

EASTERN ILLINOIS UNIVERSITY

2016 CELEBRATION OF PUBLICATIONS, CREATIVE WORKS, AND GRANTS

Wednesday, October 26 | University Ballroom | 3:30-5 p.m.





Eastern Illinois University is a community enthusiastically engaged in intellectual exploration. This includes faculty testing the boundaries of knowledge within their disciplines and the boundaries of how to convey that knowledge to their students. It also includes students, both graduate students joining with their faculty mentors in pressing the disciplinary boundaries, and undergraduate students discovering the front edges of the disciplines under the guidance of their instructors. Today we celebrate the full range of such faculty contributions: journal articles, book chapters, monographs, art works, music compositions, performances in all forms, and a host of others. Funded research contributions also are included and span similarly the full range just listed above. New this year is recognition of special contributions to pedagogy using technology – the Hoadley award for innovative and cutting edge contributions in this form.

As always, I invite each participant at today's event to browse the contributions of your colleagues, ask questions, and celebrate the intellectual vitality of this wonderful university. We have had plenty to lament during the past year, but today is a day to recognize and appreciate the vibrancy of our university and community of scholars. This is tangible evidence of why we went into this career.

Dr. Blair M. LordProvost and Vice President of Academic Affairs

Academic Affairs

Cross, Jeffrey F., co-editor-in-chief. *Journal of Collective Bargaining in the Academy*. http://thekeep.eiu.edu/jcba/, 2015-2016.

Art

Boonstra, Matthew. "Father Studies" Invitational Solo Exhibition. New Gallery, Deleplanie Visual Arts Center, MD. 2016.

Boonstra, Matthew. "Humankind" National Juried Exhibition. Foundry Art Center, Saint Charles, MO. 2016.

Boonstra, Matthew. "Impact" National Juried Exhibition. Foundry Art Centre, Saint Charles, MO. 2016.

Boonstra, Matthew. "Sculpture3: Material + Method + Meaning" Invitational Exhibition. University Gallery, Eastern Michigan University, MI. 2015.

Boonstra, Matthew. "Transfigure" Invitational Solo Exhibition. Leeds Gallery, Earlham College, OH. 2016.

Chi, Jenny. "36th Annual Paper in Particular" Juried Exhibition. Sidney Larson Gallery, Columbia College, MO. 2015.

Chi, Jenny. "Alumni Association of NYAA" Juried Exhibition. Studio 7 Fine Art Gallery, Bernardsville, NJ. 2015.

Chi, Jenny. "Annual National Juried Art Exhibition." Academy Center of the Arts, Lynchburg, VA. 2016.

Chi, Jenny. "Jenny Chi" Solo Exhibition. Lewis University Art Gallery, Romeoville, IL. 2015.

Chi, Jenny. "Portrait Invitational." Quincy Art Center, Quincy, IL. 2016.

Chi, Jenny. "Presidents 7th Annual Art Exhibition." Lewis University Art Gallery, Romeoville, IL. 2015.

Chi, Jenny. "Small Oil." Mark Arts, Wichita, KS. 2016.

Chi, Jenny. "Twice Born" Invitational Exhibition. Gage Academy of Art, Seattle, WA. 2015.

Chi, Jenny. "Urbana Art Expo." Urbana, IL. 2016.

Kahler, Chris. "Chicago Paints," curated by John Sabraw. The University of Ohio Art Gallery, Seigfred Hall, Athens, OH. January - February 2016.

Kahler, Chris. Sabraw, John. *Chicago Paints, Exhibition Catalog*. The University of Ohio Art Gallery, Seigfred Hall, Athens, OH. January 19 – February 20, 2016.

Pocaro, Alan. "2015 Art Faculty Exhibition." Tarble Arts Center, Charleston, IL.

Pocaro, Alan. "Abstraction: Diverted Reality." Evelyn E. Jorgenson Gallery, Moberly, MO.

Pocaro, Alan. "Amy Hutcheson: Undescribing Phenomena" Catalog Essay. Mongerson Gallery.

Pocaro, Alan. 'Ana Elise Johnson/The Mission Projects.' *NewCity*. March 26, 2016.

Pocaro, Alan. Artist Lecture, Four Rivers Print Biennial. Carbondale Community Arts, Carbondale, IL. February 27, 2016.

Pocaro, Alan. "Aubrey Levinthal." Bluestem Magazine. Spring 2016.

Pocaro, Alan. 'Boyang Hou/ParisLondonHongKong.' NewCity. May 25, 2016.

Pocaro, Alan. "Cage Unrequited," performance. Museum of Contemporary Art, Chicago, IL.

Pocaro, Alan. 'Christopher Michlig, Amy Yoes/Devening Projects + Editions.' NewCity. November 18, 2015.

Pocaro, Alan. 'Erin Washington/2016 Breakout Artists.' NewCity. April 28, 2016.

Pocaro, Alan. 'Erin Washington/Zola Libermann Gallery.' NewCity. January 22, 2016.

Pocaro, Alan. "Four Rivers Print Biennial." Carbondale Community Arts, Carbondale, IL.

Pocaro, Alan. 'Justin Witte/Hyde Park Art Center.' NewCity. February 19, 2016.

Pocaro, Alan. 'Michelle Grabner/Monique Meloche Gallery.' NewCity. March 2, 2016.

Pocaro, Alan. "Prophet Margin." Charlie Cummings Gallery, Gainesville, FL.

Pocaro, Alan. "Ruminate" Catalog Essay. Ukrainian Institute of Modern Art. June 3, 2016.

Pocaro, Alan. "Slow Painting" Catalog Essay. Joe Santoro/Richard Gray Gallery. August 1, 2016.

Pocaro, Alan. "Soundscapes," performance. Harold Gregor Gallery, Bloomington, IL.

