

IUPUI Open Access Publishing Fund

July 2013 – June 2018

The IUPUI Open Access Fund underwrites reasonable publication charges for articles published in fee-based, peer-reviewed journals that are openly accessible. This fund addresses changes in scholarly communications while increasing the impact of and access to scholarship created by IUPUI faculty and graduate students. The Fund was established in 2013 as a two-year pilot. After a successful pilot, the fund has been supported annually by University Library, Office of the Vice Chancellor for Research, Ruth Lilly Medical Library, and participating IUPUI schools.

Fund stakeholders requested that the disbursement methods should encourage diverse participation across schools.

Learn more about the fund's scope and policies at:

<http://www.ulib.iupui.edu/digitalscholarship/openaccess/oafund>

- Funds distributed or encumbered as of June 15, 2018:
- Requests for support from the fund: 182
- Works supported: 133 (119 published; 14 under review)
- Mean article processing fee: \$1,713.86
- Mean level of support from OA Fund: \$1,433.14

Supported Article Processing Fees by Author's School

School	Contributed to Fund (FY 2014 -present)	Works Supported	Fees Supported by OA Funds
University Library	\$70,000.00	0	\$0
Office of the Vice Chancellor for Research	\$45,000.00	0	\$0
Ruth Lilly Medical Library (Medicine)	\$20,000.00	35	\$46,926.92
Science	\$16,000.00	33	\$49,118.61
Informatics & Computing	\$12,000.00	13	\$17,627.42
Nursing	\$11,000.00	11	\$18,078.50
Dentistry	\$10,500.00	8	\$14,313.70
Public Health	\$9,000.00	14	\$18,221.07
Engineering & Technology	\$7,000.00	10	\$12,911.50
Law	\$2,000.00	0	\$0
SPEA	\$2,000.00	2	\$2,677.71
Health & Rehabilitation	\$1,000.00	1	\$1,800.00
PETM	\$1,000.00	1	\$900.00
Philanthropy	\$500.00	1	\$450.00
Herron	\$0	1	\$3,000.00
Liberal Arts	\$0	3	\$4,581.80
	\$207,000.00	133	\$190,607.23

Supported Article Processing Fees by Publisher

Publisher	Articles Supported	Fees Supported
Public Library of Science (PLOS)	31	\$39,434.25
Nature Publishing Group (Springer)	20	\$28,803.50
BioMed Central (Springer)	14	\$23,764.37
Wiley	10	\$16,653.50
JMIR Publications	9	\$17,783.00
Hindawi	7	\$7,900.00
Elsevier	7	\$9,788.98
MDPI	6	\$5,283.12
Frontiers	6	\$9,609.50
Dove	3	\$5,859.00
ARVO	2	\$3,042.00
PeerJ	2	\$1,291.00
Jacobs Verlag	2	\$476.00
Sciedu	1	\$150.00
AAAS	1	\$2,932.50
The University of California Press	1	\$2,800.00
Libertas Academica la-press.com	1	\$1,478.00
AcademyHealth	1	\$1,260.00
AIP Publishing	1	\$1,350.00
Taylor and Francis	1	\$176.80
BMJ	1	\$1,750.00
Thieme	1	\$1,780.00
Optical Society of America	1	\$775.00
JScholar	1	\$789.00
Michigan Publishing	1	\$3,000.00
Cogitatio	1	\$1,077.71
Institute of Physics	1	\$1,600.00
Grand Total	133	\$190,607.23

Bibliography of Published Works by School

[All published works may also be downloaded from IUPUI ScholarWorks at:

<https://scholarworks.iupui.edu/handle/1805/6519>

Herron School of Art and Design

In press. *Dialog*. AIGA Proceedings, Michigan Publishing.

School of Dentistry

- Srinivasan, M., Lahiri, D., & Blackburn, C. (2014). Functional characterization of a competitive peptide antagonist of p65 in human macrophage-like cells suggests therapeutic potential for chronic inflammation. *Drug Design, Development and Therapy*, 2409. <https://doi.org/10.2147/DDDT.S59722>
- Zhao, A., Blackburn, C., Chin, J., & Srinivasan, M. (2014). Soluble toll like receptor 2 (TLR-2) is increased in saliva of children with dental caries. *BMC Oral Health*, 14(1), 108. <https://doi.org/10.1186/1472-6831-14-108>
- Srinivasan, Blackburn, C., Mohamed, M., Blum, J., & Sivagami, V. (2015). Literature-Based Discovery of Salivary Biomarkers for Type 2 Diabetes Mellitus. *Biomarker Insights*, 39. <https://doi.org/10.4137/BMI.S22177>
- Srinivasan, M., Bayon, B., Chopra, N., & Lahiri, D. K. (2016). Novel Nuclear Factor-KappaB Targeting Peptide Suppresses β-Amyloid Induced Inflammatory and Apoptotic Responses in Neuronal Cells. *PLOS ONE*, 11(10), e0160314. <https://doi.org/10.1371/journal.pone.0160314>
- Walker, K. K., Martínez-Mier, E. A., Soto-Rojas, A. E., Jackson, R. D., Stelzner, S. M., Galvez, L. C., ... Vega, D. (2017). Midwestern Latino caregivers' knowledge, attitudes and sense making of the oral health etiology, prevention and barriers that inhibit their children's oral health: a CBPR approach. *BMC Oral Health*, 17, 61. <https://doi.org/10.1186/s12903-017-0354-9>
- Thyvalikakath, T., Song, M., & Schleyer, T. (2018). Perceptions and attitudes toward performing risk assessment for periodontal disease: a focus group exploration. *BMC Oral Health*, 18, 90. <https://doi.org/10.1186/s12903-018-0550-2>
- Srinivasan, M., Meadows, M. L., & Maxwell, L. (2018). Assessment of Salivary Adipokines Resistin, Visfatin, and Ghrelin as Type 2 Diabetes Mellitus Biomarkers. *Biochemistry Research International*. <https://doi.org/10.1155/2018/7463796>

