











This booklet lists only those publications and public performances of creative works that appeared in calendar year 2016, as submitted through faculty annual activity reports. Conference presentations, works accepted for publication or in press but not yet in print, and incomplete citations are not included here.

The appearance or nonappearance of a specific work is not intended to indicate how the work is to be recognized nor evaluated. Entries have been lightly edited, but no single bibliographic format has been imposed. We regret any errors or omissions.

Number of full-time faculty: 325 (264 Tenured/Tenure Track; 61 Non Tenure Track)

Report Category	Number
Publications: Total	645
Monographs, books, chapters, edited volumes	79
Peer reviewed articles and papers	271
Other articles or non peer reviewed publications	165
Reviews of scholarly work	92
Research abstracts	38
Research in progress: Total	1003
Projects	502
Forthcoming publications	501
Creative Work: Total	225
Professional performances, productions, exhibits	142
Recordings, broadcasts	54
Other	29
Grants	
Proposals submitted	257
Funding	\$10,569,497
Lectures, conference papers, speeches	834
Awards, professional recognition	81

## **Dean's Office**

### Janet C. Barber, Ph.D.

Liu, S.-H., C. Edwards, P. C. Hoch, P. H. Raven, A. Rajeh and J. C. Barber. 2016. Complete plastome sequence of Ludwigia octovalvis (Onagraceae), a globally distributed wetland plant. Genome Announcements 4(6): e01274-16.

Gary W. Barker, M.F.A., A.E.A., SAG-AFTRA

THE IMPORTANCE OF BEING EARNEST. Director, Saint Louis University, April 2016

## **American Studies**

### Matthew Mancini, Ph.D.

(2016). LeFlouria, "Chained in Silence" (2nd ed., vol. 82, pp. 460-61). Journal of Southern History.

(2016). Berger, St. Louis & Empire. Missouri Historical Review.

## **Biology**

### Peter Bernhardt, Ph.D.

Bernhardt, P., Edens-Meier, R., Jocson, D., Ren, Z.X, Zweck, J., Camilo. G. & Arduser, M., 2016. Comparative floral ecology of bicolour and concolour morphs of *Viola pedata* (Violaceae) following controlled burns. Journal of Polination Ecology 19: 57-70.

2016. A natural history of Orchids in Yunnan: Bad times for cypripediums in Shangri-la. Orchids: March, 206 – 209.

### Elena Bray Speth, Ph.D.

Reinagel A and E Bray Speth (2016). Beyond the central dogma: model-based learning of how genes determine phenotypes. *CBE – Life Sciences Education* **15**: 1-13.

### Gerardo Camilo, Ph.D.

Hall, D. M., Camilo, G. R., Tonietto, R. K., et al. 2016. The city as a refuge for insect pollinators: conservation for the city. *Conservation Biology* DOI:10.1111/cobi.12840

Bernhardt, P., R. Edens-Meier, D. Jocson, J. Zweck, Z.-X. Ren, G. R. Camilo, M. Arduser. 2016. Comparative floral ecology of bicolor and concolor morphs of *Viola pedata* L. (Violaceae) following controlled burns. *Journal of Pollination Ecology* 19:57-71.

Burr, A., Shaeg, N. Muñiz, P. A., Camilo, G. R. and Hall, D. H. 2016. Wild bees in the city: Reimagining urban spaces for pollinator health. *Consilience: The Journal of Sustainable Development* 16:106-131.

Numbere, A. O. and G. R. Camilo. 2016. Mangrove leaf litter decomposition under mangrove forest stands with different levels of pollution in the Niger River Delta, Nigeria. *African Journal of Ecology* DOI: 10.1111/aje.12335

Wang, P., Numbere, A. O., and Camilo, G. R. 2016. Long-term changes in the mangrove landscape of the Niger river delta, Nigeria. *American Journal of Environmental Sciences* 12: 248-259.

## Kasey Fowler Finn, Ph.D.

Fowler-Finn, K.D. & Rodríguez, R.L. 2016. The causes of variation in the presence of genetic covariance between sexual traits and preferences. *Biological Reviews*. 91(2): 511-533

# Fenglian Xu, Ph.D.

Getz, A.M., Visser, F., Bell, E.M., Xu, F., Flynn, N.M., Zaidi, W., Syed, N.I. (2016) Two proteolytic fragments of menin coordinate the nuclear transcription and postsynaptic clustering of neurotransmitter receptrs uring synaptogenesis between Lymnaea neuorns. Scientific Reports, 19;6:31779. doi: 10.1038/srep31779

Xu, F., Armstrong, R., Urrego, D., Qazzaz, M., Pehar, M., Armstrong, J.N., Shutt, T., Syed, N.I. (2016) The mitochondrial division inhibitor Mdivi-1 rescues mammalian neurons from anesthetic-induced cytotoxicity. Molecular Brain, 9(1): 35.

Armstrong, R., Xu, F., Rasic, N., Syed, N.I. (2016) General anesthetics and cytotoxicity: possible implications for brain health. Drug and Chemical Toxicology, 2:1-9.

# Jason Knouft, Ph.D.

Schönhuth, S., Beachum, C. E., Knouft, J. H., and Mayden, R. L. 2016. Phylogenetic relationships of the widely distributed minnow Pimephales notatus (Cyprinidae) in NorthAmerica. Zootaxa 4168:38-60.

Knouft, J. H. and Anthony, M. A. 2016. Climate and local abundance in freshwater fishes. Royal Society Open Science 3:160093.

Ficklin, D. L., Robeson, S. M., and Knouft, J. H. 2016. Impacts of recent climate change ontrends in baseflow and stormflow in United States watersheds. Geophysical Research Letters 43, 5079-5088.

Beachum, C. E., Michel, M. J., and Knouft, J. H. 2016. Differential responses of body shape to local and reach scale stream flow in two freshwater fish species. Ecology of Freshwater Fish 25:446–454.

# Zhenguo Lin, Ph.D.

Zhang, L., Chen, F., Zhang, GQ., Zhang, YQ., Niu, S.; Xiong, JS., Lin, Z., Cheng, Z., Liu, ZJ.; Origin and mechanism of crassulacean acid metabolism in orchids as implied by comparative transcriptomics and genomics of the carbon fixation pathway. *The Plant Journal*; 2016: 86: 175-185

# Richard Mayden, Ph.D.

Arunachalam, M., S. Chinnaraja, and R. L. Mayden. 2016. New species of *Hypselobarbus* (Cyprinidae: Cypriniformes) from Cauvery River Basin, South India. International Journal of Pure and Applied Zoology Volume 4, Issue 1: 99-106. (*Submitted* 16 November 2015; *Accepted* 16 December 2015; *Published* 2016).

