



Faculty Scholarship Reception

James B. Duke Library
February 21, 2020



Faculty Scholarship Reception

Sponsored by the Provost's Office and the Libraries

February 21, 2020 | 4:30 p.m. to 6:00 p.m.



WELCOME - 5:00 p.m.

Caroline Mills, Director of Libraries

SPECIAL RECOGNITION

Ken Peterson, Vice President for Academic Affairs and Provost

SPEED TALKS

Four-minute presentations by faculty who will distill their research and put their work in context for the diverse community of scholars present.

Bill Baker, Professor of Physics

Paige Ouzts '93, Professor of Physics, Lander University

Gretchen Braun, Associate Professor of English and Women's, Gender, and Sexuality Studies

Shaniece Criss, Assistant Professor of Health Sciences

Camille Lewis, Visiting Professor of Communication Studies

Kyle Longest, Associate Professor of Sociology,

Troy Terry, Executive Director of Graduate Studies

Matt Olson, Professor of Saxophone and Director of Jazz Studies

CLOSING REMARKS

Ken Peterson, Vice President for Academic Affairs and Provost



*Many thanks to the event organizers including
members of the Library Committee, and Library faculty and staff.*



A

Gil Allen

Bennette E. Geer Professor of Literature Emeritus, English

Allen, Gilbert. "Black Friday at Inner Spring," *Smartish Pace* (Baltimore, MD), April 2019.

Allen, Gilbert. "Love in the Time of Cubicles," *Fall Lines VI* (Columbia, SC), 2019.

Allen, Gilbert. "Every Life Should Have Nine Cats," *Miramar* (Santa Barbara, CA), 2019.

Allen, Gilbert. "Joyville," *Zone 3* (Clarksville, TN), Fall 2019.

Karen Allen

Assistant Professor, Earth and Environmental Sciences

Allen, Karen E., and Gregory Colson. 2019. "Understanding PES from the ground up: a combined choice experiment and interview approach to understanding PES in Costa Rica." *Sustainability Science* 14 (2):391-404. doi: 10.1007/s11625-018-00653-w

Hiebert, Joseph,* and Karen Allen. 2019. "Valuing environmental amenities across space: a geographically weighted regression of housing preferences in Greenville County, SC." *Land* 8 (147). doi:10.3390/land8100147

Chris Alvin

Assistant Professor, Computer Science

Alvin, C., Peterson, B. & Mukhopadhyay, S. *Int J Softw Tools Technol Transfer* (2019). <https://doi.org/10.1007/s10009-019-00545-z>

Lori Alvin

Assistant Professor, Mathematics

L. Alvin and J. Kelly, Endpoints of inverse limits of set-valued functions, *Topology Proc.*, 54 (2019), 233-257.

Mary Elizabeth Anderson

Associate Professor, Chemistry

Lau, J.; Trojniak, A. E.; Maraugh, M. J.; VanZanten, A. J.; Osterbaan, A. J.; Serino, A. C.; Ohnsorg, M. L.; Cheung, K. M.; Ashby, D. S.; Weiss, P. S.; Dunn, B. S.; Anderson, M. E. Conformal Ultrathin Film Metal-Organic Framework Analogues: Characterization of Thin Film Growth, Porosity, and Electronic Transport. *Chem. Mater.* **2019**, 31, 8977-8986.

Sarah Archino

Assistant Professor, Art

"The Critical Deployment of Amateurism in 1910s New York," *Panorama: Journal of the Association of Historians of American Art*.

"A Third Place: The And Or Project," in *Academics, Artists, and Museums: 21st-Century Partnerships*. New York: Routledge Press.

John Armstrong

Associate Professor, Communications Studies

Armstrong, J. (2019). "The Amateurs' Hour: South Carolina's First Radio Stations, 1913-1917." *Carolinas Communication Annual* (2019): 107-117.

Ruth Aronoff

Assistant Professor, Earth and Environmental Sciences

Hernández-Montenegro, J.D., Andronicos, C.L., Zuluaga, C., & Aronoff, R.F. (2019). Effects of melt loss and melt retention on differentiation of anatectic pelites: A case study of the Wet Mountains, Colorado. *Lithos*, 344-345, 425-439. doi: 10.1016/j.lithos.2019.06.032

Maegan Azar

Associate Professor and Chair, Theater Arts

EVERY BRILLIANT THING. By Duncan MacMillan with Jonny Donahoe, directed by Maegan McNerney Azar, performance by Matt Mundy, Lean Ensemble Theater, December 12, 2019. Soundwaves, Hilton Head Island.