Accepted. *Alzheimer's & Dementia*.

School of Engineering & Technology

- Zhang, J., & Jung, Y.-G. (Eds.). (2014). The 1st International Joint Mini-Symposium on Advanced Coatings between Indiana University-Purdue University Indianapolis and Changwon National University. *Materials Today: Proceedings*, 1(1), 1–106. <http://www.sciencedirect.com/science/journal/22147853/1/1>
- Newman, C. L., Moe, S. M., Chen, N. X., Hammond, M. A., Wallace, J. M., Nyman, J. S., & Allen, M. R. (2014). Cortical Bone Mechanical Properties Are Altered in an Animal Model of Progressive Chronic Kidney Disease. *PLoS ONE*, 9(6), e99262. <https://doi.org/10.1371/journal.pone.0099262>
- Hammond, M. A., Laine, T. J., Berman, A. G., & Wallace, J. M. (2016). Treadmill Exercise Improves Fracture Toughness and Indentation Modulus without Altering the Nanoscale Morphology of Collagen in Mice. *PLOS ONE*, 11(9), e0163273. <https://doi.org/10.1371/journal.pone.0163273>
- Aliahmad, N., Shrestha, S., Varahramyan, K., & Agarwal, M. (2016). Poly(vinylidene fluoride-hexafluoropropylene) polymer electrolyte for paper-based and flexible battery applications. *AIP Advances*, 6(6), 065206. <https://doi.org/10.1063/1.4953811>

Rogers, C., Lau, J., Huynh, D., Albertson, S., Beem, J., & Qian, E. (2016). Capturing the Perceived Phantom Limb through Virtual Reality. *Advances in Human-Computer Interaction*, 2016, e8608972.

<https://doi.org/10.1155/2016/8608972>

Canelón, S. P., & Wallace, J. M. (2016). β -Aminopropionitrile-Induced Reduction in Enzymatic Crosslinking Causes In Vitro Changes in Collagen Morphology and Molecular Composition. *PLOS ONE*, 11(11), e0166392. <https://doi.org/10.1371/journal.pone.0166392>

Wan, Q., TruongVo, T., Steele, H. E., Ozcelikkale, A., Han, B., Wang, Y., ... Na, S. (2017). Subcellular domain-dependent molecular hierarchy of SFK and FAK in mechanotransduction and cytokine signaling. *Scientific Reports*, 7(1), 9033. <https://doi.org/10.1038/s41598-017-09495-5>

Chen, A., Wang, L., Li, B.-Y., Sherman, J., Ryu, J. E., Hamamura, K., ... Yokota, H. (2017). Reduction in Migratory Phenotype in a Metastasized Breast Cancer Cell Line via Downregulation of S100A4 and GRM3. *Scientific Reports*, 7(1), 3459. <https://doi.org/10.1038/s41598-017-03811-9>

Minami, K., Liu, S., Liu, Y., Chen, A., Wan, Q., Na, S., ... Yokota, H. (2017). Inhibitory Effects of Dopamine Receptor D1 Agonist on Mammary Tumor and Bone Metastasis. *Scientific Reports*, 7, 45686. <https://doi.org/10.1038/srep45686>

Nahin, M., Oberreit, D., Fukushima, N., & Larriba-Andaluz, C. (2017). Modeling of an Inverted Drift Tube for Improved Mobility Analysis of Aerosol Particles. *Scientific Reports*, 7(1), 6456. <https://doi.org/10.1038/s41598-017-06448-w>

School of Health & Rehabilitation Sciences

Liu, C.-J., Xu, H., Keith, N. R., & Clark, D. O. (2017). Promoting ADL independence in vulnerable, community-dwelling older adults: a pilot RCT comparing 3-Step Workout for Life versus resistance exercise. *Clinical Interventions in Aging*, 12, 1141–1149. <https://doi.org/10.2147/CIA.S136678>

School of Informatics & Computing

Xia, J. (2013). Mandates and the Contributions of Open Genomic Data. *Publications*, 1(3), 99–112. <https://doi.org/10.3390/publications1030099>

Kechavarzi, B., & Janga, S. C. (2014). Dissecting the expression landscape of RNA-binding proteins in human cancers. *Genome Biology*, 15(1), R14. <https://doi.org/10.1186/gb-2014-15-1-r14>

Copeland, A. (2014). The Use of Personal Value Estimations to Select Images for Preservation in Public Library Digital Community Collections. *Future Internet*, 6(2), 359–377. <https://doi.org/10.3390/fi6020359>