Pocaro, Alan. "The Secret Meaning of Life: Willful Self-Deception as the Foundation for Contemporary Art." Miami University, Oxford, OH. February 25, 2016.

Pocaro, Alan. 'William Kohler/Linda Warren Projects.' *NewCity*. July 26, 2016.

Pocaro, Alan. "Works from Around Our State." Evanston Art Center, Evanston, IL.

Richardson, David and **Charlotte Pence.** "Normalization of Deviance" video-poem. Screened at Utopia/Dystopia, an international selection of films at the Bath Royal Literary and Scientific Institution. Bath, Avon, UK. June 2, 2016.

Biological Sciences

Heffron, K. T., Gaines, K. F., **Novak, J. M., Canam, T.,** & Collard, D. A. (2016). 17β-Estradiol influent and effluent concentrations in wastewater: demographic influences and the risk to environmental health. *Environmental Monitoring and Assessment*, *188*(5), 288.

Carlsward, B. S., & Slaven, I. (2015). Examination of failure of fibers from synthetic rope with foreign inclusions using polarized light microscopy. In *International Technical Rescue Symposium*. Portland, Oregon. Retrieved from http://itrsonline.org/papers/

Martinez, E., Porreca, A. P., **Colombo, R. E., & Menze, M. A.** (2016). Tradeoffs of warm adaptation in aquatic ectotherms: Live fast, die young? *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology,* 191, 209–215.

Hastings, R. P., **Meiners, S. J., Colombo, R. E.,** & Thomas, T. (2016). When to sample: flow variation mediates low-head dam effects on fish assemblages. *Journal of Freshwater Ecology*, *31*(2), 191–197.

Deppe, J. L., Ward, M. P., Bolus, R. T., Diehl, R. H., Celis-Murillo, A., Zenzal, T. J., ... Cochran, W. W. (2015). Fat, weather, and date affect migratory songbirds' departure decisions, routes, and time it takes to cross the Gulf of Mexico. *Proceedings of the National Academy of Sciences of the United States of America*, 112(46), E6331-8.

Pujade-Villar, J., Wang, Y., **Liu, Z.,** & Guo, R. (2016). Descriptions of two new species of Neuroterus Hartig from China (Hymenoptera: Cynipidae), *27*(1), 23–32.

Tan, K., Qu, Y., Wang, Z., Liu, Z., & Engel, M. S. (2016). Haplotype diversity and genetic similarity among populations of the Eastern honey bee from Himalaya-Southwest China and Nepal (Hymenoptera: Apidae). *Apidologie*, 47(2), 197–205.

Zhu, D.-H., **Liu, Z.,** Lu, P.-F., Yang, X.-H., Su, C.-Y., & Liu, P. (2015). New gall wasp species attacking chestnut trees: Dryocosmus zhuili n. sp. (Hymenoptera: Cynipidae) on Castanea henryi from southeastern China. *Journal of Insect Science*, *15*(1), 156.

Shi, J. P., **Liu, Z.,** & Li, B. P. (2016). Two new species and a key to nine species of the genus Mongolotettix Rehn, 1928 from China (Acrididae, Acridoidea, Orthoptera). *Zootaxa*, *4117*(3), 421–8.

Maia, A., & Wilga, C. A. (2016). Dorsal fin function in spiny dogfish during steady swimming. *Journal of Zoology*, 298(2), 139–149.

Fenesi, A., Geréd, J., **Meiners, S. J.,** Tóthmérész, B., Török, P., & Ruprecht, E. (2015). Does disturbance enhance the competitive effect of the invasive Solidago canadensis on the performance of two native grasses? *Biological Invasions*, *17*(11), 3303–3315.

Li, S., Cadotte, M. W., **Meiners, S. J.,** Hua, Z., Shu, H., Li, J., & Shu, W. (2015). The effects of phylogenetic relatedness on invasion success and impact: deconstructing Darwin's naturalisation conundrum. *Ecology Letters*, *18*(12), 1285–1292.

Bailey, T. L., Wang, M., Solocinski, J., **Nathan, B. P.,** Chakraborty, N., & **Menze, M. A.** (2015). Protective effects of osmolytes in cryopreserving adherent neuroblastoma (Neuro-2a) cells. *Cryobiology*, *71*(3), 472–480.

Pooley, A. E., Luong, M., Hussain, A., & **Nathan, B. P.** (2015). Neurite outgrowth promoting effect of 17-β estradiol is mediated through estrogen receptor alpha in an olfactory epithelium culture. *Brain Research*, *1624*, 19–27.

Tucker, G. C. (2016). Bergia (Elatinaceae) in Flora of North America. In F. of N. A. E. Committee (Ed.), *Flora of North America* (pp. 348–349). Oxford University Press.

Viji, A. R., Pandurangan, A. G., Sivadas, D., & **Tucker, G. C.** (2016). Carex nilagirica (Cyperaceae), a new sedge species from the Nilgiri Biosphere Reserve, India. *Webbia*, 1–5.

Viji, A. R., Pandurangan, A. G., Sivadas, D., & **Tucker, G. C.** (2015). Cyperus coonoorensis (Cyperaceae), a new species from the Nilgiri Biosphere Reserve, India. *Phytotaxa*, 203(2), 178.

Razifard, H., **Tucker, G. C.,** & Les, D. H. (2016). Elatine (Elatinaceae) In Flora of North America. In F. of N. A. E. Committee (Ed.), *Flora of North America* (pp. 349–353). Oxford University Press.

Razifard, H., Les, D. H., & **Tucker, G. C.** (2016). Evidence for the Transfer of Elatine rotundifolia to Linderniaceae. *Systematic Botany*, *41*, 400–407.

Rosman, A. J., Razifard, H., **Tucker, G. C.,** & Les, D. H. (2016). New Records of Elatine ambigua (Elatinaceae), a Nonindigenous North American Species. *Rhodora*, 118(974), 235–242.