Azar, Maegan, David Charles, Jennfer Goff, Matthew Hallock, and Padriac Lillis. "The Farm Theater College Collaboration Project," *Southeastern Theatre Conference*. February 28, 2019. Knoxville, Tennessee. Workshop.

Azar, Maegan McNerney. "Parents as Artists: Balancing Work, Creativity, and Children." *SETC News*, January/February 2019, 13.

B

Bill Baker

Professor, Physics

Baker, W. M., Ouzts, P. M., et al. (2019). Optical glucometer. *U.S. Patent No. 10,492,714 (B2)*. Washington, DC: U.S. Patent and Trademark Office.

John Barrington

Professor, History

Baptists in Early North America, Vol. V: Welsh Neck, South Carolina. (Macon, Georgia: Mercer University Press, 2019).

* Denotes undergraduate student co-author



Linda Bartlett

Professor, Modern Languages and Literatures

“Teaching History Through Television: Myth and Counter-Myth in Cuéntame cómo pasó.” Mito e historia en la televisión y el cine español, edited by Christine Blackshaw Naberhaus, Albatros, 2019, 217-231.

Mark Bettner

Visiting Professor, Business and Accounting

Financial Accounting, 18th Edition, (with Professors Williams & Carcello), McGraw-Hill/Irwin, in press October 2019, published January 2020, (published ancillaries include LearnSmart digital assessment package and Solutions Manual).

Financial and Managerial Accounting: The Basis for Business Decisions, 19th Edition, (with Professors Williams and Carcello), McGraw-Hill/Irwin, in press October 2019, published January 2020 (published ancillaries include LearnSmart digital assessment package and Solutions Manual).

Kerstin Blomquist

Associate Professor, Psychology

Carr, M.M., Lawson, J.L., Ivezaj, V., Blomquist, K.K., & Grilo, C.M. (2019). Psychometric properties of the Eating Loss of Control Scale among post-bariatric patients. *Surgery for Obesity and Related Diseases*, 15(10), 1829-1835. <https://doi.org/10.1016/j.soard.2019.06.039>

Schmalz, D. L., Griffin, S. F., Blomquist, K. K., Reeves, C. B., & Sease, K. K. (2019). A community-based approach to childhood obesity treatment. *Recreation, Parks, and Tourism in Public Health*, 3, 47-66. doi: 10.2979/rptph.3.1.05

Schmalz, D. L., Joyner, L., Duffy, L. N., Bricker, K. S., & Blomquist, K. K. (2019). The cycle of food socialization: Leisure as resistance. *Annals of Leisure Research*. <https://doi.org/10.1080/11745398.2019.1568891>

Criss, S., Horhota, M., Wiles, K., Norton, J., Hilaire, K. J. S., Short, M. A., & Blomquist, K. K. (2019). Food cultures and aging: a qualitative study of grandparents' food perceptions and influence of food choice on younger generations. *Public Health Nutrition*, 1-10. doi: 10.1017/S1368980019002489

Gretchen Braun

Associate Professor, English and Women's, Gender, and Sexuality Studies

Braun, Gretchen. “Empathy, Anxiety, and the Boundaries of Humanity: Vivisection Discourse in The Island of Doctor Moreau.” *Studies in the Novel*, vol. 51, no. 4, 2019, pp. 499-522.



Tony Caterisano

Professor, Health Sciences

Caterisano A, Decker D, Snyder B, Feigenbaum M, Glass R, House P, Sharp C, Waller M, and Witherspoon Z. CSCCa and NSCA joint consensus guidelines for transition periods: safe return to training following inactivity. *Strength Cond J* 41: 1–23, 2019.