Ren, Q., and R. L. Mayden. 2016. Molecular phylogeny and biogeography of African diploid barbs "*Barbus*" and allies in Africa and Asia (Teleostei: Cypriniformes). Zoologica Scripta DOI: 10.1111/zsc.12177 (*Accepted* 4 February 2016; *Published* 20 March 2016).

Glotzbecker, G. J. A. Fernando, R. E. Broughton, D. A. Neely, R. L. Mayden, and M. J. Blum. 2016. Geographic independence and phylogenetic diversity of Red Shiner introductions. Conservation Genetics 17:795-809 (*Submitted:* 4 February 2016; *Accepted:* 9 February 2016. *Published:* 16 February 2016)

Arunachalam, M., Chinnaraja, S., and R.L. Mayden. 2016. Remarkable rediscovery of *Barbus* (*=Hypselobarbus*) *mussullah* (Sykes) after 175 years of hiatus and description of a new species of *Hypselobarbus* Bleeker from peninsular India (Cyprinidae: Cypriniformes). *FishTaxa* 2016 (1): 1-13.

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Beshera, K.A., P.M. Harris, and R. L. Mayden. 2016. Novel evolutionary lineages in *Labeobarbus* (Cyprinidae) based on phylogenetic analyses of mtDNA sequences. Zootaxa 4093 (3): 363–381. (*Submitted*: 9 February 2016, *Accepted*: 14 February 2016; *Published* 23 March 2016)

Ruiz-Campos, G., S. Sánchez-Gonzales, R. L. Mayden, and A. Varela-Romero. 2016. Meristic and morphometric comparison of an undescribed sucker of the Rio Culiacan (*Catostomus* sp.) and Yaqui sucker (*Catostomus bernardini*) from northwest Mexico (Catostomidae, Teleostei). Revista Mexicana de Biodiversidad 87:380-389. http://dx.doi.org/10.1016/j.rmb.2015.11.004 (*Submitted* 28 July 2015; *Accepted* 24 November 2015; *Published:* 27 May 2016).

Brooke E., A. Abadía-Cardoso, J. B. Dunham, F. J. García-De León, R. E. Gresswell, A. Ruiz Luna, E.
B. Taylor, B. B. Shepard, R. Al-chokhachy, C. C. Muhlfeld, K. R. Bestgen, K. Rogers, M. A. Escalante,
E. Keeley, G. Temple, J. Williams, K. Matthews, R. Pierce, R. L. Mayden, R. Kovach, J. C. Garza, and
K. D. Fausch. 2016. Conservation of native Pacific trout diversity in western North America. Fisheries 41(6): 286-294 (*Accepted* 12 January 2016; *Published*: June 2016)

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Schönhuth, S., C. E. Beachum, J. H. Knouft and R. L. Mayden. 2016. Phylogenetic relationships of the widely distributed minnow Bluntnose Minnow, *Pimephales notatus* (Cyprinidae), in North America. *Zootaxa* 4168 (1):38-60. (*Submitted:* 18 April 2016; *Accepted:* 1 August 2016; *Published:* 14 Sept 2016.).

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Arunachalam, M., S. Chinnaraja, P. Sivakumar, and R. L. Mayden. 2016. Description of a new species of large barb of the genus *Hypselobarbus* (Cypriniformes: Cyprinidae) from Kali River, Karnataka region of Western Ghats, peninsular India. Iranian Journal of Ichthyology (December 2016), 3(4): 266–274. (*Submitted*: 14 August 2016; *Accepted*: 28 November 2016; *Published* 22 December 2016. Funding: EF-0431326, DEB-1021840)

#### Allison Miller, Ph.D.

McAllister, C.A. and A. J. Miller. 2016. SNP discovery via genotyping-by-sequencing for assessment of population genetic structure and recurrent polyploidization in big bluestem (*Andropogon gerardii*). *American Journal of Botany*. 103:1326 – 1335

Migicovsky, Z., J. Sawler, D. Money, R. Eibach, A. J. Miller, J. J. Luby, W. Wührer, J. Warner, S. von Kintzel, H. Schwaninger, G.-Y. Zhong, P.J. Brown, and S. Myles. 2016. Genomic ancestry estimation quantifies use of wild species in grape breeding. *BMC Genomics* 17(1).

Miller, A.J. and B.L. Gross. 2016. Invited Letter to the Editor: Report from the International Plant and Animal Genome Meeting. *American Journal of Botany* 103(6): 982 – 985.

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DeHaan, L. VanTassel, D., Anderson, J., Asselin, S. Barnes, R., Baute G., Cattani, G., Culman, S., Dorn, K., Hulke, B. Kantar, M., Larson, S., Marks, M., Miller, A., Poland, J., Ravetta, D., Rude, E., Ryan, M., Wyse, D., and Zhang X. 2016. A pipeline strategy for crop domestication. *Crop Science* 56: 917 – 930.

Warschefsky, E., L. Klein, E. von Wettberg, D. Chitwood, M. Frank, J. Londo, and A.J. Miller. 2016. Rootstocks: diversity, domestication, and impacts on shoot phenotypes. *Trends in Plant Science* 21(5): 418-437. Cover image.

Maimaitiyiming, M., A.J. Miller, and A. Wulamu. 2016. Discriminating spectral signatures among cand within two closely related grapevine species. *Photogrammetric Engineering and Remote Sensing* 82(1): 51-62.

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### Laurie Shornick, Ph.D.

Finley P, DeClue C., Sell S., DeBartolo J., Shornick L.P: Diabetic wounds exhibit decreased Ym1and arginase expression with increased expression of IL-17 and IL-20. (2016) *Advances inWound Care (New Rochelle)*, 5(11): 486-494.