Razifard, H., **Tucker, G. C.,** Ahart, L., & Les, D. H. (2016). Noteworthy collection, California: Elatine americana (Pursh.) Arn. (Elatinaceae). *Madroño, 63,* 3–4.

Bdeir, R., Busov, V., **Yordanov, Y. S.,** & Gailing, O. (2016). Gene dosage effects and signatures of purifying selection in lateral organ boundaries domain (LBD) genes LBD1 and LBD18. *Plant Systematics and Evolution, 302*(4), 433–445.

Dash, M., **Yordanov, Y. S.,** Georgieva, T., Kumari, S., Wei, H., & Busov, V. (2016). A network of genes associated with poplar root development in response to low nitrogen. *Plant Signaling & Behavior*, *11*(8), e1214792.

Dash, M., **Yordanov, Y. S.,** Georgieva, T., Kumari, S., Wei, H., & Busov, V. (2015). A systems biology approach identifies new regulators of poplar root development under low nitrogen. *The Plant Journal*, *84*(2), 335–46.

Business

Akalin, G., Huang, Z., & **Willems, J.** (2016). Is Supply Chain Management Replacing Operation Management in the Business Core Curriculum? *Operations and Supply Chain Management*, 9 (2), 119-130.

Roundy, P. T., Dai, Y., **Bayer, M. A.,** & Byun, G. (2016). Motivated to Change? TMT regulatory focus and strategic dynamism. *Management Research Review*, 39(7), 803-829.

Chiou, I. & Islam, S. (2016). "How do financial ratios affect corporate performance? Evidence from Bangladesh." *Proceedings of MBAA International Conference*. Chicago, IL.

Chiou, I., Kim, H., & **Minnis, W. C.** (2016). "The effects of product recalls on group companies: Evidence from a Korean chaebol." Proceedings of MBAA International Conference. Chicago, IL.

Valle, K. N., **Coker, K. K.**, & **Flight, R. L.** (2015). "Social Entrepreneurship in Marketing Education: Where Are We Now?" *Proceedings of Marketing Management Association Fall Educators' Conference*. San Juan, Puerto Rico.

Whalen, D. J. & **Coker, K. K.** (2016). Outside the Box Teaching Moments: Classroom-Tested Innovations. *Marketing Education Review*, 26(2), 119-123.

Costello, T. G. & **Costello, A. O**. (2015). Globalization and the United States: Empirical Evidence Interpreted Using Propaganda Literature. *Journal of Business and Behavioral Sciences*, 27(2), 28-37.

Dobbs, M. E. (2016). Book review: Tesla, SpaceX, and the quest for a fantastic future. *Journal of Applied Management and Entrepreneurship*, 21(1), 83-85.

Flight, R. K. & **Coker, K. K.** (2016). Brand Constellations: Reflections of the Emotional Self. *Journal of Product and Brand Management*, 25(2), 134-147.

Appelbaum, D., **Kozlowski, S.,** Vasarhelyi, M.A. & White, J. (2016). Designing CA/CM to fit not-for-profit organizations. *Managerial Auditing Journal*, 31(1), 87-110.

Tschakert, N., Kokina, J., **Kozlowski, S.,** & Vasarhelyi, M. (2016). The next frontier in data analytics. *Journal of Accountancy*, 222(2), 58-63.

Hill, A., Fisher, A., **Shinde**, J., & Ma, J. (2015). "Stress and Meditation: Findings of recent research and further study of Zikr Meditation and its effects on stress." *Proceedings of Center for Scholastic Inquiry (CSI) Conference*. Charleston, SC.

Nofsinger, E., Adams, C., **Shinde, J**., & Farah, N. (2015). "Cultivating Mindfulness: An Assessment of Publications And Further Research of Zikr Meditation and Its Effects on Mindfulness." *Proceedings of Center for Scholastic Inquiry (CSI) Conference*. Charleston, SC.

Shinde, J., Willems, J., Sallehu, M., & Merkle, M. (2015). Establishment of GAAS: Impact of an Auditing Fraud. *Journal of Accounting and Finance*, 15(1), 40-54.

Wen, C., Fang, J., George, B., & Prybutok, V.R. (2016). Consumer Heterogeneity, Perceived Value, and Repurchase Decision-Making in Online Shopping: The Role of Gender, Age, and Shopping Motives. *Journal of Electronic Commerce Research*, 17(2), 116-131.

Wen, C., Fang, J., George, B., & Shao, Y. (2016). Affective and cognitive factors influencing repeat buying in e-commerce. *Electronic Commerce Research and Applications*, 19, 44-55.

Wen, C., Fang, J., & Prybutok V. (2016). Shirking behavior and socially desirable responding in online surveys: A cross-cultural study comparing Chinese and American samples. *Computers in Human Behavior*, 54, 310-317.

Chemistry

Gun'ko, V. M.; Turov, V. V.; Zarko, V. I.; Goncharuk, O. V.; Pakhlov, E. M.; Skubiszewska-Zięba, J.; **Blitz, J. P.** Interfacial Phenomena at a Surface of Individual and Complex Fumed Nanooxides. *Adv. Colloid Interface Sci.* **2016**, *235*, 108–189.

Gun'ko, V. M.; Zarko, V. I.; Goncharuk, O. V.; Matkovsky, A. K.; Remez, O. S.; Skubiszewska-Zięba, J.; Wojcik, G.; Walusiak, B.; **Blitz, J. P.** Nature and Morphology of Fumed Oxides and Features of Interfacial Phenomena. *Appl. Surf. Sci.* **2016**, *366*, 410–423.