Hutchison, R. E., & Caterisano, A. (2019). Comparison of Peak Ground Reaction Force, Joint Kinetics and Kinematics, and Muscle Activity Between a Flexible and Steel Barbell During the Back Squat Exercise, *Journal of Human Kinetics*, 68(1), 99-108. doi: <https://doi.org/10.2478/hukin-2019-0059>

Srikripa Chandrasekaran

Assistant Professor, Biology

Dbouk NH, Covington MB, Nguyen K, & Chandrasekaran S. 2019. Increase of reactive oxygen species contributes to growth inhibition by fluconazole in *Cryptococcus neoformans*. *BMC Microbiol.* 19(243):1-10. <https://doi.org/10.1186/s12866-019-1606-4>

Eric Ching

Professor, History

“El Salvador and the Russian Revolution, 1917-1932,” co-author with Alfredo Ramírez, in Choi Chatterjee, Steven G. Marks, Mary Neuburger, and Steven Sabol, eds, *The Global Impacts of Russia's Great War and Revolution, Book 2: The Wider Arc of Revolution* (Bloomington, IN: Slavica Publishers, 2019), 3-31.

Matt Cohen

Assistant Professor, Earth and Environmental Sciences

Slifer, A.*, Dailey, H., & Cohen, M. (2019). Opportunities and benefits of a university-based weatherization assistance program: The case of Furman University's Community Conservation Corps. *Sustainability: The Journal of Record*, 12(6), 296-303. doi: 10.1089/sus.2019.0017

Cohen, M., Quinn, J., Marshall, D.*, & Sharp, T.* (2019). Sustainability assessment of a community open space vision. *Sustainability Science*, 14(6), 1565-1580. doi: 10.1007/s11625-019-00659-y

* Denotes undergraduate student co-author



Jenny Colvin

Associate Librarian, Library

“Mindfully Managing Library Teams.” Recipes for Mindfulness in Your Library, edited by Madeleine Charney, Jenny Colvin, and Richard Moniz. ALA Editions. 2019.

Colvin, Jenny and Charney, Madeleine. “Contemplative Pedagogy: Building Resilience in Academic Libraries.” Going Green: Implementing Sustainable Strategies in Libraries Around the World: Buildings, Management, Programmes, and Services. Edited by Petra Hauke, Madeleine Charney, and Harri Sahavirta. IFLA Publications 177.

Shaniece Criss

Assistant Professor, Health Sciences

Criss, S., Horhota, M., Wiles, K., Norton, J., Hilaire, K. J. S., Short, M. A., & Blomquist, K. K. (2019). Food cultures and aging: a qualitative study of grandparents' food perceptions and influence of food choice on younger generations. *Public Health Nutrition*, 1-10. doi: 10.1017/S1368980019002489

Nguyen, T.T., Criss, S., Allen, A.M., Glymour, M.M., Phan, L., Trevino, R., Dasari, S., & Nguyen, Q.C. (2019). Pride, love, and twitter rants: combining machine learning and qualitative techniques to understand what our tweets reveal about race in the US. *International Journal of Environmental Research and Public Health*, 16(10), 1-19. doi: 10.3390/ijerph16101766

Brooke Culclasure

Research Director in the Center for Education Policy and Leadership

Culclasure, B., Longest, K., & Terry, T. (2019). “Project-based Learning (PjBL) in three Southeastern Public Schools: Academic, Behavioral, and Social-Emotional Outcomes.” *Journal of Problem Based Learning*, September 2019.

D

Weston Dripps

Professor, Earth and Environmental Sciences

Dripps, W. (2019). A campus lake as the centerpiece for a semester-long hydrology course. *Natural Sciences Education*, 48, 1-9. doi:10.4195/nse2019.01.0002

Adi Dubash

Assistant Professor, Biology

Bendrick JL, Eldredge LA, Williams EI, Haight NB, Dubash AD. 2019. Desmoplakin harnesses Rho GTPase and p38 MAPK signaling to coordinate cellular migration. *J Invest Dermatol*. 139(6):1227-1236.

F

Timothy Fehler

Professor, History

Timothy Fehler. “Die Emders Gotteskammern und ihre Bewohnerinnen zu Beginn des 19. Jahrhunderts,” in Klaas-Dieter Voß (ed.), *Freie Friesen Töchter: Tradition und gelebte Wirklichkeit*. Oldenburg: Isensee Verlag, 2019: 97-116.