### Thomas Valone, Ph.D.

Ernest, S.K.M., G.M. Yenni, G. Allington, E.M. Christensen, K. Geluso, J.R. Goheen, M.R. Schutzenhofer, S.R. Supp, K.M. Thibault, J.H. Brown, & T.J. Valone. 2016. Long-term monitoring and experimental manipulation of a Chihuahuan Desert ecosystem near Portal, Arizona, USA (1977-2013). Ecology 97:1082 (Data paper)

### Yuqi Wang, Ph.D.

Xin J, Starke S, Yang L, Seethupal S, Kung G, Dodhiawala P, Wang Y. Nitrogen starvation-induced phosphorylation of Ras1 and its potential role in nutrient signaling and stress response. *Journal of Biological Chemistry*. Published on June 3, 2016.

### Daniel Warren, Ph.D.

Warren, D.E. and Jackson, D.C. The metabolic consequences of repeated anoxic stress in the western painted turtle, *Chrysemys picta bellii*. Comp. Biochem. Physiol. A. doi: 10.1016/j.cbpa.2016.07.012

## **Chemistry**

### Christopher K. Arnatt, Ph.D.

Arnatt, C. K., Falls, B., Yuan, Y., Raborg, T., Masvekar, R., El-Hage, N., Selley, D., Nicola, A., Knapp, P., Hauser, K., Zhang, Y. (2016). Exploration of bivalent ligands targeting putative mu opioid receptor and chemokine receptor CCR5 dimerization: (22 ed., vol. 24, pp. 5969-5987). Bioorganic & Medicinal Chemistry.

### Christina S. Bagwill

Bagwill, C. S., Anderson, C., Sullivan, E., Manohara, V., Murthy, P., Stalcup, A., Lewis, M. A. (2016). Predicting the Strength of Anion–π Interactions of Substituted Benzenes: the Development of Anion–π Binding Substituent Constants: (46 ed., vol. 120, pp. 9235–9243). J. Phys. Chem.

### Steven W. Buckner, Ph.D.

Abdelkader, E. M., Jelliss, P. A., Buckner, S. W. (2016). Main group nanoparticle synthesis using electrical explosion of wires: (vol. 7, pp. 23-31). Nano-Structures and Nano-Objects/Elsevier.

## Douglas Crandell, Ph.D.

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### James L. Edwards, Ph.D.

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Edwards, J. L., Martin, R. S., Forzano, A. (2016). Integrated Electrodes and Electrospray Emitter for Polyemr Microfluidic Nanospray-MS Interface. Analytical Methods.

Edwards, J. L., FILLA, L. (2016). Metabolomics of Diabetic Complications. Molecular Biosystems.

### Istvan Z. Kiss, Ph.D.

Wickramasinghe, M., Kiss, I. Z. (2016). Nonlinear Behavior of Nickel Dissolution in Sulfuric Acid in a Cathode-Anode Cell Configuration: Effect of Cathode Area: (14 ed., vol. 163, pp. H1171–H1178). Journal Of The Electrochemical Society.

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Nagao, R., Zou, W., Kurths, J., Kiss, I. Z. (2016). Restoring oscillatory behavior from amplitude death with anti-phase synchronization patterns in networks of electrochemical oscillations.: (9 ed., vol. 26, pp. 094808). Chaos (Woodbury, N.Y.).

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### Robert S. Martin, Ph.D.

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Chen, C., Mehl, B. T., Sell, S. A., Martin, R. S. (2016). Use of electrospinning and dynamic air focusing to create three-dimensional cell culture scaffolds in microfluidic devices: (vol. 141, pp. 5311-5320). Analyst.

### Ryan D. McCulla, Ph.D.

Petroff, J. T., Nguyen, A. H., Porter, A. J., Morales, F. D., Kennedy, M. P., Weinstein, D., El Nazer, H., McCulla, R. D. (2017). Enhanced photocatalytic dehalogenation of aryl halides by combined poly-pphenylene (PPP) and TiO2 photocatalysts: (vol. 335, pp. 149-154). Journal of Photochemistry and Photobiology A: Chemistry.

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### Brent M. Znosko, Ph.D.

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Richardson, K. E., Znosko, B. M. (2016). Nearest-neighbor parameters for 7-deaza-adenosine-uridine base pairs in RNA duplexes: (vol. 22, pp. 934-942). RNA.

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## **Communication**

### Matthew Carlson, Ph.D.

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## Cindy Graville, M. A.

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## Mary Gould, Ph.D.

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### Amber Hinsley, Ph.D.

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## Tim Huffman, Ph.D.

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## Amber Johnson, Ph.D.

Johnson, A. (2016). The face of civility: Engaging critical pedagogy through hypermodality. *Qualitative Inquiry*.

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# Ilwoo Ju, Ph.D.

Park, J. S., & Ju, I. (2016). Prescription drug advertising, disease knowledge, and older adults' optimistic bias about the future risk of Alzheimer's disease. *Health Communication*, *31*, 346-354.

# Daniel Kozlowski, Ph.D.

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# Karla D. Scott, Ph.D.

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# **Computer Science**

## Erin Chambers, Ph.D.

Chambers, Erin, Irina Kostitsyna, Maarten Löffler, and Frank Staals. "Homotopy Measures for Representative Trajectories." In *LIPIcs-Leibniz International Proceedings in Informatics*, vol. 57. Schloss Dagstuhl-Leibniz-Zentrum fuer Informatik, 2016.

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## David Letscher, Ph.D.

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# Kevin Scannell, Ph.D.

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#### THE COLLEGE OF ARTS AND SCIENCES

Jim O'Regan, Elaine Uí Dhonnchadha, and Kevin P. Scannell. "lemonGAWN: WordNet Gaeilge as Linked Data", in Proceedings of the 5th Workshop on Linked Data in Linguistics: Managing, Building and Using Linked Language Resources at LREC 2016, Portorož, Slovenia, May 24, 2016.

"Teangacha Mionlaigh sa Ré Dhigiteach: Tionchar na Meán Sóisialta [Minority Languages in the Digital Age: the Influence of Social Media]", book chapter published in Is ar scáth a chéile a mhaireann na daoine: Éire sa 21ú Aois idir Indibhidiúlacht agus Phobal . Ed. Breandán Mac Cormaic. Baile Átha Cliath: Coiscéim, 2016, pp. 112-123.

Mícheál Ó Meachair, Kevin P. Scannell. "Stíl Tí don Ghaeilge [Irish language style guide]". Technical report, 6pp. Style guide for Irish language software localization.

Kevin P. Scannell. "An Ghaeilge mar Theanga Dhomhanda [Irish as a Global Language]", article in a special edition of the Irish Times Magazine commemorating the 100th anniversary of the 1916 Irish Rising, March 10, 2016.