Liu, Z.; Zhang, M.; Xu, X.; Cai, F.; Yuan, H.; Bu, L.; Li, W.; Zhu, A.; Zhao, Z.; Wang, M.; Cheng, Y.-B.; **He, H.** NiO Nanosheets as Efficient Top Hole Transporters for Carbon Counter Electrode Based Perovskite Solar Cells. *J. Mater. Chem. A,* **2015**, *3* (47), 24121–24127.

Khalid, F. N. M.; **Klarup, D.** The Influence of Sunlight and Oxidative Treatment on Measured PAH Concentrations in Biochar. *Environ. Sci. Pollut. Res.* **2015**, *22* (17), 12975–12981.

Konkle, M. E.; Blobaum, A. L.; Moth, C. W.; Prusakiewicz, J. J.; Xu, S.; Ghebreselasie, K.; Akingbade, D.; Jacobs, A. T.; Rouzer, C. A.; Lybrand, T. P.; Marnett, L. J. Conservative Secondary Shell Substitution In Cyclooxygenase-2 Reduces Inhibition by Indomethacin Amides and Esters via Altered Enzyme Dynamics. *Biochemistry* **2016**, *55* (2), 348–359.

Ernst, A. A.; Christenholz, C. L.; Dhahir, Y. J.; **Peebles, R. A.**; **Peebles, S. A.** Alkynes as CH/pi Acceptors: Microwave Spectra and Structures of the CH2F2 Center Dot Center Dot Center Dot Propyne and CH2CIF Center Dot Center Dot Center Dot Propyne Dimers. *J. Phys. Chem. A,* **2015**, *119* (52), 12999–13008.

Akmeemana, A. G.; Kang, J. M.; Dorris, R. E.; Nelson, R. D.; Anderton, A. M.; **Peebles, R. A.**; **Peebles, S. A.**; Seifert, N. A.; Pate, B. H. Effect of Aromatic Ring Fluorination on $CH\cdots\pi$ Interactions: Microwave Spectrum and Structure of the 1,2-Difluorobenzene···acetylene Dimer. *Phys. Chem. Chem. Phys.* **2016**, *18* (35), 24290–24298.

Dorris, R. E.; Luce, B. C.; Stettner, S. J.; **Peebles, R. A.; Peebles, S. A.;** Bullard, J. L.; Bunn, J. E.; Guirgis, G. A. Effect of Fluorination on Methyl Internal Rotation Barriers: Microwave Spectra of Cyclopropylfluoromethyl Silane (c-C3H5SiHFCH3) and Cyclopropyldifluoromethyl Silane (c-C3H5SiF2CH3). *J. Mol. Spectrosc.* **2015**, *318*, 101–106.

Jang, H.; Ka, S.; **Peebles, S. A.; Peebles, R. A.;** Oh, J. J. Microwave Spectrum, Structure and Dipole Moment of 3-Fluorophenylacetylene (3FPA). *J. Mol. Struct.* **2016**, *1125*, 405–412.

Anderton, A. M.; **Peebles, R. A.**; **Peebles, S. A.** Rotational Spectrum and Structure of the 1,1-Difluoroethylene···Carbon Dioxide Complex. *J. Phys. Chem. A*, **2016**, *120* (2), 247–253.

Spaniol, J. M.; **Wheeler, K. A.** Accessing Centnerszwer's Quasiracemate – Molecular Shape Controlled Molecular Recognition. *RSC Adv.* **2016**, *6* (69), 64921–64929.

Supej, M. J.; Volkov, A.; Darko, L.; West, R. A.; Darmon, J. M.; Schulz, C. E.; **Wheeler, K. A.**; Hoyt, H. M. Aryl-Substituted BIAN Complexes of Iron Dibromide: Synthesis, X-Ray and Electronic Structure, and Catalytic Hydrosilylation Activity. *Polyhedron* **2016**, *114*, 403–414.

Chen, S.; Mondal, M.; Ibrahim, A.; **Wheeler, K.**; Kerrigan, N. Asymmetric Synthesis of Dipropionate Derivatives through Catalytic Hydrogenation of Enantioenriched E-Ketene Heterodimers. *Synthesis (Stuttg).* **2016**, *48* (16), 2619–2626.

Weerasinghe, M. S.; Karlson, S. T.; Lu, Y.; **Wheeler, K. A.** Crystal Photodimerization Reactions of Spatially Engineered Isocoumarin Assemblies. *Cryst. Growth Des.* **2016**, *16* (4), 1781–1785.

College of Education and Professional Studies

Bickford, J., Bickford, M., & **Rich, C.** (2015). Historical literacy and visual informational texts: Scrutinizing photographs beyond their borders. *The Councilor: A Journal of the Social Studies, 76*(2), 1-17.

Communication Disorders and Sciences

Mulvey, N. (2016). Interprofessional practice in the schools: Adopting the medical model? In A. Johnson (Ed.), *Interprofessional education and interprofessional practice in communication sciences and disorders: An introduction and case-based examples of implementation in education and health care settings (pp. 56–67). Rockville, MD: American Speech Language Hearing Association.*

Richard, G. J. (2015). Autism Spectrum Disorders. In G. Lof & A. Johnson (Eds.), *National Speech-Language Pathology Examination Review & Study Guide*. Evanston, IL: Therapy Ed.

Communication Studies

Gill, Elizabeth and Frank, J. B. (2015). "The negotiated identities of long-term inmates: Breaking the chains of problematic integration." *Western Journal of Communication*, 79(5): 513-532.

Gronnvoll, Marita. (2016). "John F. Kennedy: Civil Rights." In J. S. Ashley and M. J. Jarmer (Eds.), *The bully pulpit, presidential speeches, and the shaping of public policy*. Lanham, MD: Lexington Books. 115-124.

King, Stephen A. (April 2016). "Another Trail, Another Tourism Tale: Blues and Civil Rights Tourism." Keynote Address. Delta Symposium. Jonesboro, Arkansas.