Linnea Freeman

Assistant Professor, Biology

Deshpande NG, Saxena J, Pesaresi TG, Carrell CD, Ashby GB, Liao MK, Freeman LR. 2019. High fat diet alters gut microbiota but not spatial working memory in early middle-aged Sprague Dawley rats. *PLoS One*. 14(5):1-14. <https://doi.org/10.1371/journal.pone.0217553>

Adeluyi A, Guerin L, Fisher ML, Galloway A, Cole RD, Chan SSL, Wyatt MD, Davis SW, Freeman LR, Ortinski PI, Turner JR. 2019. Microglia morphology and proinflammatory signaling in the nucleus accumbens during nicotine withdrawal. *Science Adv*. 5(10):1-11. <https://doi.org/10.1126/sciadv.aax7031>

Ron Friis

Professor, Modern Languages and Literatures

Friis, Ronald and Maria Bartlett*, translators. Three Poems About Space (“Eternity and a Day,” “Illumination,” “Cybernaut.”) By Alberto Blanco. *EZRA: An Online Journal of Translation*, Fall 2019. <http://www.ezratranslation.com/current-issue/#MariaBartlettRonaldFriis>

Friis, Ronald and Maria Bartlett*, translators. Five Poems About Film (“Silent Light,” “There is a Light,” “Silent Light?,” “Amarcord,” and “Light in the Quince Tree.”) By Alberto Blanco. *Cagibi*, October 15, 2019. <https://cagibilit.com/poems-about-film-by-alberto-blanco/>

G

Brian Goess

Professor, Chemistry

Weinhofer, A. M.; Cole, H. D.; Mitchell, B. A.; Ritz, A.; Vogt, D.; Rabinovitch, J.; Goess, B. C.; Goforth, S. K. Ruthenium-Catalyzed Oxidation of Silyl Ethers to Silyl Esters. *Tetrahedron Lett*. 2019, 60, 1769–1772.

* Denotes undergraduate student co-author



Jim Guth

Professor, Politics and International Affairs

“Losing Faith: Religion and Attitudes toward the European Union,” *Journal of Common Market Studies*, DOI:10.1111/jcms12993

“Are White Evangelicals Populists?” *The Review of Faith & International Affairs*, 17:3 (Fall 2019), pp. 20-35.

“Party choice in Europe: Social cleavages and the rise of populist parties,” *Party Politics*, 2019, DOI: 10.1177/1354068819853965

H

Tim Hanks

Professor and Chair, Chemistry

Tobias, A.; Rooke, W.; Hanks, T. W. Incorporation of Gold Nanoparticles into the Bilayer of Polydiacetylene Unilamellar Vesicles. *Colloid Polym. Sci.* **2019**, 297, 85-93.

Siegfried, A.; McAbee, B.; Zotov, V.; McMillen, C.; Hanks, T. Dichlorido(2,2'-methylenedipyridine)zinc(II). *IUCrData*. **2019**, 4, x190131.

Scott Henderson

Professor, Education

A. Scott Henderson, “Could Johnny Tremain Be Gay? Reinterpretation as a Subversive Act,” *Journal of Homosexuality* (Summer 2019), 1-20, published online 20 Aug. 2019 at: <https://doi.org/10.1080/00918369.2019.1656508>

Michalann G. Evatt and A. Scott Henderson, “South Carolina Teacher Residency Programs: Characteristics, Outcomes, and Recommendations,” in *South Carolina Teacher Education Advancement Consortium Research Papers* 1, no. 1 (May 2019), 1-17, published online 25 May 2019 at http://scte.teacher.wpengine.com/wp-content/uploads/2019/06/ResidencyPaper_Final_05.2019.pdf

David Hollis

Associate Professor, Biology

Bisese EC, Ciuba CM, Davidson AL, Kaushik A, Mullen SM, Barth JL, Hazard ES, Wilson RC, Hardiman G, Hollis DM. 2019. The acute transcriptome response of the midbrain/diencephalon to injury in the adult mummichog (*Fundulus heteroclitus*). *Mol Brain*. 12:1-4.