Manx Gaelic to Irish machine translation. Deployed with a Google-Translate-like interface on http://intergaelic.com

Digital archive of Irish language magazines published 1999-2000: http://borel.slu.edu/cuisle/

"Skeealaght", an annotated, electronic edition of this collection of Manx Gaelic short stories first published in the 1970s, with kind permission of the publisher (Yn Cheshaght Ghailckagh): http://borel.slu.edu/skeealaght/

## Earth & Atmospheric Sciences

## David Crossley, Ph.D.

Voigt, C., Förste, C., Wziontek, H., Crossley, D., Meurers, B., Pálinkáš, V., Hinderer, J., Boy, J.-P., Barriot, J. -P., Sun, H. (2016) : Report on the Data Base of the International Geodynamics and Earth Tide Service (IGETS), (Scientific Technical Report STR – Data; 16/08), Potsdam: GFZ German Research Centre for Geosciences. DOI: http://doi.org/10.2312/GFZ.b103-16087, available from: https://www.researchgate.net/publication/311807385\_Report\_on\_the\_Data\_Base\_of\_the\_Internatio nal\_Geodynamics\_and\_Earth\_Tide\_Service\_IGETS

## John Encarnacion, Ph.D.

Keenan, T. Encarnacion, J., Buchwaldt, R., Fernandez, D., Mattinson, J., Rasoazanamparany, C., and Luetkemeyer, P.B. (2016) Rapid conversion of an oceanic spreading center to a subduction zone inferred from high-precision geochronology. <u>Proceedings of the National Academy of Sciences</u>, 113 (47), E7359-E7366.

Keenan, T. and Encarnacion, J. (2016) Correspondence: Unclear causes for subduction. <u>Nature</u> <u>Geoscience</u>, 9, 338.

Paulsen, T., Encarnacion, J., Grunow, A., and Pecha, M. (2016) Zircon U–Pb age constraints for a Cambrian age for metasedimentary rocks at O'Brien Peak, Antarctica. <u>New Zealand Journal of Geology and Geophysics</u>.

Shavers, E.J., Ghulam, A., Encarnacion, J., Bridges, D.L., Luetkemeyer, P.B. (2016) Carbonatite associated with ultramafic diatremes in the Avon Volcanic District, Missouri, USA: Field, petrographic, and geochemical constraints. <u>Lithos</u>, 248-251, 506-516.

### Cathy Finley, Ph.D.

Bianco, L., Djalalova, I. V., Wilczak, J. M., Cline, J., Calvert, S., Konopleva-Akish, E., Finley, C., Freedman, J. (2016). A Wind Energy Ramp Tool and Metric for Measuring the Skill of Numerical Weather Prediction Models: (vol. 31, pp. 1137-1156). Weather and Forecasting.

Orf, L., Wilhelmson, R., Lee, B., Finley, C., Houston, A. Evolution of a Long-Track Violent Tornado within a Simulated Supercell. Bulletin of the American Meteorological Society.

### Daniel Hanes, Ph.D.

Hanes, D.M., Human Instability Related to Drowning Risk in Surf Zones for Novice Beachgoers or Weak Swimmers, Natural Hazards, 83(1), 761-766, doi: 10.1007/s11069-016-2337-6, **2016**.

Hanes, D.M., Acoustic attenuation due to bi-modal size distributions of suspended sediment, Journal of Coastal Research, No 75, p. 23-27, doi: 10.2112/SI75-005.1, **2016**.

Constantinescu, G., M. Garcia, and D. Hanes, 2016, Proceedings of the International Conference on Fluvial Hydraulics (River Flow 2016), St. Louis, USA, 11-14 July 2016, CRC Press, Taylor & Francis Group, 822 pages.

### Elizabeth Hasenmueller, Ph.D.

Hasenmueller, E.A. and Robinson, H.K., 2016, Hyporheic zone flow disruption from channel linings: implications for the hydrology and geochemistry of an urban stream, St. Louis, Missouri, USA, *Journal of Earth Science*, 27, 98-109.

Crompton, N.M., Sun, Y., Bradley, A.S., Hasenmueller, E.A., Chambers, L.G., Catalano, J.G., 2016. Trace metal transformation in wetland soils and the impact of trace metals on methane production (Abstract): Abstracts of Papers of the American Chemical Society, 252, Philidephia, Pennsylvania, USA.

Hasenmueller, E.A., Gu, X., Weitzman, J.N., Adams, T.S., Stinchcomb, G.E., Eissenstat, D.M., Brantley, S.L., Kaye, J.P., 2016. The activity of deep roots in bedrock fractures at Susquehanna Shale Hills Critical Zone Observatory (Abstract): Susquehanna Shale Hills Critical Zone Observatory All Hands Meeting, State College, Pennsylvania.

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Robinson, H.K., Hasenmueller, E.A., 2016. Soils as a reservoir for road salt storage and gradual release to groundwater (Abstract): North-Central Section Geological Society of America Abstracts with Programs 48, 5, Urbana-Champaign, Illinois, USA.

### Robert Herrmann, Ph.D.

Johnson, K., Hayes, G. P., Herrmann, R. B., Benz, H. M., McNamara, D. E., Bergman, E. (2016). MT focal plane sensitivity to seismic network geometry and faulting style: (vol. 206, pp. 525-556). Geophysical Journal International. Impact Factor: 2.42.

Yeck, W. L., Weingarten, M., Benz, H. M., McNamara, D. E., Bergman, E. A., Herrmann, R. B., Rubenstein, J. L., Earle, P. S. (2016). Far-field pressurization likely caused one of the largest injection induced earthquakes by reactivating a large preexisting basement fault structure: (vol. 43, pp. 10,198-10,207). Geophysical Research Letters. Impact Factor: 4.546.

#### Zaitao Pan, Ph.D.

Kumar, S., Kinder III, J., Pan, Z., Sheffield, J. (2016). Twentieth century temperature trends in CMIP3, CMIP5, and CESM-LE climate simulations: Spatial-temporal uncertainties, differences, and their potential sources: (vol. `121, pp. 9561-9575). J. Geophysical Reserach.

Li, X., Pan, Z., Liu, X. (2016). Numerical simulation of influence of Tibetan Plateau uplift on winter dust cycle in Asian arid regions: (vol. 75, pp. 601). Environmental Earth Sciences.