Xiang, Y., & Janga, S. C. (2015). Building Integrated Ontological Knowledge Structures with Efficient Approximation Algorithms. *BioMed Research International*, 2015, e501528. <https://doi.org/10.1155/2015/501528>

Chaturvedi, P., Chen, N. X., O'Neill, K., McClintick, J. N., Moe, S. M., & Janga, S. C. (2015). Differential miRNA Expression in Cells and Matrix Vesicles in Vascular Smooth Muscle Cells from Rats with Kidney Disease. *PLOS ONE*, 10(6), e0131589. <https://doi.org/10.1371/journal.pone.0131589>

Chetal, K., & Janga, S. C. (2015). OperomeDB: A Database of Condition-Specific Transcription Units in Prokaryotic Genomes. *BioMed Research International*, 2015, e318217.

<https://doi.org/10.1155/2015/318217>

Chaturvedi, P., Neelamraju, Y., Arif, W., Kalsotra, A., & Janga, S. C. (2015). Uncovering RNA binding proteins associated with age and gender during liver maturation. *Scientific Reports*, 5.

<https://doi.org/10.1038/srep09512>

Sawesi, S., Rashrash, M., Phalakornkule, K., Carpenter, J. S., & Jones, J. F. (2016). The Impact of Information Technology on Patient Engagement and Health Behavior Change: A Systematic Review of the Literature. *JMIR Medical Informatics*, 4(1), e1. <https://doi.org/10.2196/medinform.4514>

Cherukuri, Y., & Janga, C. S. (2016). Benchmarking of de novo assembly algorithms for Nanopore data reveals optimal performance of OLC approaches. *BMC Genomics*, 17(7), 95–105.

<https://doi.org/10.1186/s12864-016-2895-8>

Chattopadhyay, D., & MacDorman, K. F. (2016). Familiar faces rendered strange: Why inconsistent realism drives characters into the uncanny valley. *Journal of Vision*, 16(11), 7–7.

<https://doi.org/10.1167/16.11.7>

Nishtala, S., Neelamraju, Y., & Janga, S. C. (2016). Dissecting the expression relationships between RNA-binding proteins and their cognate targets in eukaryotic post-transcriptional regulatory networks. *Scientific Reports*, 6, 25711. <https://doi.org/10.1038/srep25711>

Jabour, A. M., Dixon, B. E., Jones, J. F., & Haggstrom, D. A. (2018). Toward Timely Data for Cancer Research: Assessment and Reengineering of the Cancer Reporting Process. *JMIR Cancer*, 4(1), e4. <https://doi.org/10.2196/cancer.7515>

In press. *JMIR*.

School of Liberal Arts

Park, D. Y., Goering, E. M., Head, K. J., & Ellis, R. J. B. (2017). Implications for Training on Smartphone Medication Reminder App Use by Adults with Chronic Conditions: Pilot Study Applying the Technology Acceptance Model. *JMIR Formative Research*, 1(1), e5. <https://doi.org/10.2196/formative.8027>

Kelly, J. M., Scarpino, P., Berry, H., Syvitski, J., & Meybeck, M. (2017). *Rivers of the Anthropocene*. University of California Press. <https://doi.org/10.1525/luminos.43>

Wilson, J. S., Petino, G., & Knudsen, D. C. (2018). Geographic context of the Green Pistachio of Bronte, a protected designation of origin product. *Journal of Maps*, 14(2), 144–150.

<https://doi.org/10.1080/17445647.2018.1438318>

School of Medicine

Wiehe, S. E., Kwan, M.-P., Wilson, J., & Fortenberry, J. D. (2013). Adolescent Health-Risk Behavior and Community Disorder. *PLoS ONE*, 8(11), e77667. <https://doi.org/10.1371/journal.pone.0077667>

Basavarajappa, H. D., Lee, B., Fei, X., Lim, D., Callaghan, B., Mund, J. A., ... Corson, T. W. (2014). Synthesis and Mechanistic Studies of a Novel Homoisoflavanone Inhibitor of Endothelial Cell Growth. *PLoS ONE*, 9(4), e95694. <https://doi.org/10.1371/journal.pone.0095694>