Michelle Horhota

Associate Dean for Mentoring and Advising, Academic Affairs

Criss, S., Horhota, M., Wiles, K., Norton, J., Hilaire, K. J. S., Short, M. A., & Blomquist, K. K. (2019). Food cultures and aging: a qualitative study of grandparents' food perceptions and influence of food choice on younger generations. *Public Health Nutrition*, 1-10. doi: 10.1017/S1368980019002489

Randy Hutchison

Associate Professor, Health Sciences

Sreedhara, V.S.M., Mocko, G.M., & Hutchison, R.E. (2019). A survey of mathematical models of human performance using power and energy. *Sports Medicine – Open*, 5, 1-13. doi: 10.1186/s40798-019-0230-z

Hutchison, R. E., & Caterisano, A. (2019). Comparison of peak ground reaction force, joint kinetics and kinematics, and muscle activity between a flexible and steel barbell during the back squat exercise. *Journal of Human Kinetics*, 68(1), 99-108. doi: <https://doi.org/10.2478/hukin-2019-0059>

Hutchison, R. E., Lucas, E. M., Marro, J., Gambon, T., Bruneau, K. N., & DesJardins, J. D. (2019). The effects of simulated knee arthrodesis on gait kinematics and kinetics. *Proceedings of the Institution of Mechanical Engineers Part H: Journal of Engineering in Medicine*, 233(7), 723-734.

Ashtiani, F., Sreedhara, V. S. M., Vahidi, A., Hutchison, R., & Mocko, G. (2019). Experimental modeling of cyclists fatigue and recovery dynamics enabling optimal pacing in a time trial. *2019 American Control Conference (ACC)*, 5083-5088. doi: 10.23919/ACC.2019.8814854

Snyder, B. J., Hutchison, R. E., Mills, C. J., & Parsons, S. J. (2019). Effects of two competitive soccer matches on landing biomechanics in female Division I soccer players. *Sports*, 7(11), 1-13. <https://doi.org/10.3390/sports7110237>

I

Brandon Inabinet

Associate Professor, Communication Studies

Inabinet, B. “Complicit in Victimage: Imagined Marginality in Southern Communication Criticism,” *Rhetoric Review* 38, no. 2 (2019): 160-172. DOI: 10.1080/07350198.2019.1582228



J

Amy Jonason

Assistant Professor, Sociology

Jonason, Amy. 2019. "Defining, Aligning and Negotiating Futures: New Forms of Identity Work in an Urban Farming Project." *Sociological Perspectives* 62(5):691-708.

K

Sofia Kearns

Professor, Modern Languages and Literatures

Kearns, Sofia; Ramos, Ingrid; Cox, Marina; and Maness, Whitney, *Oral Histories of Colombian Textile Workers in Greenville, SC.* (2018).

<https://scholarexchange.furman.edu/textile-workers/>

Kearns, Sofia. "La literatura indígena y su rol en el proyecto de recuperación lingüística en el continente americano." *MIFLC Review*, vol. 19, 2018-2019. <http://miflc.com/wp-content/uploads/2019/12/Kearns-Volume-19.pdf>

Katie Kelly

Associate Professor, Education

Kelly, K. and Laminack, L. L. (2019). *Reading to make a difference: Using literature to help students speak freely, think deeply, and take action.* Heinemann.

Christian Kerpel

Adjunct Professor, Chemistry

Kerpel, C.; Richert, S.; Storey, J. G.; Pillai, S.; Liddell, P. A.; Gust, D.; Mackenzie, S. R.; Hore, P. J.; Timmel, C. R. Chemical compass behaviour at microtesla magnetic fields strengthens the radical pair hypothesis of avian magnetoreception. *Nat. Comm.* 2019, 10, 1-7.

Megan Koon

ERP Adoption and Change Lead

Koon, Megan. *SWEET DIVINITY.* Prospective Press, 2019.

Janet Kwami

Associate Professor, Communication Studies

Steeves, H. L., & Kwami, J. D. (2019). Social Context in Development Communication: Reflecting on Gender and Information and Communication Technologies for Development in Ghana. *Asia Pacific Media Educator.*

<https://doi.org/10.1177/1326365X19856139>

L

Camille Lewis

Visiting Professor, Communication Studies

Lewis, C. "Remove Not the Ancient Landmarks': Making the Confederate Distortions of Religion Apparent," O'Rourke, S.P. and Lehn, M, eds. *Was Blind But Now I See: Rhetoric, Race, Religion, and the Charleston Shootings,* Landham, Maryland: Lexington Books, 2019.