King, Stephen A. (2015). "Mississippi Blues Tourism: History, Marketing Strategies and Tourism Goals." *Defining the Delta: Interdisciplinary Perspectives on the Lower Mississippi River*. Ed. Janelle M. Collins. Fayetteville: University of Arkansas Press. 203-217.

Walus, Scott M. and Click, Melissa A. (2016). "'I can't think of a more unlikely rock star than me': Representations of 'averageness' in the Myth of Rock." *Rock Music Studies*, 3(3): 248-265.

Walus, Scott M. and Furstenau N. E. (2015). "The spectacle of rock and roll hybridity in Southeast Asia: An ethnographic study of rock and roll-ness in Thailand." *Iowa Journal of Communication*, 47(1): 28-49.

Counseling and Student Development

Kniess, D. R., Cawthon, T. W., & Walker, K. (2016). Lesbian, gay, bisexual, and transgender college students. In Cuyjet, M. J., Linder, C., Howard-Hamilton, M. F., & Cooper, D. L. (Eds.), *Multiculturalism on Campus* (2nd ed., pp. 278-308). Sterling, VA: Stylus Publishing, LLC.

Swan, A., **Larson, H.**, **Lucas, S.**, & Cox, M. (2016). Master's level supervision training: Perspectives of supervisors-in-training. *Eastern Education Journal*, *45*(1), 23-41.

Early Childhood, Elementary, & Middle Level Education

Bickford, J. (2016). Integrating creative, critical, and historical thinking through close reading, document-based writing, and original political cartooning. *The Councilor: A Journal of the Social Studies, 77*(1), 1-9.

Bickford, J. & Bickford M. (2015). Evoking students' curiosity and complicating their historical thinking through manageable, engaging confusion. *The History Teacher, 49*(1), 63-88.

Bickford, J., Bickford, M., & **Rich, C.** (2015). Historical literacy and visual informational texts: Scrutinizing photographs beyond their borders. *The Councilor: A Journal of the Social Studies, 76*(2), 1-17.

Bickford, J. & Silva, K. (2016). Trade books' historical representation of Anne Sullivan Macy, The Miracle Worker. *Social Studies Research & Practice*, 11(1), 56-72.

Bickford, J. & Schuette, L. (2016). Trade books' historical representation of the Black Freedom Movement, slavery through civil rights. *Journal of Children's Literature, 41*(1), 20-43.

Md-Yunus, S. (2015). Understanding immigrant children from Muslim backgrounds: Issues and challenges. *Eastern Education Journal*, 44(1), 27-55.

Economics

Grant, A., **Bruehler, J.,** & Chiritescu, A. (2016). Herd Immunity: A Classroom Experiment. *Journal of Economics Teaching*, 1(1), 7–16.

Ghent, L. S., & Mateer, G. D. (2016). JET: A New Journal Takes Off! Journal of Economics Teaching, 1(1), 1–6.

Devkota, S. C., & **Upadhyay**, **M. P.** (2016). How does education inequality respond to policy? A method and application to survey data from Albania and Nepal. *Journal of Economic Studies*, *43*(2), 166–177.

Ghimire, S., Sharma, Y. P., & **Upadhyay, M. P.** (2016). Women's Participation in the Formal Financial Market in Nepal: Evidence from NLSS III Data. *International Journal of Advances in Management and Economics*, *5*(2), 94–99.

Educational Leadership

Bartz, D. E. (2016, May). A review of leadership for school administrators. *Leadership Matters*. Illinois Association of School Administrators: Springfield, IL.

Bartz, D. E. (2016). Revisiting James Coleman's epic study entitled equality of educational opportunity. *National Forum of Educational Administration and Supervision Journal*, 33(4), 1-10.

English

Ames, Melissa and Sarah Burcon. How Pop Culture Portrays the (St)ages of a Woman's Life: From Toddlers-in-Tiaras to Cougars-on-the-Prowl. London: Palgrave Macmillan, 2016.

Ames, Melissa. "How to Save a... Nation: Televisual Fiction Post-9/11." *Manufacturing Phobias*. Eds. Hisham Ramadan and Jeffrey Schantz. Toronto: University of Toronto Press, 2016.

Campbell, Julie D. Invited Book Review of Julia Hairson, ed. and trans., *The Poems and Letters of Tullia d'Aragona and Others. Renaissance Quarterly*, 68.1 (2015): 372-374.

Campbell, Julie D. Invited Book Review of Rosalind Kerr, *The Rise of the Diva on the Sixteenth-Century Commedia Dell'Arte Stage. Early Modern Women: An Interdisciplinary Journal*, 11.1 (2016): 235-237.

Campbell, Julie D. Invited Book Review of Sarah F. Williams, *Damnable Practises: Witches, Dangerous Women, and Music in Seventeenth-Century English Broadside Ballads. Seventeenth-Century News*, 64.1-2 (2016): 41-44.

Engles, Tim. "About Schmidt's Whiteness: The Emotional Landscapes of WASP Masculinity." *The Construction of Whiteness: An Interdisciplinary Analysis of Race Formation and the Meaning of a White Identity.* Stephen Middleton, David R. Roediger and Donald M. Shaffer, eds. University Press of Mississippi (2016): 181-211.

Engles, Tim. (Book Review) *Black Popular Music in Britain since 1945.* Jon Stratton and Nabeel Zuberi, eds. *North American British Music Studies Association (NABSMA) Reviews* 2.2 (Autumn 2015): 8-11.

Murray, Robin L. "Resisting Wendigo in Ravenous." Film and History Conference. Milwaukee, WI. November 2015.

Murray, Robin L. Review of Barrett Ross and Daniel Worden, Eds., *Oil Culture. Journal of Historical Geography*. Volume 53 (July 2016): 137-138. Print.