### Lupei Zhu, Ph.D.

Tang, C. C., Zhu, L., Huang, R. (2016). Empirical Mw-ML, mb, and Ms conversions in western China: (vol. 106, pp. 2614-2623). Bull. Seismol. Soc. Am.

Zhu, L., Zhou, X. (2016). Seismic moment tensor inversion using 3D velocity model and its application to the 2013 Lushan earthquake sequence: (vol. 95, pp. 10-18). Physics and Chemistry of the Earth.

Wang, X., Ding, Z., Zhu, L. (2016). Lithospheric structure of the northeastern North China Craton imaged by S receiver functions: (vol. 173, pp. 2727-2736). Pure Appl. Geophys.

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Xu, Y., Yang, B., Zhang, S., Liu, Y., Zhu, L., Huang, R., Chen, C., Li, Y., Luo, Y. (2016). Magnetotelluric imaging of a fossil Paleozoic intra-oceanic subduction zone in western Junggar, NW China: (vol. 121, pp. 4103-4117). J. Geophys. Res.

Luo, S., Luo, Y., Zhu, L., Xu, Y. (2016). On the reliability and limitations of the SPAC method with directional wavefield: (vol. 126, pp. 172-182). J. Applied Geophys.

Peng, M., Jiang, M., Li, Z., Xu, Z., Zhu, L., Chan, W., Chen, Y. (2016). Complex Indian subduction style with slab fragmentation beneath the Eastern Himalayan Syntaxis revealed by teleseismic P-wave tomography.: (vol. 667, pp. 77-86). Tectonophysics.

## **English**

Paul Acker, Ph.D.

Acker, P. L. (2016). "William Morris's Translation of Völuspá": (vol. 2016.1, pp. 18-22). William Morris Society Newsletter.

### Harold Bush, Ph.D.

Bush, H. K. (2016). Bound by Grief: Writing Through the Loss of a Child: (Advent/Christmas ed., vol. 80, pp. 28-32). The Cresset.

Bush, H. K. (2016). Continuing Bonds with the Dead: Parental Grief and Nineteenth-Century American Authorship.

Bush, H. K., Courtney, S., Messent, P. (Ed.): University of Georgia Press

(2016). Review of The Altar at Home: American Literary Realism.

(2016). Review of Northrop Frye and American Literature & What Would Jesus Read?: American Literature.

## Vincent Casaregola, Ph.D.

Casaregola, V. G. (2016). "What We Talk about When We Talk about Voice". Traditions of Eloquence. Eds. Cinthia Gannett and John Brereton. NY: Fordham University Press, 2015). (pp. 17).

Casaregola, V. G. (2016). "Who 'Screens' Security?: Cultures of Surveillance on Screen". Ethical Issues and Citizen Rights in the Era of Digital Government Surveillance.

### Juliana Chow, Ph.D.

Partial Readings: Thoreau's Studies as Natural History's Casualties. Anthropocene Reading: Literary History in Geologic Times.

### Ellen Crowell, Ph.D.

Crowell, E. (2016). The Decadent Republic of Letters. (2 ed., vol. 113, pp. 275-277). Chicago, Illinois: Modern Philology.

### Nathan Grant, Ph.D.

Grant, N. L. (2016). "Afterword: Contingency and Found Objects". Visualising Slavery: Art Across the African Diaspora (1 ed., pp. 274-279): Liverpool University Press.

### Georgia Johnston, Ph.D.

Johnston, G. K. (2016). Queer Lives Barely Disguised: Wilde, Sackville-West, and Woolf". A History of English Autobiography. Cambridge: Cambridge UP.

### Ted Mathys, Ph.D.

Mathys, T. (2016). Graham Foust's "To Anacreon in Heaven and Other Poems". (Spring 2016 ed.). Iowa City: Iowa Review (online).

Mathys, T. "Apostrophe S". Athens, GA: The Georgia Review.

Mathys, T. (2016). "Key to the Kingdom". (November 30, 2016 ed.). New York, NY: Academy of American Poets Poem-a-Day.

Mathys, T. "Kilkenny Ridge Trail". Chicago, IL: MAKE X: An Anthology.

Mathys, T. (2016). "Night Bloom". (Issue 1, Spring 2016 ed., pp. pp 194-196). Bennington, VT: Bennington Review.

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Mathys, T. (2016). "Pyrolysis". (Spring 2016 ed.). Chicago, IL: Pinwheel (online).

Mathys, T. (2016). "Storm Damage". (Issue 10, Spring 2016 ed.). Chicago, IL: Pinwheel (online).

### Janice McIntire-Strasburg, Ph.D.

McIntire-Strasburg, J. E. Fulton, Joe. The Reconstruction of Mark Twain: How a Confederate Bushwhacker Became the Lincoln of Our Literature. (24 ed., vol. 3, pp. 107-110): Studies in American Humor.

McIntire-Strasburg, J. E. White, Ed, ed. Modern Chivalry. Eighteenth Century Literature: Hackett Publishing Company.

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## Nathaniel Rivers, Ph.D.

Rivers, N. A., Boyle, C. (2016). "A Version of Access": (1 ed., vol. 25, pp. 29-47). Technical Communication Quarterly.

Rivers, N. A. (2016). Ecologies of Deception in Psychology and Rhetoric: (101.4 ed.). Quarterly Journal of Speech.

(2016). Encomium of QWERTY. Rhetoric Through Everyday Things.

Rivers, N. A. (2016). "Geocomposition in Public Writing and Rhetoric Pedagogy": (4 ed., vol. 67, pp. 576-606). College Composition and Communication.

(2016). Paying Attention with Cache. (vol. 23): enculturation.

Rivers, N. A., Soderlund, L. (2016). "Speculative Usability": Technical Communication Quarterly.

# Jennifer Rust, Ph.D.

Rust, J. R. (2016). "John Foxe's Acts and Monuments". Gale Researcher: British Literature. Farmington Hills, MI: Gale (Cengage Learning).

# Rachel Greenwald Smith, Ph.D.

Afterword: The 2000s After 2016. American Literature in Transition: 2000-2010.

American Literature in Transition: 2000-2010: Cambridge University Press.

Introduction. American Literature in Transition: 2000-2010.

Smith, R., Huehls, M. Four Phases of Neoliberalism and Literature: An Introduction. Neoliberalism and Contemporary Literary Culture: The Johns Hopkins University Press.