- Zhang, B., Mehrotra, S., Ng, W. L., & Calvi, B. R. (2014). Low Levels of p53 Protein and Chromatin Silencing of p53 Target Genes Repress Apoptosis in Drosophila Endocycling Cells. *PLoS Genet*, 10(9), e1004581. <https://doi.org/10.1371/journal.pgen.1004581>
- Newman, C. L., Moe, S. M., Chen, N. X., Hammond, M. A., Wallace, J. M., Nyman, J. S., & Allen, M. R. (2014). Cortical Bone Mechanical Properties Are Altered in an Animal Model of Progressive Chronic Kidney Disease. *PLoS ONE*, 9(6), e99262. <https://doi.org/10.1371/journal.pone.0099262>
- Corson, T. W., Samuels, B. C., Wenzel, A. A., Geary, A. J., Riley, A. A., McCarthy, B. P., ... Territo, P. R. (2014). Multimodality Imaging Methods for Assessing Retinoblastoma Orthotopic Xenograft Growth and Development. *PLoS ONE*, 9(6), e99036. <https://doi.org/10.1371/journal.pone.0099036>
- House, D. R., Cheptinga, P., & Rusyniak, D. E. (2015). Availability of mobile phones for discharge follow-up of pediatric Emergency Department patients in western Kenya. *PeerJ*, 3, e790. <https://doi.org/10.7717/peerj.790>
- Fox, M. J., Gao, H., Smith-Kinnamon, W. R., Liu, Y., & Mosley, A. L. (2015). The Exosome Component Rrp6 Is Required for RNA Polymerase II Termination at Specific Targets of the Nrd1-Nab3 Pathway. *PLoS Genet*, 11(2), e1004999. <https://doi.org/10.1371/journal.pgen.1004999>
- Behrouzvaziri, A., Fu, D., Tan, P., Yoo, Y., Zaretskaia, M. V., Rusyniak, D. E., ... Zaretsky, D. V. (2015). Orexinergic Neurotransmission in Temperature Responses to Methamphetamine and Stress: Mathematical Modeling as a Data Assimilation Approach. *PLoS ONE*, 10(5). <https://doi.org/10.1371/journal.pone.0126719>
- Yan, J., Kim, S., Nho, K., Chen, R., Risacher, S. L., Moore, J. H., ... for the Alzheimer's Disease Neuroimaging Initiative. (2015). Hippocampal transcriptome-guided genetic analysis of correlated episodic memory phenotypes in Alzheimer's disease. *Applied Genetic Epidemiology*, 6, 117. <https://doi.org/10.3389/fgene.2015.00117>
- Du, L., Chakraborty, A., Chiang, C.-W., Cheng, L., Quinney, S., Wu, H., ... Shen, L. (2015). Graphic Mining of High-Order Drug Interactions and Their Directional Effects on Myopathy Using Electronic Medical Records. *CPT: Pharmacometrics & Systems Pharmacology*, 4(8), 481–488. <https://doi.org/10.1002/psp4.59>
- Georgianos, P. I., & Agarwal, R. (2015). Relative Importance of Aortic Stiffness and Volume as Predictors of Treatment-Induced Improvement in Left Ventricular Mass Index in Dialysis. *PLOS ONE*, 10(9), e0135457. <https://doi.org/10.1371/journal.pone.0135457>
- Fontanilla, C. V., Gu, H., Liu, Q., Zhu, T. Z., Zhou, C., Johnstone, B. H., ... Du, Y. (2015). Adipose-derived Stem Cell Conditioned Media Extends Survival time of a mouse model of Amyotrophic Lateral Sclerosis. *Scientific Reports*, 5, 16953. <https://doi.org/10.1038/srep16953>
- Royer, A. K., Royer, M. C., Ting, J. Y., Weisberger, E. C., & Moore, M. G. (2015). The use of a prefabricated radial forearm free flap for closure of a large tracheocutaneous fistula: a case report and review of the literature. *Journal of Medical Case Reports*, 9, 251. <https://doi.org/10.1186/s13256-015-0728-z>

Stubblefield, W. B., Alves, N. J., Rondina, M. T., & Kline, J. A. (2016). Variable Resistance to Plasminogen Activator Initiated Fibrinolysis for Intermediate-Risk Pulmonary Embolism. *PLOS ONE*, 11(2), e0148747. <https://doi.org/10.1371/journal.pone.0148747>

Du, L., Huang, H., Yan, J., Kim, S., Risacher, S., Inlow, M., ... Shen, L. (2016). Structured sparse CCA for brain imaging genetics via graph OSCAR. *BMC Systems Biology*, 10(3), 335–345. <https://doi.org/10.1186/s12918-016-0312-1>

Jadhav, V., Luo, Q., 2nd, J. M. D., Al-Sabah, J., Chaqour, B., Grant, M. B., & Bhatwadekar, A. D. (2016). Per2-Mediated Vascular Dysfunction Is Caused by the Upregulation of the Connective Tissue Growth Factor (CTGF). *PLOS ONE*, 11(9), e0163367. <https://doi.org/10.1371/journal.pone.0163367>

Barreto, R., Mandili, G., Witzmann, F. A., Novelli, F., Zimmers, T. A., & Bonetto, A. (2016). Cancer and Chemotherapy Contribute to Muscle Loss by Activating Common Signaling Pathways. *Frontiers in Physiology*, 7, 472. <https://doi.org/10.3389/fphys.2016.00472>

Davis, H. M., Pacheco-Costa, R., Atkinson, E. G., Brun, L. R., Gortazar, A. R., Harris, J., ... Plotkin, L. I. (2017). Disruption of the Cx43/miR21 pathway leads to osteocyte apoptosis and increased osteoclastogenesis with aging. *Aging Cell*. <https://doi.org/10.1111/acel.12586>

Gu, H., Ma, Z., Wang, J., Zhu, T., Du, N., Shatara, A., ... Du, Y. (2017). Salt-dependent Blood Pressure in Human Aldosterone Synthase-Transgenic Mice. *Scientific Reports*, 7(1), 492. <https://doi.org/10.1038/s41598-017-00461-9>