Murray, Robin L. "The Politics of Drought in *The Grapes of Wrath.*" Drought Exhibit and Speaker Series. Booth Library. February 2016.

Murray, Robin L. and **Joseph K. Heumann.** "As Beautiful as a Butterfly'?: Monstrous Cockroach Nature and the Horror Film." *Jump Cut*. Fall 2015. Article.

Murray, Robin L. and **Joseph K. Heumann.** "Eco-Horror Cinematic Techniques in Television Nature Documentaries: Monsters Inside Me and the Dark Side of Nature." *Dark Nature: Anti-Pastoral Essays in American Literature and Culture*. Lexington, 2016. Book Article. Print.

Murray, Robin L. and **Joseph K. Heumann.** *Film, Environment, Horror: Monstrous Nature on the Big Screen*. University of Nebraska Press, 2016. Print.

Murray, Robin L. and **Joseph K. Heumann.** "How Bambi Hoodwinked American Environmentalists: The Sentimental Disney Cartoon Cemented the Myth That Man and Nature Can't Coexist." What it Means to Be an American, a partnership of the Smithsonian and Zocalo Public Square. 19 Apr 2016. Web.

Murray, Robin L. and **Joseph K. Heumann.** "Monstrous Trees and Ecology: Targeting Human Threats in the Horror Film." *Jump Cut*. Web. 2016.

Murray, Robin L. and **Joseph K. Heumann**. "WALL-E: From Environmental Adaptation to Sentimental Nostalgia." *Media Environments: Where Movies and Texts Critique Media and Society*. Cognella, Inc. December, 2015. Book Article.

Pence, Charlotte and **David Richardson.** "Normalization of Deviance" video-poem. Screened at Utopia/Dystopia, an international selection of films at the Bath Royal Literary and Scientific Institution. Bath, Avon, UK. June 2, 2016.

Family and Consumer Sciences

Andrade, J., Mitchell-Sodipe, A., & Andrade, J. (2016). Key Elements in Elementary School-Based Nutrition Interventions to Reduce Obesity in Mexico and the United States: A Systematic Review. *Journal of Nutrition Education and Behavior*, 48(7), S13-S14.

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Theatre Arts

Gadomski, Christopher. Scene Design for William Shakespeare's *The Winter's Tale* at Festival 56 in Soldiers and Sailors Park in Princeton, IL. Performed June 26 – July 24, 2016.

2016 Recipient of the Michael R. Hoadley Instructional Technology Award

Dr. Hongshan He, Chemistry



Dr. Hongshan He is an Assistant Professor in the Department of Chemistry. Before joining Eastern Illinois University, Dr. He was a Research Assistant Professor and graduate faculty at Center for Advanced Photovoltaics, South Dakota State University (2007-2013), a Staff Scientist at Department of Chemistry and Molecular Biology, North Dakota State University (2004-2006), and Full Professor of Applied Chemistry, National Huaqiao University (2003-2006). Dr. He is an Associate Editor for RSC Advances, an Editorial Board Member of Advances in Chemistry and Pure and Applied Science, a reviewer of many scientific journals including J. Am. Chem. Soc., RSC Advance, Electrochimica Acta, and Crystal Growth & Design, and a lead organizer of Materials Research Society symposium RR (Spring, 2013) and symposium B (Spring, 2014), Symposium MD7 (2016).

Dr. He has demonstrated the innovative use of technology in the classroom by incorporating tablets and videos into his general chemistry lectures and laboratories. With the help of a tablet that projects images clearly on the big screen, Dr. He can deliver the ideas, principles, and critical thinking skills to the

students quickly and directly. He can write the chemical equations and formulas, and draw molecular structures on the prepared PowerPoint slides directly and conveniently, which are difficult to achieve otherwise. In addition, Dr. He implemented the use of videos to assist non-science majors with the lab process associated with general Chemistry courses. Dr. He develops the videos and uploads them to *D2L* for students to watch on their computers, tablets, or smart phones. The impact on students learning has been significant. Most students gained sufficient knowledge before performing the experiments so that they can complete the experiments quickly.

2016 Recipient of the Edwin L. "Bud" May Award

Dr. Eric Davidson, Ph.D. MCHES, CSPS

Interim Director, Health Service and Counseling Center
Director, Illinois Higher Education Center for Alcohol, Other Drug, and Violence Prevention



Since 1998, Davidson has spent his professional career enhancing the health and wellness of the Eastern Illinois University campus overseeing the Health Service's Health Education Resource Center. Through this opportunity, he has been awarded external funding for campus substance abuse prevention, underage drinking law enforcement, tobacco cessation, tobacco policy, substance recovery community work, and other health issues.

Since 2009, he has served as the primary investigator/project director for the Illinois Higher Education Center for Alcohol, Other Drug, and Violence Prevention, funded through the Illinois Department of Human Services, Bureau of Positive Youth Development. In this role, Davidson helps institutions of higher education throughout Illinois, as well as the nation, enhance their capacity to develop and enhance substance abuse prevention efforts and comply with the federal Drug-Free Schools and Campuses Act through networking, training, and professional development.

Davidson possesses a Ph.D. in Health Education from Southern Illinois University, and a Master's degree in Clinical Psychology, and two Bachelor's Degrees (Psychology and Speech Communications) from Eastern Illinois University. He is also both a Certified Masters Community Health Education Specialist and a Certified Senior Prevention Specialist.