Kyle Longest

Associate Professor, Sociology

Culclasure, B., Longest, K., & Terry, T. (2019). "Project-based Learning (PjBL) in three Southeastern Public Schools: Academic, Behavioral, and Social-Emotional Outcomes." *Journal of Problem Based Learning*, September 2019.

Perry, Samuel L; Longest, Kyle C.. 2019. "Does Pornography Use Reduce Marriage Entry During Early Adulthood? Findings from a Panel Study of Young Americans." *Sexuality & Culture*; Vol. 23, Iss. 2: 394-414.

Perry, Samuel L; Longest, Kyle C. 2019. "Examining the Impact of Religious Initiation Rites on Religiosity and Disaffiliation over Time." *Journal for the Scientific Study of Religion.* Vol. 58, Iss. 4: 891-904.

Marta Lukacovic

Assistant Professor, Communication Studies

Lukacovic, M. N. (2019). Micro-securitization to micro-mobilization: Internet user-generated framing of Slovaks' refusal to fight in a NATO operation. *Social Communications: Theory and Practice*, 8(1), 20-25.

M

Jeff Makala

Associate Librarian, Library

"Spiritual Machinery': The American Bible Society and the Mechanisms of Large-Scale Printing in the Early Nineteenth Century." *Printing History* 25 (new series), Winter 2019: 45-66.

Jacob F. Rivers III and Jeffrey Makala, eds. *In Dogs We Trust: An Anthology of American Dog Literature.* Columbia: University of South Carolina Press, 2019.

* Denotes undergraduate student co-author



Lourdes Manyé

Professor, Modern Languages and Literatures

Manyé, Lourdes. "Pretérito imperfecto: la crónica del olvido y la recuperación de la memoria histórica en Cuéntame cómo pasó." (The Recurring Past: Chronicle of the Forgotten Past and the Recovery of Historical Memory in Cuéntame cómo Pasó). Invited chapter in *Mito e historia en la television y el cine español*, ed. Christine Blackshaw, published by Albatros Ediciones in its new series, Diálogos Peninsulares, 2019, pp.253-272.

Manyé, Lourdes and Wayne Cox, translators. "One Day I Will Die" ("Un dia será mort") and "You Have Discovered That Just One Instant" ("Heu esbrinat que en un instant només"). By Miquel Martí i Pol. *Loch Raven Review*, Volume 13, 2019, pp. 78-81 (print form compiled from 2017 online issues). One of our translated poems is featured on the back cover.

John McArthur

Associate Professor, Communication Studies

McArthur, J.A. (Editor), 2019. Digital Interactions in Social Spaces: Proxemics, Digital Media, and Human-Machine Communication (Special Issue). *Electronic Journal of Communication*, 29 (3-4).

McArthur, J. A. (2019). On the need for spaces for discourse in human communication and technology. *Human Communication & Technology*, 1, 18-21.

McArthur, J.A., & Jauregui, A. (2019). Augmented Placemaking and community engagement: Exploring social media interaction in Brazoria County Rocks! *Texas Speech Communication Journal*, 43, 55-66.

Joseph Merry

Assistant Professor, Sociology

Merry, Joseph J. and Maria Paino. Forthcoming. "Sociology of Education." in the Wiley Blackwell Companion to Sociology, edited by George Ritzer and Wendy Wiedenhof Murphy. Wiley-Blackwell.

Merry, Joseph J., Donna Bobbitt-Zeher, and Douglas B. Downey. 2019. "Number of Siblings in Childhood, Social Outcomes in Adulthood." *Journal of Family Issues*.

Laura Morris

Assistant Professor, English

Morris, Laura. "Frackers." *Bayou Magazine*, issue 70, 2019.