Hassan, I., Luo, Q., Majumdar, S., Dominguez, J. M., Busik, J. V., & Bhatwadekar, A. D. (2017). Tumor Necrosis Factor Alpha (TNF- α) Disrupts Kir4.1 Channel Expression Resulting in Müller Cell Dysfunction in the RetinaDiurnal Rhythm of Kir4.1 in the Retina. *Investigative Ophthalmology & Visual Science*, 58(5), 2473–2482. <https://doi.org/10.1167/iovs.16-20712>

Elghouche, A. N., Lobo, B. C., & Ting, J. Y. (2017). Aspiration of Aluminum Beverage Can Tab: Case Report and Literature Review. *Case Reports in Otolaryngology*, 2017, 1–4. <https://doi.org/10.1155/2017/1010975>

Byerley, B. M., & Haas, D. M. (2017). A systematic overview of the literature regarding group prenatal care for high-risk pregnant women. *BMC Pregnancy and Childbirth*, 17, 329. <https://doi.org/10.1186/s12884-017-1522-2>

Jenkins, P. C., Stokes, S. M., Fakoyeho, S., Bell, T. M., & Zarzaur, B. L. (2017). Clinical indicators of hemorrhagic shock in pregnancy. *Trauma Surgery & Acute Care Open*, 2(1), e000112. <https://doi.org/10.1136/tsaco-2017-000112>

Yao, X., Yan, J., Ginda, M., Börner, K., Saykin, A. J., Shen, L., & Initiative, for the A. D. N. (2017). Mapping longitudinal scientific progress, collaboration and impact of the Alzheimer's disease neuroimaging initiative. *PLOS ONE*, 12(11), e0186095. <https://doi.org/10.1371/journal.pone.0186095>

Towns, R., Quinney, S. K., Pierson, R. C., & Haas, D. M. (2017). Survey of Provider Preferences Regarding the Route of Misoprostol for Induction of Labor at Term. *American Journal of Perinatology Reports*, 07(03), e158–e162. <https://doi.org/10.1055/s-0037-1603954>

- Kao, R., Wannemuehler, T., Yates, C. W., & Nelson, R. F. (2017). Outpatient management of cholesteatoma with canal wall reconstruction tympanomastoidectomy. *Laryngoscope Investigative Otolaryngology*. <https://doi.org/10.1002/lio2.116>
- Allen, M. R., McNerny, E., Aref, M., Organ, J. M., Newman, C. L., McGowan, B., ... Wallace, J. M. (2017). Effects of combination treatment with alendronate and raloxifene on skeletal properties in a beagle dog model. *PLOS ONE*, 12(8), e0181750. <https://doi.org/10.1371/journal.pone.0181750>
- House, D. R., Cheptinga, P., Rusyniak, D. E., & Vreeman, R. C. (2017). Qualitative study of healthcare providers' current practice patterns and barriers to successful rehydration for pediatric diarrheal illnesses in Kenya. *PeerJ*, 5, e3829. <https://doi.org/10.7717/peerj.3829>
- Wu, D., José, J. V., Nurnberger, J. I., & Torres, E. B. (2018). A Biomarker Characterizing Neurodevelopment with applications in Autism. *Scientific Reports*, 8(1), 614. <https://doi.org/10.1038/s41598-017-18902-w>
- Davis, H. M., Aref, M. W., Aguilar-Perez, A., Pacheco-Costa, R., Allen, K., Valdez, S., ... Plotkin, L. I. (2018). Cx43 Overexpression in Osteocytes Prevents Osteocyte Apoptosis and Preserves Cortical Bone Quality in Aging Mice. *JBMR Plus*. <https://doi.org/10.1002/jbm4.10035>
- Muñoz, B., Fritz, B. M., Yin, F., & Atwood, B. K. (2018). Alcohol exposure disrupts mu opioid receptor-mediated long-term depression at insular cortex inputs to dorsolateral striatum. *Nature Communications*, 9(1), 1318. <https://doi.org/10.1038/s41467-018-03683-1>
- Thompson, K., Chen, J., Luo, Q., Xiao, Y., Cummins, T. R., & Bhatwadekar, A. D. (2018). Advanced glycation end (AGE) product modification of laminin downregulates Kir4.1 in retinal Müller cells. *PLOS ONE*, 13(2), e0193280. <https://doi.org/10.1371/journal.pone.0193280>
- Wannemuehler, T. J., Rabbani, C. C., Burgeson, J. E., Illing, E. A., Walgama, E. S., Wu, A. W., & Ting, J. Y. (2018). Survey of endoscopic skull base surgery practice patterns among otolaryngologists. *Laryngoscope Investigative Otolaryngology*. <https://doi.org/10.1002/lio2.149>
- Lee, J., Böscke, R., Tang, P.-C., Hartman, B. H., Heller, S., & Koehler, K. R. (2018). Hair Follicle Development in Mouse Pluripotent Stem Cell-Derived Skin Organoids. *Cell Reports*, 22(1), 242–254. <https://doi.org/10.1016/j.celrep.2017.12.007>
- Jideonwo, V., Hou, Y., Ahn, M., Surendran, S., & Morral, N. (2018). Impact of silencing hepatic SREBP-1 on insulin signaling. *PLOS ONE*, 13(5), e0196704. <https://doi.org/10.1371/journal.pone.0196704>
- Under review. *The Lancet Global Health*.
- School of Nursing**
- Otte, J. L., Carpenter, J. S., Manchanda, S., Rand, K. L., Skaar, T. C., Weaver, M., ... Landis, C. (2014). Systematic review of sleep disorders in cancer patients: can the prevalence of sleep disorders be ascertained? *Cancer Medicine*. <https://doi.org/10.1002/cam4.356>
- Young, J., Lee, M., Sands, L. P., & McComb, S. (2015). Nursing activities and factors influential to nurse staffing decision-making. *Journal of Hospital Administration*, 4(4), p24. <https://doi.org/10.5430/jha.v4n4p24>

