Department Productivity Report  
October 1, 2018 - December 31, 2018

Books

Robillard, A., We Find Ourselves in Other People's Stories: On Narrative Collapse and a Lifetime Search for Story.

Nassar, I., Charif, M., History of the Palestinians and Their National Movement. Institute for Palestine Studies.

He, Q., Newspapers and the Journalistic Public in Republican China: 1917 as a Significant Year of Journalism. Routledge.

Book Chapters


Journal Articles


Hayes, R., Wesselmann, E., Carr, C., When nobody “Likes” you: Perceived ostracism through paralinguistic digital affordances within social media. Social Media and Society.


Critchfield, T. S., An emotional appeal for the development of empirical research on narrative.

Critchfield, T., Doepke, K. J., Emotional overtones of behavior analysis terms in English and five other languages. Behavior Analysis in Practice.


Critchfield, T., Barnes-Holmes, D., Dougher, M., What Sidman did: Historical and contemporary significance of research on derived stimulus relations. Perspectives on Behavior Science.

Soule, D., Darner, R., O’Reilly, C. M., Bader, N. E., Meixner, T., Gibson, C. A., McDuff, R. E., EDDIE modules are effective learning tools for developing quantitative literacy and seismological understanding.


Tripathi, K., Driskell, J. D., Quantifying Bound and Active Antibodies Conjugated to Gold Nanoparticles: A Comprehensive and Robust Approach To Evaluate Immobilization Chemistry. ACS OMEGA.


Ferrence, G., has over 100 Peer Reviewed Publications; not all citations are available in Digital Measures.

Finan, L., Zhang, L., Paschall, M. J., Bersamin, M., Cognitive precursors to adolescents’ reproductive health: Exploring the role of school-based health services. Preventive Medicine.


Foster, A., Volunteer Environmental Stewardship and Affective Labour in Philadelphia. CONSERVATION & SOCIETY.


Su, Q., Grobe, R., Quantum mechanical approach to the laser-assisted vacuum decay. Phys. Rev. A.

Su, Q., Grobe, R., Role of the spatial inhomogeneity on the laser-induced vacuum decay. Phys. Rev. A.

Su, Q., Grobe, R., Superposition principle for the simultaneous optimization of collective responses.


Harris, T. F., Yelowitz, A., Racial Climate and Homeownership. Journal of Housing Economics.

Wesselmann, E., Ispas, D., Olson, M., Swerdlik, M., Caudle, N. M., Does perceived ostracism contribute to mental health concerns among veterans who have been deployed? PLoS ONE.

Jones, M. A., Electric Field Stimulation on the Kinetics of Secreted Acid Phosphatases from Leishmania tarentolae and Implications for Therapy.

Jones, M., Evidence that Speciation of Oxovanadium Complexes does not Solely Account for Inhibition of Leishmania Acid Phosphatases.

Jones, M., In vivo studies of the effectiveness of novel N-halomethylated and non-halomethylated quaternary ammonium salts in the topical treatment of cutaneous leishmaniasis.

Lee, J., Yoon, J., Kim, J.-H., Lee, T., Byun, H., Electrospun PAN-GO composite nanofibers as water purification membranes. JOURNAL OF APPLIED POLYMER SCIENCE.

Hou, J., Jang, W., Kim, S., Kim, J.-H., Byun, H., Rapid formation of polyimide nanofiber membranes via hot-press treatment and their performance as Li-ion battery separators. RSC ADVANCES.


Carter, A., Sadd, B., Tuberville, T., Paitz, R., Bowden, R., Short heatwaves during fluctuating incubation regimes produce females under temperature-dependent sex determination with implications for sex ratios in nature. Scientific Reports.


Blaney, S., Gupta, R., Sounding of subsurface concrete defects using frequency response of flexural vibration. CEMENT & CONCRETE COMPOSITES.


Roth, O., Beemelmanns, A., Barribeau, S., Sadd, B., Recent advances in vertebrate and invertebrate trans-generational immunity in the light of ecology and evolution. Heredity.

Carter, A., Sadd, B., Tuberville, T., Paitz, R., Bowden, R. M., Short heatwaves during fluctuating incubation regimes produce females under temperature-dependent sex determination with implications for sex ratios in nature. Scientific Reports.

Palmer-Young, E. C., Calhoun, A. C., Mirzayeva, A. S., Sadd, B., Synergistic effects of floral phytochemicals against a bumble bee parasite. Scientific Reports.


Lipperman-Kreda, S., Finan, L., Grube, J. W., Social and situational characteristics associated with adolescents' drinking at party and non-party events. Addictive Behaviors.

Ludwikowski, J., Peterson, E., Transport and fate of chloride within a mixed urban and agricultural watershed: assessing the influence of chloride application rates. Hydrogeology Journal.


Seidman, A., Wade, N. G., Lannin, D., Self-affirming values to increase veterans' intentions to seek counseling. Journal of Counseling Psychology.

Tranel, L., Hill slope coupled stream morphology, flow conditions, and their effects on detrital sedimentology in Garnet Canyon, Teton Range, Wyoming. Geoscience Frontiers.


Himley, M. D., Extractivist geographies: Mining and development in late-nineteenth- and early twentieth-century Peru. Latin American Perspectives.


Sampeck, K. E., Smoke and Mirrors. Anthropology News.

Ding, P., On the Lengths of Level Curves.


Atari, R., Han, S., Perceived discrimination, ethnic identity, and psychological well-being among Arab Americans.

Chopra, R., Johnson, E., Daniels, E., McGinn, M., Dorn, K., Esfahanian, M., Folstad, N., Amundson, K., Altendorf, K., Frels, K., Sedbrook, J., Marks, M. David, Translational genomics using Arabidopsis as a model enables the characterization of pennycress genes through forward and reverse genetics.