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(2016). Six Propositions on Compromise Aesthetics. Postmodern / Postwar and After: University of Iowa Press.

## Anne Stiles, Ph.D.

Review of "The Neurologists: A History of a Medical Specialty in Modern Britain, c. 1789-2000," by Stephen Casper. Pittsburgh, PA/ Cambridge, UK: Journal of British Studies/ Cambridge UP.

Snapshot of SLU's Medical Humanities Interdisciplinary Minor. Journal of Medical Humanities/ Springer US.

## Joya Uraizee, Ph.D.

Uraizee, J. F. "Beyond What Words Can Tell: Sierra Leone's Ebola Tragedy.". Research in Sierra Leone Studies: Weave, special issue on "Trauma: The Sierra Leone Experience.".

# Sara van den Berg, Ph.D.

Walter J. Ong, S.J., Language as Hermeneutic. (pp. 252). Ithaca, New York: Cornell University Press.

van den Berg, S. (Ed.), (vol. 31, pp. 111). St. Louis: Allegorica 31.

(2016). Katherine Eggert, Disknowledge. Denver, Colorado: Appositions: Studies in Renaissance/Early Modern Culture.

(2016). Review of Katherine Eggert, Denver, CO: Appositions.

(2016). James Loxley et al, eds., Ben Jonson's Walk to Scotland, An Annotated Edition of the 'Foot Voyage.'. (1 ed., vol. 69, pp. 408-409). New York, NY: Renaissance Quarterly.

### Phyllis Weliver, Ph.D.

Weliver, P. Mary Gladstone and the Victorian Salon: Music, Literature, Liberalism. (pp. 120,000 words). Cambridge: Cambridge University Press.

Weliver, P. (2016). Women Musicians in Victorian Fiction, 1860–1900: Representations of Music, Science and Gender in the Leisured Home. London: Routledge.

Weliver, P. (2016). A Note on Sounding Tennyson. (5 ed., vol. 10, pp. 1250 words): Tennyson Research Bulletin.

Weliver, P. (2016). Gladstone, Liberalism and Music: Political Leadership and Popular Legacy. London: British Academy Blog; cross-posted on my blog, "Gladstone's Daughter: Living Liberalism.".

Weliver, P. (2016). Sounding Tennyson (PI). "Break, Break, Break" case study: Sounding Tennyson.

# **Fine and Performing Arts**

### Bradley Bailey, Ph.D

Essay: "Rethinking Marcel Duchamp's Fountain as a Collaborative Process" for the peer-reviewed collection of essays Redefining Creativity: Multi-Layered Collaboration in Art & Art Historical Practice, M. Kathryn Shields and Sunny Spillane, eds., under contract with Cambridge Scholars Publishing.

Essay: "Variation in the Key of Chess" for the exhibition Tom Hackney: Corresponding Squares, Painting the Chess Games of Marcel Duchamp (New York: Francis M. Naumann Fine Art, 2016), pp. 3-9, ISBN 9780989549448.

Essay: "Layered Meaning" in the brochure for the exhibition of the same name (pp. 5-11) at the World Chess Hall of Fame in St. Louis in May 2016.

Essay: "Barbara Kruger, Untitled, 1989-90," was published in the catalogue Spotlights: Collected by the Mildred Lane Kemper Art Museum, ed. Sabine Eckmann (St. Louis: Mildred Lane Kemper Art Museum, Washington University in St. Louis; Chicago: University of Chicago Press, 2016), pp. 209-213, ISBN 9780936316420.

Edited publication: Entries from essay "The Definitively Unfinished Taxonomy of Marcel Dzama's Archetypes and Themes" ("Bats," "Bears," and "Octopi") reprinted in the anthology Animals, a volume in the series Documents of Contemporary Art published by the Whitechapel Gallery in London and The MIT Press. Filipa Ramos, ed. Animals (London: Whitechapel Gallery; Cambridge, Mass.: MIT Press, 2016), ISBN 9780262529358.

Work created: Wall labels for the exhibition Designing Chessmen: A Taste of the Imagery of Chess on view at the World Chess Hall of Fame in St. Louis from September 29, 2016 through March 12, 2017.

### Amy Bautz, MFA

Exhibit: Annual SLU Faculty Exhibition - 20 new paintings

Exhibit: PBS Grand Media Commons invitation exhibition - 1 new animation

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Collaborator on ongoing, site-specific animation City of Saint Louis.

Works created: 5 animations

# Nancy Bell, M.F.A., A.E.A., SAG-AFTRA

Playwright: *Remember Me*, Shakespeare Festival St. Louis. Produced September 2016 (Actors Equity Association professional contract)

Playwright: *Mutual Consent*, California Repertory Theatre (Actors Equity Association professional contract. Competitive invitation-only exhibition.) Produced January 2016.

Playwright: *Tales of Shakespeare: Found at Sea*, Shakespeare Festival St. Louis and the St. Louis Symphony Orchestra. Produced January-February 2016. (Actors Equity Association professional contract.)

Director: Distracted, Saint Louis University. Produced October, 2016

Playwright: *Present Tense*, 59E59 Theatre, New York City, NY, produced January 13-February 7 (Actors Equity Association professional contract)

Actor: *Molly's Hammer*, Repertory Theatre of St. Louis. (Actors Equity Association professional contract.)

Vocal coach: SLU University Theatre productions

Dialect coach: Driving Miss Daisy, New Jewish Theatre

Vocal coach: Count Time, St. Louis Fringe Festival.

Award: St. Louis Theatre Circle Award: Outstanding New Play (Playwriting)

Award: Residency Award, Wildacres Artist Retreat, Little Switzerland, N.C.

### Ilene Berman, M.F.A.

Exhibit: Shake 38 public performance, April 2016

Exhibit: Contemporary Art Museum Artbus, May 2016

Exhibit: St. Louis Small Press Expo, Fall 2016

Exhibit: Faculty Show, Saint Louis University, Fall 2016

Publicity: Included in Arte Util, a database of 'useful art' under direction of Tania Bruguera, Eindhoven, the Netherlands, http://museumarteutil.net/about/

Publicity: "Room13Delmar Connects Local Youth Artists with Peers in England," Rebecca Rivas, Saint Louis American, June 2016

Publicity: "Under the Paving Stones the Beach, Uncovering the Creative Process with Leaders in

Public Art," James McAnally, Alive Magazine, March 2016

## Louis Bird, M.F.A.

Costume Designer: And in This Corner...Cassius Clay, Metro Theater Company

Costume Designer: Molly's Hammer, The Repertory Theatre Saint Louis

Costume Designer: My Father's Dragon, The Imaginary Theatre Company/Rep

Costume Designer: *The Miraculous Journey of Edward Toulane* (FL production), Metro Theater Company;

Costume Designer: The Miraculous Journey of Edward Toulane (STL production

Costume Designer: A Gnome for Christmas, The Imaginary Theatre Company/Rep STL.