Carpenter, J. S., Reed, S. D., Guthrie, K. A., Larson, J. C., Newton, K. M., Lau, R. J., ... Shifren, J. L. (2015). Using an FSDS-R Item to Screen for Sexually Related Distress: A MsFLASH Analysis. *Sexual Medicine*. <https://doi.org/10.1002/sm2.53>

Bartlett Ellis, R. J., Carmon, A. F., & Pike, C. (2016). A review of immediacy and implications for provider-patient relationships to support medication management. *Patient Preference and Adherence*, 10, 9–18. <https://doi.org/10.2147/PPA.S95163>

Priest, C., Knopf, A., Groves, D., Carpenter, J. S., Furrey, C., Krishnan, A., ... Wilson, J. (2016). Finding the Patient's Voice Using Big Data: Analysis of Users' Health-Related Concerns in the ChaCha Question-and-Answer Service (2009–2012). *Journal of Medical Internet Research*, 18(3), e44. <https://doi.org/10.2196/jmir.5033>

Carter-Harris, L., Bartlett Ellis, R., Warrick, A., & Rawl, S. (2016). Beyond Traditional Newspaper Advertisement: Leveraging Facebook-Targeted Advertisement to Recruit Long-Term Smokers for Research. *Journal of Medical Internet Research*, 18(6), e117. <https://doi.org/10.2196/jmir.5502>

Chen, C. X., Barrett, B., & Kwekkeboom, K. L. (2016). Efficacy of Oral Ginger (*Zingiber officinale*) for Dysmenorrhea: A Systematic Review and Meta-Analysis. *Evidence-Based Complementary and Alternative Medicine*, 2016, e6295737. <https://doi.org/10.1155/2016/6295737>

Knopf, A. S., McNealy, K. R., Al-Khattab, H., Carter-Harris, L., Oruche, U. M., Naanyu, V., & Draucker, C. B. (2017). Sexual learning among East African adolescents in the context of generalized HIV epidemics: A systematic qualitative meta-synthesis. *PLOS ONE*, 12(3), e0173225. <https://doi.org/10.1371/journal.pone.0173225>

Carter-Harris, L., Comer, R. S., Goyal, A., Vode, E. C., Hanna, N., Ceppa, D., & Rawl, S. M. (2017). Development and Usability Testing of a Computer-Tailored Decision Support Tool for Lung Cancer Screening: Study Protocol. *JMIR Research Protocols*, 6(11), e225. <https://doi.org/10.2196/resprot.8694>

Carter-Harris, L., Slaven, J. E., Monahan, P. O., Shedd-Steele, R., Hanna, N., & Rawl, S. M. (2018). Understanding lung cancer screening behavior: Racial, gender, and geographic differences among Indiana long-term smokers. *Preventive Medicine Reports*, 10, 49–54. <https://doi.org/10.1016/j.pmedr.2018.01.018>

Chen, C. X., Draucker, C. B., & Carpenter, J. S. (2018). What women say about their dysmenorrhea: a qualitative thematic analysis. *BMC Women's Health*, 18, 47. <https://doi.org/10.1186/s12905-018-0538-8>

Article under review. *PLOS One*.

School of Philanthropy

Konrath, S., Falk, E., Fuhrel-Forbis, A., Liu, M., Swain, J., Tolman, R., ... Walton, M. (2015). Can Text Messages Increase Empathy and Prosocial Behavior? The Development and Initial Validation of Text to Connect. *PLOS ONE*, 10(9), e0137585. <https://doi.org/10.1371/journal.pone.0137585>

School of Physical Education & Tourism Management

Eckert, N. R., Poston, B., & Riley, Z. A. (2016). Modulation of the Cutaneous Silent Period in the Upper-Limb with Whole-Body Instability. *PLOS ONE*, 11(3), e0151520.

<https://doi.org/10.1371/journal.pone.0151520>

School of Public Health

Wang, Y., Eliot, M. N., & Wellenius, G. A. (2014). Short-term Changes in Ambient Particulate Matter and Risk of Stroke: A Systematic Review and Meta-analysis. *Journal of the American Heart Association*, 3(4), e000983. <https://doi.org/10.1161/JAHA.114.000983>

Li, S., Chen, S., Yue, C., & Caffo, B. (2016). A Parcellation Based Nonparametric Algorithm for Independent Component Analysis with Application to fMRI Data. *Brain Imaging Methods*, 15. <https://doi.org/10.3389/fnins.2016.00015>

Weaver, A. M., Wellenius, G. A., Wu, W.-C., Hickson, D. A., Kamalesh, M., & Wang, Y. (2016). Residential Proximity to Major Roadways Is Not Associated with Cardiac Function in African Americans: Results from the Jackson Heart Study. *International Journal of Environmental Research and Public Health*, 13(6), 581. <https://doi.org/10.3390/ijerph13060581>