Externally Funded Grants Received Fiscal Year 2016

Academic Affairs

Project Directors: Armstrong, Ke'An / Neal, Jack / Good, Brenda – WEIU

Funding Agency: United Way of Coles County

Title of Project: Raising Readers through EIU Educational Services

Project Directors: Davenport, Mona / Burkhead, Maggie – Minority Affairs

Funding Agency: U.S. Department of Education

Title of Project: TRIO: Student Support Services Program

Director: Neal, Jack – WEIU

Funding Agency: Corporation for Public Broadcasting

Title of Project: CPB Interconnection FY16

Director: Neal, Jack - WEIU

Funding Agency: Corporation for Public Broadcasting Title of Project: CPB Community Service Grant FY16

College of Arts and Humanities

Director: Lee, Jinhee – History

Funding Agency: Academy of Korean Studies

Title of Project: The Enemy Within: Earthquake, Rumors, and the Colonial Massacre in the Japanese Empire

Director: Rossi, Richard – Music

Funding Agency: Charleston Area Charitable Foundation

Title of Project: Charleston Area Charitable Foundation for the Eastern Symphony Orchestra

College of Education and Professional Studies

Project Directors: Jackman, Diane / Reid, Brian - Early Childhood, Elementary and Middle Level Education

Funding Agency: Rural Schools Collaborative

Title of Project: EIU Rural Schools Collaborative Partnership Grant

Project Directors: Jackman, Diane / Reid, Brian – Early Childhood, Elementary and Middle Level Education

Funding Agency: Southern Illinois University

Title of Project: IDEA: State Personnel Development Grant – IL IHE Partnership

Principal Investigator: Mulvaney, Michael – Recreation Administration Funding Agency: Village of Hinsdale Parks and Recreation Department

Title of Project: Community-wide recreation interests study for the Village of Hinsdale Parks and Recreation Department

Project Director: Rich, Cynthia – Education and Professional Studies Dean's Office

Funding Agency: McCormick Foundation

Title of Project: Bringing Civics Back Workshop McCormick Foundation Rich FY16

College of Sciences

Principal Investigator: Colombo, Robert - Biological Sciences

Funding Agency: UIUC/INHS/IDNR/USFWS

Title of Project: Asian Carp

Principal Investigator: Colombo, Robert – Biological Sciences

Funding Agency: Southern Illinois Power Title of Project: Detailed Plan of Study

Principal Investigator: Colombo, Robert – Biological Sciences

Funding Agency: Southern Illinois Power Cooperative

Title of Project: Lake of Egypt Fishery Biological and Water Quality Studies

Principal Investigators: Colombo, Robert / Bollinger, Eric / Meiners, Scott - Biological Sciences

Funding Agency: IDNR/USFWS

Title of Project: A Long Term Monitoring Program of Fish Population on the Wabash River FY16

Principal Investigator: Deppe, Jill – Biological Sciences

Funding Agency: National Science Foundation

Title of Project: Modeling movement and survival of intercontinental songbird migrants crossing the Gulf of Mexico –

Increase #1

Principal Investigator: DiNaso, Steven – Geography

Funding Agency: City of McLeansboro

Title of Project: City of McLeansboro Cemetery Mapping Initiative

Principal Investigator: DiNaso, Steven – Geography

Funding Agency: City of Charleston

Title of Project: GIS Database Development for the City of Charleston (Amendment #9)

Principal Investigator: He, Hongshan – Chemistry Funding Agency: National Science Foundation

Title of Project: RUI Near—Infrared Emitting Lanthanide Complexes and Their Metallopolymers

Principal Investigator: Holly, Donald – Sociology-Anthropology

Funding Agency: National Science Foundation

Title of Project: Collaborative Research: The Initial Peopling and Settlement of Eastern Newfoundland

Principal Investigators: Konkle, Mary / Menze, Michael - Chemistry / Biological Sciences

Funding Agency: Mindlin Foundation

Title of Project: A Mechanistic Investigation on How the Redox Chemistry of MitoNEET Regulates Energy Homeostasis

and Contributes to Disease Progression

Principal Investigator: Konkle, Mary – Chemistry

Funding Agency: Mindlin Foundation

Title of Project: Comparison of the Reactivity of MitoNEET and Miner1

Principal Investigator: Menze, Michael – Biological Sciences

Funding Agency: Mindlin Foundation

Title of Project: Life without water: How can some organisms survive severe dehydration

Principal Investigators: Parrish, Andrew / Lakeland, Grant - Mathematics and Computer Science

Funding Agency: National Science Foundation

Title of Project: Eastern Illinois Integrated Conference in Geometry, Dynamics, and Topology

Principal Investigator: Semeniuc, Radu – Chemistry

Funding Agency: American Chemical Society-Petroleum Research Fund

Title of Project: Neutral dinuclear iron complexes supported by N-amido-Metal bonds

Principal Investigator: Wheeler, Kraig – Chemistry Funding Agency: National Science Foundation

Title of Project: RUI: Probing Molecular Recognition Profiles via Quasiracemic Materials

Graduate School

Project Director: Chesnut, Robert – Research and Sponsored Programs

Funding Agency: Illinois Department of Human Services

Title of Project: Prescription Information Library FY16 and FY17

Lumpkin College of Business and Applied Sciences

Project Directors: Baker, Misty / Simpson, Linda – School of Family and Consumer Sciences

Funding Agency: Illinois Department of Human Services/U.S. Department of Health and Human Services

Title of Project: Child Care Resource and Referral FY16

Project Directors: Baker, Misty / Simpson, Linda – School of Family and Consumer Sciences

Funding Agency: Illinois Network of Child Care Resource and Referral Agencies

Title of Project: INCCRRA Recruitment and Recognition of Early Care and Education Practitioners

Principal Investigator: Boonsuk, Wutthigrai – School of Technology

Funding Agency: Leading Lady, Inc.