Suresh Muthukrishnan

Professor and Chair, Earth and Environmental Sciences

Kaponda, P., Muthukrishnan, S., Barber, R., & Holm, R. H. (2019). Drinking water quality and human dimensions of cholera patients to inform evidence-based prevention investment in Karonga District, Malawi. *Water Supply*, 19(7): 2079–2087. doi: 10.2166/ws.2019.086

N

Brent Nelsen

Professor, Politics and International Affairs

"Party Choice in Europe: Social Cleavages and the Rise of Populist Parties," with James L. Guth, *Party Politics* (2019). Published online June 10 at <https://doi.org/10.1177/1354068819853965>

"Losing Faith: Religion and Attitudes toward the European Union in Uncertain Times," with James L. Guth, *Journal of Common Market Studies* (published online 31 October 2019): DOI:10.1111/jcms.12993

O

Matt Olson

Professor, Music

Matt Olson (saxophone), 789 Miles, recorded on September 14, 2018, OA2 Records 29085, 2019, compact disc.

P

Derek Parsons

Professor, Music

Invited Performance at the 2019 American Liszt Society Festival at Arizona State University, Tempe, AZ.

Joe Pollard

Professor, Biology

McCartha GL, Taylor CM, van der Ent A, Echevarria G, Navarrete Gutiérrez DM, Pollard AJ. 2019. Phylogenetic and geographic distribution of nickel hyperaccumulation in neotropical *Psychotria*. *Am J Bot.* 106(10):1377–1385.

van der Ent A, Echevarria G, Pollard AJ, Erskine PD. 2019. X-ray fluorescence ionomics of herbarium collections. *Sci Rep-UK.* 9:1-5. <https://doi.org/10.1038/s41598-019-40050-6>

* Denotes undergraduate student co-author



Q

Courtney Quinn

Adjunct Professor, Earth and Environmental Sciences

Quinn, C., Lippert, C.* and McLean, S.*, 2019. A Place-Based Investigation of the United Nations SDGs: Case Report on a Course Assignment for Undergraduate Sustainability Science Majors. *Sustainability: The Journal of Record*, 12(2), pp.124-128.

John Quinn

Associate Professor, Biology

Holt, E., Lombard, Q. K., Best, N., Smiley-Smith, S., & Quinn, J.E. (2019). Active and passive use of green space, health, and well-being amongst university students. *International Journal of Environmental Research and Public Health*, 16(3), 1-13. doi: 10.3390/ijerph16030424

Cohen, M., Quinn, J. E., Marshall, D., & Sharp, T. (2019). Sustainability assessment of a community open space vision. *Sustainability Science*, 14(6), 1565-1580. doi: 10.1007/s11625-019-00659-y

Oden AI, Brandle JR, Burbach ME, Brown MB, Gerber JE, Quinn JE. 2019. Soundscapes and anthromes: a review of proximate effects of traffic noise on avian vocalization and communication. Reference module in: Earth Systems and Environmental Sciences. <https://doi.org/10.1016/B978-0-12-409548-9.11999-2>

R

Nick Radel

Professor, English

Radel, Nick. "Nocturnes for the King of Naples." *Crashing Cathedrals: Edmund White by the Book*, edited by Tom Cardamone, Itna Press, 2019, 37-48.

Jason Rawlings

Associate Professor, Biology

Rawlings, JS. 2019. Primary literature in the undergraduate immunology curriculum: strategies, challenges, and opportunities. *Front Immunol*. 10:1-5.

Alison Roark

Associate Professor, Biology

Castleberry AM*, Roark AM. 2019. Genetic fingerprinting of *Exaiphtasia pallida* anemones via a modified amplified fragment length polymorphism (AFLP) method. *Bios*. 90:139-148.

* Denotes undergraduate student co-author

Eunice Rojas

Associate Professor, Modern Languages and Literatures

Rojas, Eunice. "A Transgendered Soundtrack of Resistance to Pinochet's Chile: Music and the Radio in Pedro Lemebel's *Tengo miedo torero*." *MIFLC Review*, vol. 19, 2019, pp. 1-15.

S

George Shields

Professor, Chemistry

López, J. C.; Pérez, C.; Blanco, S.; Shubert, V. A.; Temelso, B.; Shields, G. C.; Schnell, M. Water Induces the Same Crown Shapes as Li⁺ or Na⁺ in 15-Crown-5 Ether: A broadband Rotational Study. *Phys. Chem. Chem. Phys.* **2019**, 21, 2875-2881.