Stanforth, A., Moreno-Madriñán, M. J., & Ashby, J. (2016). Exploratory Analysis of Dengue Fever Niche Variables within the Río Magdalena Watershed. *Remote Sensing*, 8(9), 770. <https://doi.org/10.3390/rs8090770>

DeHoff, B. A., Staten, L. K., Rodgers, R. C., & Denne, S. C. (2016). The Role of Online Social Support in Supporting and Educating Parents of Young Children with Special Health Care Needs in the United States: A Scoping Review. *Journal of Medical Internet Research*, 18(12), e333. <https://doi.org/10.2196/jmir.6722>

Weaver, A. M., Wellenius, G. A., Wu, W.-C., Hickson, D. A., Kamalesh, M., & Wang, Y. (2017). Residential distance to major roadways and cardiac structure in African Americans: cross-sectional results from the Jackson Heart Study. *Environmental Health*, 16, 21. <https://doi.org/10.1186/s12940-017-0226-4>

Menachemi, N., Rahurkar, S., & Rahurkar, M. (2017). Using Web-Based Search Data to Study the Public's Reactions to Societal Events: The Case of the Sandy Hook Shooting. *JMIR Public Health and Surveillance*, 3(1), e12. <https://doi.org/10.2196/publichealth.6033>

Parvez, S., Frost, K., & Sundararajan, M. (2017). Evaluation of Drinking Water Disinfectant Byproducts Compliance Data as an Indirect Measure for Short-Term Exposure in Humans. *International Journal of Environmental Research and Public Health*, 14(5), 548. <https://doi.org/10.3390/ijerph14050548>

Parvez, S., Gerona, R. R., Proctor, C., Friesen, M., Ashby, J. L., Reiter, J. L., ... Winchester, P. D. (2018). Glyphosate exposure in pregnancy and shortened gestational length: a prospective Indiana birth cohort study. *Environmental Health*, 17, 23. <https://doi.org/10.1186/s12940-018-0367-0>

Weaver, A. M., Wellenius, G. A., Wu, W.-C., Hickson, D. A., Kamalesh, M., & Wang, Y. (2016). Residential Proximity to Major Roadways Is Not Associated with Cardiac Function in African Americans: Results from the Jackson Heart Study. *International Journal of Environmental Research and Public Health*, 13(6), 581. <https://doi.org/10.3390/ijerph13060581>

Article under review. *eGEMS*.

Article under review. *Frontiers in Public Health Education and Promotion*.

Article under review. *South Eastern Europe Journal of Public Health (SEEJPH)*.

Article under review. *South Eastern Europe Journal of Public Health (SEEJPH)*.

School of Public & Environmental Affairs

Dumortier, J. (2013). The effects of uncertainty under a cap-and-trade policy on afforestation in the United States. *Environmental Research Letters*, 8(4), 044020. <https://doi.org/10.1088/1748-9326/8/4/044020>

Noonan, D., Zhou, S., & Kirkman, R. (2017). Making Smart and Sustainable Infrastructure Projects Viable: Private Choices, Public Support, and Systems Constraints. *Urban Planning*, 2(3), 18–32. <https://doi.org/10.17645/up.v2i3.999>

School of Science

Fu, D., Tan, P., Kuznetsov, A., & Molkov, Y. I. (2014). Chaos and Robustness in a Single Family of Genetic Oscillatory Networks. *PLoS ONE*, 9(3), e90666. <https://doi.org/10.1371/journal.pone.0090666>

Petrache, H. I. (2014). Coset Group Construction of Multidimensional Number Systems. *Symmetry*, 6(3), 578–588. <https://doi.org/10.3390/sym6030578>

Molkov, Y. I., Shevtsova, N. A., Park, C., Ben-Tal, A., Smith, J. C., Rubin, J. E., & Rybak, I. A. (2014). A Closed-Loop Model of the Respiratory System: Focus on Hypercapnia and Active Expiration. *PLoS ONE*, 9(10), e109894. <https://doi.org/10.1371/journal.pone.0109894>

Panfair, D., Ramamurthy, A., & Kusmierczyk, A. R. (2015). Alpha-ring Independent Assembly of the 20S Proteasome. *Scientific Reports*, 5, 13130. <https://doi.org/10.1038/srep13130>

Daryanto, S., Wang, L., & Jacinthe, P.-A. (2015). Global Synthesis of Drought Effects on Food Legume Production. *PLOS ONE*, 10(6), e0127401. <https://doi.org/10.1371/journal.pone.0127401>

Wu, X., Yang, K., Zhao, Y., Sun, H., Li, G., & Ge, H. (2015). Cobalt-catalysed site-selective intra- and intermolecular dehydrogenative amination of unactivated sp³ carbons. *Nature Communications*, 6, 6462. <https://doi.org/10.1038/ncomms7462>

Molkov, Y. I., Bacak, B. J., Talpalar, A. E., & Rybak, I. A. (2015). Mechanisms of Left-Right Coordination in Mammalian Locomotor Pattern Generation Circuits: A Mathematical Modeling View. *PLoS Comput Biol*, 11(5), e1004270. <https://doi.org/10.1371/journal.pcbi.1004270>