Title of Project: Investigating Enterprise Resource Planning (ERP) System for Leading Lady Company

Director: McPhillips, Patricia – Military Science

Funding Agency: Tawani Foundation

Title of Project: EIU ROTC Cadet Awards Promotion FY16

Student Affairs

Project Directors: Davidson, Eric / Tozer, Michel – Health Services

Funding Agency: Transforming Youth Recovery
Title of Project: Health Education Resource Center

Project Director: Davidson, Eric – Health Services Funding Agency: Illinois Department of Human Services

Title of Project: IDHS SAPP FY2016

Internal Funding

2016 Dean's Award of Excellence in Summer Research and Creative Activity

Dr. Bonnie Laughlin-Schultz, History



Bonnie Laughlin-Schultz is a historian of the 19th century United States who specializes in American women's history. Her first book, <u>The Tie That Bound Us: The Women of Jonn Brown's Family and the Legacy of Radical Abolitionism</u>, was published in 2013 and was named a Kansas Notable Book in 2014.

She is now working on a project about 19th century women's rights reformers and the intersections of their ideology about women's rights and citizenship with their experiences of motherhood. She teaches the US survey, American women's history, history of the American family, social studies teaching methods, and historical research/writing, and she serves as coordinator for Social Science Teaching.

2016 Summer Research and Creative Activity Award Recipients

Adom, Assande - Economics

A contemporary investigation into the regional impacts of RTAs: Case study of the AFTZ and the TPP

Ames, Melissa – English

Remediating Cultural Anxieties: The Emotional Terrain of 21st Century TV Programming and Viewing Practices

Bickford, John – Early Childhood, Elementary, and Middle Level Education

Examining Lesbian, Gay, Bisexual, Transgender, and Queer Themes with Children's and Young Adult Literature

Coddington, Ann – Art

From the Earth, exhibition

Engles, Tim - English

White Male Nostalgia and Second-Wave Feminist Histories: Carol Shields' "Happenstance"

Foy, Charles – History

Black Dockyard Workers in the Anglo-American Atlantic, 1400-2000

Fritz, Ann – Biological Sciences

Does a single gene predict communal initiation of nest building by fire ants queens?

Jenkins, Lyndsay - Psychology

Gender Differences in Correlates and Stability of Bullying Bystander Roles and Intervention in Middle School

Konkle, Mary - Chemistry

Does Treatment of Type-2 Diabetes Patients with Pioglitazone Impact Activity of Glutamate Dehydrogenase 1?

Laughlin-Schultz, Bonnie - History

The mother's heart has dissolved the woman's voice: Lucy Stone and the Dilemma of the Mother–Citizen

Ludlow, Jeannie - English/Women's Studies

Narrative Medicine, Abortion, and Gender in the U.S.

Mertz, Andrew - Mathematics and Computer Science

Porting the Xinu Operating System to the Zybo Development Board

Nathan, Britto - Biological Sciences

Microscopic Studies on Designer Estrogen to Prevent Alzheimer's Disease

Pence, Charlotte - English

Code: A Book of Poems in Progress

Patterson, Lee – History

The Roman Presence in Armenia

Periyannan, Gopal - Chemistry

Glutamate Carboxypeptidase II from Caenorhabditis elegans: Wormy Help to Understand Human Diseases

Reid, Debra – History

The East-Central Illinois Agricultural Landscape, 1985 to Present

Robertson, Jemmie - Music

Collaborations: A Music Recording Project

Sememiuc, Radu - Chemistry

Let's go for a BOGO: Carbon dioxide sequestration and activation by one metal complex

Wixson, Christopher - English

Bernard Shaw and Celebrity Endorsement

2016 Dean's Award of Excellence in Research and Creative Activity

Dr. Lyndsay Jenkins, Psychology and Dr. Nicole Mulvey, Communication Disorders and Sciences



Lyndsay Jenkins, Ph.D., is an assistant professor in the Department of Psychology. She primarily teaches courses for the School Psychology program. The overarching goal of her research agenda is to reduce or prevent maladaptive peer interactions by engaging in research projects that (a) understand youth in different bullying roles, particularly prosocial bystanders; (b) investigate the role peers and adults play in preventing or intervening in bullying; (c) develop psychometrically-sound measurement tools to assess bullying and bystander behaviors; and (d) create and implement bullying prevention programs based on the social-ecological framework and prevention science.

Nichole Mulvey, PhD, CCC-SLP, is an assistant professor in the department of Communication Disorders and Sciences and teaches undergraduate and graduate courses in language development, language disorders, autism, and interprofessional practice. Her current research interests include the relationship of developmental social and language skills, early literacy curricula and interventions, and interprofessional education and practice.



2015-2016 Council on Faculty Research Award Recipients

Canam, Thomas & Yordanov, Yordan - Biological Sciences

The transcriptome response of white-rot fungi to energy grasses

Chesner, Craig – Geology/Geography

New Discoveries on Samosir Island: A follow-up to a Summer of Geologic Mapping at Toba

Janssen Danyi, Claudia - Communication Studies

Communication managers' experiences in organizational crises: Navigating tensions between individual and organizational interests and concerns

Jenkins, Lyndsay & Mulvey, Nichole - Psychology & Communication Disorders and Sciences

Social and Language Predictors of Preschool Bullying Roles

Konkle, Mary - Chemistry

Characterization of TZD Drugs Binding to Glutamate Dehydrogenase 1

Nathan, Britto - Biological Sciences

How Does an Ancient Herb Cure Alzheimer's Disease?

2016-2017 President's Fund for Research and Creative Activity Award Recipient

Konkle, Mary - Chemistry

Characterizing the Chemical Reactivity of the CISD Proteins MitoNEET and Miner1

2016-2017 Council on Faculty Research

College of Arts and Humanities

Matthew Boonstra Newton Key

Lumpkin College of Business and Applied Sciences

Simon Lee Togeer Israr

College of Education and Professional Studies

Kathryn Havercroft Jennifer Stringfellow, Chair

College of Sciences

Ronan Bernas

Library Services

Steve Brantley