore willingness to learn about nutritional intervention via social media. A convenience sample of students aged 10 to 15 years will complete a questionnaire assessing demographic characteristics, body weight perception in comparison to a visual analog BMI scale and have their height and weight measured and BMI calculated.

**NICHOLAS ROSS**, Professor, Music

*Arthur Honegger: Chamber Music*

In recent years, Arthur Honegger's status as one of the most important composers of the early to mid Twentieth Century has become apparent to music lovers, and yet recordings of his chamber music remain rare. Last summer pianist Nicholas Ross completed the recording of a chamber disc with the working title *Arthur Honegger: Chamber Music* with Jana Ross, violin, and Wesley Baldwin, cello. The recording will be released on the well-known American record label Centaur Records. The requested grant will cover some of the recording fees, as well as graphic design, packaging and distribution costs.

**DENISE SHIVELY**, Senior Instructor, Communication  
*Establishing Senior and First-Year Mentorship Travel  
Experience to Malawi*

This project will assist in establishing a mentorship and travel experience that ultimately brings together students in an SYE course with those in an FYS course who will travel to Malawi and participate in several service experiences. Through a Malawi-travel experience in May 2014, I will explore the types of organizations and experiences that are most appropriate for first-year students and produce a "best practices" model that can be shared with other faculty who may be interested in developing similar initiatives for FYS or Five Cards programs.

**DEBORAH SOLOMON**, Assistant Professor, History and  
Political Science

*Print Technology and Social Protest in Colonial Korea*

I am applying for an FSDC Grant to partially fund research travel to Japan and Korea. This travel is necessary to complete a new article entitled "Print Technology and Social Protest in Colonial Korea," which will help me to fulfill my department's scholarship requirements for tenure. In this article, I will address a significant gap within existing scholarship on social protest in colonial Korea: I will focus on how the introduction of specialized print technology onto the Korean Peninsula during Japanese rule facilitated the circulation of subversive writings among diverse groups of Koreans in ways that would have otherwise been impossible. At the same time, I will show how this printing technology left behind traces on the documents it produced that allowed colonial police to extensively investigate and criminally prosecute members of covert Korean activist networks. In other words, this article will examine the critical role that newly introduced printing technology played in both enabling and undermining anti-Japanese resistance on the Korean Peninsula prior to 1945.

**ANN-CATHERINE SULLIVAN**, Professor, Health and Sport  
Sciences

*Qualitative Research Data Analysis Software*

NVivo 10 is software that supports qualitative and mixed methods research. This software allows the user to collect, organize and analyze content from a number of sources. This software will be used for faculty professional research as well as with undergraduate student research projects. Recently, faculty and student research projects have required data analysis by hand but this software would permit a deeper and more thorough analysis of the qualitative and mixed methods data.

**NATHANIEL TAGG**, Associate Professor, Physics  
*Development of MicroCooNE Experiment*

I intend to spend my Spring 2014 sabbatical at the Fermi National Accelerator Laboratory near Chicago, helping to commission and improve the MicroBooNE neutrino detection experiment. MicroBooNE has several scientific and technical objectives related to measuring neutrino cross section and neutrino detector technology. This experiment is slated to start taking initial data in late spring or early summer, and so these months will be crucial for developing and deploying the

software and hardware that will make the experiment work. In order to secure a leadership role on the experiment, I am requesting funds for housing and per diem to support myself during this period.

**DAVID TODD**, Assistant Professor, English  
*"Carrie Madenda" (Play) and "The Playwrights' Theatre: Chicago Dramatists and its Impact in the Second City and Beyond" (Scholarly Paper)*

I am seeking funding for travel expenses for a weeklong trip to Chicago in August 2013. The purpose of this trip is to develop a theatrical adaptation of Theodore Dreiser's 1900 novel "Sister Carrie" with director Damon Kiely, for a workshop production at DePaul U. tentatively planned for Spring 2014. Damon and I will be collaborating on the revising of my first main draft of the play, and talking to actors/designers and other theaters (at least one other Chicago theater has expressed interest). To make the most of these funds, I would also like to use this trip to conduct field research for a presentation I am scheduled to make at the 2014 MLA Convention, also in Chicago but in January 2014, on the playwrights' organization Chicago Dramatists. I will be interviewing the head of Chicago Dramatists, Russ Tutterow, and possibly other members. I developed both of these projects to relate directly to my department of English's scholarship statement.

**GAYLE WALKER**, Professor, Music  
*The Caged Bird: A Three Movement Work on the Poetry of Paul Lawrence Dunbar*

"The Caged Bird" is a choral composition based on three poems of Paul Lawrence Dunbar (1872-1906): "Sympathy" ("I know why the caged bird sings..."), "We Wear the Mask," and "Beyond the Years." The composition incorporates musical fragments from Benjamin Hanby's abolitionist ballad "Darling Nelly Gray" (composed 1856). Dunbar and Hanby, both Ohio natives, helped gain respect for African-Americans in the second half of the 19th century. Dunbar was the first African-American poet to receive national recognition, and Hanby was an abolitionist whose song "Darling Nelly Gray" (composed while a student at Otterbein University), became a rallying anthem of the abolitionist movement.

**PAUL WENDEL**, Assistant Professor, Education  
*Opening Doors: a WIDER Examination of STEM teaching and Learning, Culture and Support at Otterbein University*

Otterbein's NSF-WIDER grant team is studying the science, technology, engineering, and mathematics (STEM) experience at Otterbein, including learning, teaching, and culture. In order to facilitate classroom observations, the team commissioned an iPad app for coding instructor and student actions. This grant assists with the development and maintenance of this app.

**PATRICIA WILSON**, Senior Instructor, Health and Sport Sciences  
*Developing a Strengths-Based First Year Experience*  
The Gallup Strengths Survey (Strengths Survey) is an assessment tool used world-wide to assist with an understanding of self talents leading to personal development and growth. I plan to synthesize information gathered in order to create a recommendation for a systematic approach to using the Strengths Survey during the First Year Experience. With an Appreciative Inquiry approach, I plan to explore Strength practices at institutions identified by Gallup as best practice universities such as Kansas State University.

**JANE WU**, Associate Professor, Library  
*Collaborators:*  
**ZHEN HUANG**, Professor; **KATHRYN PLANK**, Assistant Professor, **JEREMY SMITH**, Professor  
*Bridging the Gaps: A Case Study of International Asian Students at Otterbein*

The international student population at Otterbein has increased dramatically in recent years, especially with exchange students from Asia. The purpose of this research is to examine language, academic, and social-cultural adjustments facing Asian students at Otterbein. The study will employ both quantitative and qualitative methods using surveys and students enrolled in a FYS class to explore effective teaching methodologies and strategies for Asian students. Drawing on recent literature reviews along with the primary research, the results of the study will assist the campus in implementing programs that support the information competence, retention and academic success of Asian students.