Costume Designer: The Dead, Saint Louis University Theatre

Costume Designer: The Importance of Being Earnest, Saint Louis University Theatre

Costume Designer: Distracted, Saint Louis University Theatre

Costume Designer: Arcadia, Saint Louis University Theatre

Design Rendering: Falstaff - Opera, Shanghai Gran Theatre

Stitcher: Opera Theatre Saint Louis

Stitcher: Holiday Inn - Broadway.

Draper: Follies, The Repertory Theatre of Saint Louis

Draper: A Christmas Carol, The Repertory Theatre of Saint Louis

Martin Brief, M.F.A.

Graphic designer: VIA Partnership, St. Louis, MO: Email and print announcements for a public art workshop for city of O'Fallon, MO; Information labels for nine exhibitions at Lambert Airport.

Graphic designer: Northeast Harbor Arts and Craft Fair, Northeast Harbor, ME: Designed postcard and newspaper advertisements.

Graphic designer: Artsworth, Ellsworth, ME: Designed logo.

Graphic designer: St. Louis Actors Studio, St. Louis, MO: Designed logo and two posters for the tenth season.

Solo Exhibitions: A Brief History of Time, Danese/Corey Gallery, New York, NY;

Solo Exhibitions: A, fort gondo compound for the arts, St. Louis, MO.

Group Exhibition: Exposure: 10 Years, University of Missouri St. Louis, Gallery 210

Group Exhibition: Drawing Conclusions, Danese/Corey Gallery, New York, NY.

James J Burwinkel, M. Arch

Exhibition of artwork: Sousa in 4:4/Mixtape, Art St. Louis, St. Louis, MO, USA.

Scenic design: Sunset Baby, The Black Rep, St. Louis, MO, USA. (January 2016)

Scenic design: Twisted Melodies, The Black Rep, St. Louis, MO, USA. (April 2016)

Scenic design: Miss Julie, Clarrissa and John, The Black Rep, St. Louis, MO, USA. (September 2016)

Scenic design: The Dead, St. Louis University, St. Louis, MO, USA. (February 2016)

Scenic design: The Importance of Being Ernest, St. Louis University, St. Louis, MO, USA. (April 2016)

Lucy Cashion, M.F.A.

Director Designer, and Co-creator: Trash Macbeth, Equally Represented Arts

Co-producer and director: *The Phaedra Phestival*, Equally Represented Arts

Producer and director: R + J: A Telephone Play, or, Don't Drink the Milk, Equally Represented Arts

Director: Remember Me, Shakespeare in the Streets

Director and sound designer: Arcadia, Saint Louis University Theatre

Playwright: The Residents of Craigslist, Oklahoma City University

Terrence E. Dempsey, S.J., Ph.D

Exhibition: The Miserere et Guerre Etchings by Georges Rouault, January 26 to May 8

Exhibition: Sudarios by artist Erika Diettes, September 25 to December 11

Essay: "Chapel of the Good Shepherd in New York by sculptor Louise Nevelson," in the volume, Religion and Art in the Heart of Modern Manhattan, edited by Aaron Rosen (Ashgate Press, Jan 2016).

Podcast: "MOCRA Voices" February 12, 2016: "So That You Know Each Other"

Podcast: "MOCRA Voices" August 19, 2016: "The Bible and Beyond, "Reverend Michael Morris, O.P.

Podcast: "MOCRA Voices" August 30, 2016: (Recorded on August 4) Terrence Dempsey interviewing New York Artist Jordan Eagles

Podcast: "MOCRA Voices" August 30, 2016: (Recorded on July 13) Pamela Ambrose: "Looking Back on the Foundation of the Loyola University Museum of Art (LUMA)."

Podcast: "MOCRA Voices" November 29, 2016: Erika Diettes. Video lecture (recorded on September 25)

Podcast: "MOCRA Voices" December 22, 2016: (recorded on August 2) "A Conversation with Fr. Leo O'Donovan, S.J., President Emeritus of Georgetown University," and author of many art reviews for both Commonweal and America Magazines.

### Deborah Douglas, M.F.A.

Exhibition: Deborah Douglas, Solo Mixed Media Pop Up Exhibition, Saint Louis University, Madrid, March 4-8, 2016

Exhibition: Lucky Fortune: Mixed Media Work by Deborah Douglas, Solo Exhibition, Fontbonne University, August 19-September 17, 2016.

Group exhibition: Exposure 10 Years, Invitational Exhibition, 210 Gallery, University of Missouri St. Louis, August 27-December 3, 2016

Group exhibition: Urban Wanderers Invitational Exhibition to Benefit Stray Rescue, Saint Louis University Museum of Art, May 2016.

#### Laura Franklin, D.M.A.

Podcast interview: Aired on September 1, 2016 with a follow up "Behind the Scenes" November 29, 2016.

### Olubukola Gbadegesin, Ph.D.

Article: "Heartache 'n Paint": An Interview with Damon Davis (Accepted, Art Journal Open, ~2,500 words, 3 illus.)

Article: "Playing with Numbers: Black Representation in American Art Institutions." Invited Response. ART21 Magazine. Feb 26, 2016. (http://blog.art21.org/2016/02/26/playing-with-numbers-black-representation-in-american-art- institutions/).

### Daniel Giedeman, M.F.A.

Senior props artisan: Utah Shakespearean Festival

Soft goods artisan: The Repertory Theatre of St. Louis

Soft goods artisan: Opera Theatre of Saint Louis

Technical consultant: Kranzberg Foundation's new creative space, the .ZACK.