Song, H. D., & Zhu, F. (2015). Conformational Changes in Two Inter-Helical Loops of Mhp1 Membrane Transporter. *PLOS ONE*, 10(7), e0133388. <https://doi.org/10.1371/journal.pone.0133388>

Hollingshead, N. A., Meints, S., Middleton, S. K., Free, C. A., & Hirsh, A. T. (2015). Examining influential factors in providers' chronic pain treatment decisions: a comparison of physicians and medical students. *BMC Medical Education*, 15, 164. <https://doi.org/10.1186/s12909-015-0441-z>

- Jashnsaz, H., Nguyen, T., Petracche, H. I., & Pressé, S. (2015). Inferring Models of Bacterial Dynamics toward Point Sources. *PLOS ONE*, 10(10), e0140428. <https://doi.org/10.1371/journal.pone.0140428>
- Firestone, K., Awonusi, D., Panfair, D., Roland, D., Ramamurthy, A., & Kusmierczyk, A. R. (2016). YPL260W, a high-copy suppressor of a copper-sensitive phenotype in yeast, is linked to DNA repair and proteasome function. *Plant Gene*, 5, 38–48. <https://doi.org/10.1016/j.plgene.2015.11.002>
- Lu, X., Wang, L., & McCabe, M. F. (2016). Elevated CO₂ as a driver of global dryland greening. *Scientific Reports*, 6, 20716. <https://doi.org/10.1038/srep20716>
- Daryanto, S., Wang, L., & Jacinthe, P.-A. (2016). Global Synthesis of Drought Effects on Maize and Wheat Production. *PLOS ONE*, 11(5), e0156362. <https://doi.org/10.1371/journal.pone.0156362>
- Morozova, E., Yoo, Y., Behrouzvaziri, A., Zaretskaia, M., Rusyniak, D., Zaretsky, D., & Molkov, Y. (2016). Amphetamine enhances endurance by increasing heat dissipation. *Physiological Reports*, 4(17), e12955. <https://doi.org/10.14814/phy2.12955>
- Dharmarajan, S., Fisk, D. L., Sorenson, C. M., Sheibani, N., & Belecky-Adams, T. L. (2017). Microglia activation is essential for BMP7-mediated retinal reactive gliosis. *Journal of Neuroinflammation*, 14, 76. <https://doi.org/10.1186/s12974-017-0855-0>
- Bird, B. W., Wilson, J. J., Iii, W. P. G., Steinman, B. A., & Stamps, L. (2017). Midcontinental Native American population dynamics and late Holocene hydroclimate extremes. *Scientific Reports*, 7, 41628. <https://doi.org/10.1038/srep41628>
- Kaseke, K. F., Wang, L., & Seely, M. K. (2017). Nonrainfall water origins and formation mechanisms. *Science Advances*, 3(3), e1603131. <https://doi.org/10.1126/sciadv.1603131>
- Florea, L., Bird, B., Lau, J. K., Wang, L., Lei, Y., Yao, T., & Thompson, L. G. (2017). Stable isotopes of river water and groundwater along altitudinal gradients in the High Himalayas and the Eastern Nyainqntanghla Mountains. *Journal of Hydrology: Regional Studies*, 14(Supplement C), 37–48. <https://doi.org/10.1016/j.ejrh.2017.10.003>
- Ahn, S., & Rubchinsky, L. L. (2017). Potential Mechanisms and Functions of Intermittent Neural Synchronization. *Frontiers in Computational Neuroscience*, 11. <https://doi.org/10.3389/fncom.2017.00044>
- Egodagamage, R., & Tuceryan, M. (2017). Distributed Monocular SLAM for Indoor Map Building. *Journal of Sensors*, 1–11. <https://doi.org/10.1155/2017/6842173>
- Chernoff, E. A. G., Sato, K., Salfity, H. V. N., Sarria, D. A., & Belecky-Adams, T. (2018). Musashi and Plasticity of Xenopus and Axolotl Spinal Cord Ependymal Cells. *Frontiers in Cellular Neuroscience*, 12. <https://doi.org/10.3389/fncel.2018.00045>
- Tian, C., Wang, L., Kaseke, K. F., & Bird, B. W. (2018). Stable isotope compositions (δ 2 H, δ 18 O and δ 17 O) of rainfall and snowfall in the central United States. *Scientific Reports*, 8(1), 6712. <https://doi.org/10.1038/s41598-018-25102-7>

Sethunath, D., Morusu, S., Tuceryan, M., Cummings, O. W., Zhang, H., Yin, X.-M., ... Gawrieh, S. (2018). Automated assessment of steatosis in murine fatty liver. *PLOS ONE*, 13(5), e0197242.
<https://doi.org/10.1371/journal.pone.0197242>

Harter, A. K., Onanga, F. A., & Joglekar, Y. N. (2018). Veiled symmetry of disordered Parity-Time lattices: protected PT-threshold and the fate of localization. *Scientific Reports*, 8(1), 44.
<https://doi.org/10.1038/s41598-017-18589-z>

Article under review. *Scientific Reports*.

Article under review. *Scientific Reports*.

Article under review. *Photonics Research*.

Article under review. *Nature Communications*.

Article under review. *PLOS One*.