Smith, J., Changes in speech-language pathology students' attitudes toward breastfeeding during a pediatric dysphagia course. Journal of Human Lactation.


Zhao, W., Idempotents in Intersection of the Kernel and the Image of Locally Finite Derivations and $\mathcal{E}$-derivations. European Journal of Mathematics.

Lobato, E. E. J. C., Zimmerman, C., Examining how people reason about controversial scientific topics. Thinking and Reasoning.


Miller, L., Microwear Analysis of Hopewell Bladelets from Two Sites Associated with the Stubbs Earthworks, Southwest Ohio. Midcontinental Journal of Archaeology.

**Book Reviews**


Presentations


Milita, K., Stony Brook University, "Direct Democracy in America," Department of Political Science. (November 2018).


Mortimer, N. T., Biology Department Seminar, "Invasion of the body snatchers: A functional genomics approach to understanding host-parasite interactions," Arcadia University. (November 2018).


Gonzalez, J., Stein, W., Follmann, R., Rosa, E., Fall 2018 Meeting of the Illinois Section of the American Association of Physics Teachers, "Modulator-induced transitions between rhythmic neuronal activities," AAPT. (November 2018).


McLauchlan, C. C., ISU Math Undergraduate Colloquium, "Investigations into the coordination geometries of oxovanadates and enzymes," Illinois State University Department of Mathematics. (November 2018).

Riaz, A., Political Violence and Radical Militancy in South Asia, "Understanding the Radicalization of the Bangladeshi Society and Politics," South Asia Observatory of the Network of Researchers in International Affairs (NORIA), IRSEM (Institut De Recherche Strategie De L'Ecole Militaire) and DGRIS (Direction Generale des relations Internationales et de la strategie), (November 2018).

Tsouvala, G., Roman Seminar/Ρωμαϊκό Σεμινάριο, "Reconsidering the Evidence for Female Athletes in the Late Hellenistic and Early Roman Periods in Greece." (November 2018).


Himley, M. D., Department of Geography Colloquium Series, Indiana University Bloomington, "The future lies beneath: Mineral science, resource-making, and territorial production in late-nineteenth-century Peru." (November 2018).


Ambrose-Igho, G., Seyoum, W. M., Perry, W., O'Reilly, C., Geological Society of America, "SPATIAL PATTERNS OF ALGAL BLOOMS IN LAKE BLOOMINGTON AND EVERGREEN LAKE USING FIELD OBSERVATIONS AND REMOTE SENSING." (November 2018).


Tilahun, T., Seyoum, W., O'Reilly, C., Perry, B., Geological Society of America, "THE EFFECT OF COVER CROPPING AND AGRICULTURAL MANAGEMENT ON SURFACE WATER QUALITY IN A SMALL-SCALE WATERSHED IN CENTRAL ILLINOIS." (November 2018).


Mordan, L., Pattanakul, D., Julie, C., International Society of Developmental Psychobiology, "Whether movements recorded with the actigraphs are predicted by supine head orientation preference?." (October 2018).


Larkin, P., Vinney, L., Yanez, J., Culturally Responsive Campus Conference, "Gender-affirming communication services: A new clinical service at the university speech and hearing clinic.." (October 2018).


Sadd, B., Departmental Seminar, "Low on the genes, but big on defense: bumblebee immunity across generations and consequences for associated microbes," Murray State University. (October 2018).


Sampeck, K. E., AIA lecture series, "Sex in a Cup: Chocolate and Gender through the Ages," Archaeological Institute of America. (October 2018).


Stone, L., Association for the Study of Arts of the Present, "Suffering Bodies and Scenes of Confrontation." (October 2018).


Delehanty, A., Lorio, C., Woods, J., Division for Early Childhood Conference, "Coaching parents via telepractice to use visual supports with preschoolers with ASD." (October 2018).


Rhoades, N., Cecere, G., Hammond, T., Gladyshev, E., Neurospora 2018, "Recombination-independent recognition of DNA homology for Repeat-Induced Point mutation and meiotic silencing by unpaired DNA." (October 2018).

Tsouvala, G., Money and the Military in Antiquity, University of Auckland, ""The Susa Marriages and Gifts in Alexander’s Campaign"." (October 2018).


Jasper, K., Mornings with the Professors, "Medieval Racism," Senior Professionals ISU. (October 2018).


Tsouvala, G., University of Canterbury, ""How do we ‘do’ ancient history? Reconsidering the Evidence for Greek Female Athletes in the Late Hellenistic and Roman Periods"." (October 2018).

Contracts, Fellowships, Grants and Sponsored Research


Sedbrook, J., "Genetic improvement of seed yield and oil content in field pennycress, a non-food oilseed feedstock.," Sponsored by USDA, $316,359.00. (December 2018 - December 2021).

Perry, W., O'Reilly, C., Darner, R., Hunter, W., Juliano, S., "Environmental Data-Driven Inquiry and Exploration," Sponsored by National Science Foundation, $2,000,000.00. (2018 - 2021).


Sheridan, K., "Continuation Year 2: Child Protection Mediation in Cook County," Sponsored by Court Improvement Program (HHS) pass through Administrative Office of Illinois Courts, $50,505.00. (October 1, 2018 - September 30, 2019).

Perry, W., O'Reilly, C. M., Hurt, R., "Microplastic concentrations in gizzard shad (Dorosoma cepedianum) and largemouth bass (Micropterus salmoides) from two drinking water reservoirs in the midwestern United States," Sponsored by Limnology & Oceanography Letters Special Issue, $5,000.00. (November 8, 2018 - March 25, 2019).


Artistic and Professional Performances and Exhibits