### Robert Hughes, Ph.D.

Musician: Beauty and the Beast, Variety, Saint Louis, MO, 63117. (October 20, 2016 - October 23, 2016)

Musician: Fiddler on the Roof, MUNY, Saint Louis, MO, USA. (July 30, 2016 - August 5, 2016)

Musician: Young Frankenstein, MUNY, Saint Louis, MO, USA. (July 13, 2016 - July 19, 2016)

Musician: The Music Man, MUNY, Saint Louis, MO, USA. (July 2, 2016 - July 11, 2016)

Musician: 42nd Street, MUNY, Saint Louis, Missouri, USA. (June 24, 2016 - June 30, 2016)

Musician: Wizard of Oz, MUNY, Saint Louis, Missouri, USA. (June 12, 2016 - June 22, 2016)

Musician: Electric Mosaic, Webster University, Saint Louis, Missouri, USA. (January 31, 2016)

Musician: Hypercolor, Webster University, Saint Louis Missouri, USA. (January 31, 2016)

### Aaron Johnson, D.M.A.

Composition: PR(callmegod)IDE (composition for electronic medium) broadcast on WREK 91.1 FM, Atlanta, GA, August 26, 2016

Composition: Prelude and Dance (for guitar), Japanese television 2016.

### Katherine Jolly, D.M.A.

Performance: Solo Recital, alongside guest pianist Dr. Emily Yap Chua, January 17, 2015, Sheldon Concert Hall

Performance: Accepted to sing and teach at SONGFEST, the premiere contemporary art song festival in the country

Performance: June 11th, LA NOW, with works associated with creators from Los Angeles

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Performance: June 20th Master Class with Martin Katz

Performance: June 24th 400th Anniversary of Shakespeare: 20 songs set to his texts

Performance: June 25th Songs of America concert: Song of War duet, Rorem/Hughes

Performance: Principal Artist with Opera Theatre St. Louis's Opera Tastings March 29-April 5, 2016

Performance: Guest Singer, Opera Theatre St. Louis, Artist-in-Training, Final Concert, April 10, 2016, Sheldon Concert Hall

Performance: Guest Teaching Artist Video recorded by the Sheldon Concert Hall for the Education Online Academy on their website. June 30, 2016

Performance: Faculty/Guest Concert with Haerim Elizabeth Lee, and Wen Shen, October 28 2016, College Church

Performance: Artist-In-Residence, Opera Theatre St. Louis, November 28-December 11, 2016

Performance: Soprano Soloist, The Messiah, Evansville Symphony, December 16, 17, 2016

# Thomas Martin, M.F.A., A.E.A.

Director: *Closer*, Theatre Lab

Director and producer: I'm Gonna Pray For You So Hard, Blue Rose Stage Collective

Director: The Dead, Saint Louis University Theatre

Production manager: Midsummer Night's Dream, Forest Park at the Shakespeare Festival of St Louis

Production manager: Remember Me, Shakespeare Festival St Louis

Production manager: Theatre for Young Audience tour at the Shakespeare Festival St Louis.

## Sharron Pollack, M.F.A.

Appearing in: Printmaking in St. Louis Now, published by Sheldon Art Galleries, 94 pages, pp. 10, 79-80. Book is a survey of St. Louis printmakers.

Exhibition: Saint Louis University Faculty Exhibition – August 26 - Sept. 23, McNamee Gallery, Saint Louis University

Exhibition: Serendipity, Art St. Louis August 6 - September 15, 2016, Juried by Melissa Whitwam, Executive Director and Exhibitions Manager, the Foundry Art Centre and Ken Botnick, Professor of Art, Sam Fox School of Design & Visual Arts, Washington University in St. Louis

Exhibition: Printmaking in St. Louis Now – Sheldon Art Gallery March 4, 2016 - May 7, 2016, Juried by Olivia Lahs-Gonzales, Director, Sheldon Art Galleries

Exhibition: Exchange Portfolio Flux: The Edge of Yesterday and Tomorrow, SGC International Conference, Portland, OR in March 30 – April 2, 2016, Invitational

Exhibition: The River: Memory and Metaphor on the Mississippi. Mapping the Mississippi, Exchange Portfolio Minnesota Center for Book Art's March 4, 2016 – July 10, 2016 Minneapolis, MN, Juried

Exhibition: Planting (s), Bonsack Gallery, John Burroughs School Feb. 12 – April 6, solo exhibition, Proposal for exhibition juried by Burroughs Art Faculty.

## Mark Wilson, M.F.A.

Projection designer: Sunset Baby, The St Louis Black Repertory Theatre, January 2016

Lighting designer: Molly's Hammer, The Repertory Theatre of St Louis, March 2016

Projection designer: Twisted Melodies, The St Louis Black Repertory Theatre, May 2016

Scenic designer: Two Character Play, Midnight Company, May 2016

Special effect designer: A Midsummer Night's Dream, Shakespeare Festival of St. Louis, June 2016

Production designer: Count Time, STL Fringe, August 2016

Production designer: *Remember Me*, Shakespeare Festival of St. Louis-In the Streets Program, Sept. 2016

Production designer: I'm Gonna Pray for You So Hard, Blue Rose Collective, Oct. 2016

Lighting designer: Driving Miss Daisy, New Jewish Theatre, Dec. 2016.

Lighting designer: The Dead, Saint Louis University Theatre, February 2016

Mentored student lighting designer: Dad is Dead, Saint Louis University Theatre, March 2016

Lighting designer: The Importance of Being Earnest, Saint Louis University Theatre, April 2016

Production designer: Distracted, Saint Louis University Theatre, Oct. 2016

Mentored student sound and projection designers: *Distracted*, Saint Louis University Theatre, Oct. 2016

Mentored student lighting and sound designers, *Duchess and I*, Saint Louis University Theatre, Oct. 2016

Lighting designer: Arcadia, Saint Louis University Theatre, Nov. 2016

# <u>History</u>

# Stefan Bradley, Ph.D.

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Thomas Madden "Reinventing the Crusades," in *The Time We Share*, Daniel Blanga-Gubbay and Lars Kwakkenbos, eds. (New Haven: Yale University Press, 2016), 132-38.

### Nathaniel Millett, Ph.D.

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### Steve Schoenig, S.J., Ph.D.

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Steve Schoenig SJ, "The Livery of Loyalty: Innocent II and the Pallium." In *Pope Innocent II (1130-43): The World vs. the City,* edited by John Doran and Damian J. Smith, 311-325. Church, Faith and Culture in the Medieval West. London: Routledge, 2016.

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### Silvana Siddali, Ph.D.

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# Ana Montero, Ph.D.

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