Ben Snyder

Associate Professor, Health Sciences

Snyder, B. J., Hutchinson, R. E., Mills, C. J., & Parsons, S. J. (2019). Effects of two competitive soccer matches on landing biomechanics in female Division I soccer players. *Sports*, 7(11), 1-13. doi: 10.3390/sports7110237

Michele Speitz

Associate Professor, English

Speitz, Michele. "Lyres, Levers, Boats, and Steam: Shelley's Dream of a Correspondent Machine." *Studies in Romanticism*, vol. 58, no. 2, 2019, pp. 231-264.

Speitz, Michele. "Affect and Air: The Speculative Spirit of the Age." *Romanticism and Speculative Realism*, edited by Anne C. McCarthy and Chris Washington, Bloomsbury Academic, 2019, 37-56.

T

Alfons Teipen

Professor, Religion

"Studying Islam and the ambivalence of the concept 'religion,'" in: *On Teaching Islamic Studies in the Age of ISIS, the Internet and Islamophobia*, Edited by Courtney M. Dorroll. (Bloomington: Indiana University Press, 2019) ISBN: 978-0-253-03979-8.

Troy Terry

Executive Director of Graduate Studies

Culclasure, B., Longest, K., & Terry, T. (2019). "Project-based Learning (PjBL) in three Southeastern Public Schools: Academic, Behavioral, and Social-Emotional Outcomes." *Journal of Problem Based Learning*, September 2019.



Paul Thomas

Professor, Education

Thomas, P.L. (2019). Teaching writing as journey, not destination: Essays exploring what “teaching writing” means. Charlotte, NC: Information Age Publishing.

Thomas, P.L. (2019). From Marvel’s Daredevil to Netflix’s Defenders: Is justice blind? In S. Eckard (ed.), *Comic connections: Building character and theme* (pp. 81-98). New York, NY: Rowman and Littlefield.

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Victoria Turgeon

Professor, Biology

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Danielle Vinson

Professor, Politics and International Affairs

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Paul Wagenknecht

Professor, Chemistry

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Erin Wamsley

Associate Professor, Psychology and Neuroscience

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John Wheeler

Associate Provost for Integrative Science, Chemistry

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Sandy Wheeler

Senior Research Associate and Lecturer, Chemistry

Thompson, B. L.; Samant, V. N.; Wei, X.; David, F. D. C.; Edmunds, C. E.; Wheeler, J. M.; Phillips, K. S.; Wheeler, J. F.; Wheeler, S. K. Analysis of polyhexamethylene biguanide and alexidine in contact lens solutions using capillary electrophoresis, ultra-performance liquid chromatography and quadrupole time of flight mass spectrometry. *Talanta*. **2019**, *205*, 1-8.

Claire Whitlinger

Assistant Professor, Sociology

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Wade Worthen

Professor, Biology

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* Denotes undergraduate student co-author



2019 EXTERNAL FACULTY RESEARCH GRANT AWARDS

George Shields (PI)

Professor, Chemistry

RUI: Thermodynamics of Nucleation: Atmospheric
Aerosols from Acids, Bases, and Peptides

\$333,358

2019-2022



Jeanine Stratton (CO-PI)

Associate Professor, Business and Accounting

Melanie Cozad (CO-PI)

Assistant Professor, Economics

Evaluating the Effectiveness of a Mobile Application
to Assist Patients in Communicating With Their
Rheumatologist and Managing Their Rheumatoid
Arthritis

\$5,000

2019-2020



Greg Springsteen (PI)

Professor, Chemistry

Mary Beth Daub (CO-PI)

Assistant Professor, Chemistry

Tim Hanks (CO-PI)

Professor and Chair, Chemistry

MRI: Acquisition of a 500 MHz Nuclear Magnetic
Resonance Spectrometer and Undergraduate
Research and Training

\$485,000

2019-2022



Erin Wamsley (PI)

Associate Professor, Psychology

Discrete States of Wakefulness in Human Subjects
and Their Relevance to Memory

\$527,551

2019-2022



2019 DEGREES & PROFESSIONAL QUALIFICATIONS

Brittany Arsiniega

Assistant Professor, Politics and International Affairs

PhD, Jurisprudence and Social Policy

University of California, Berkeley

Nader Hakim

Assistant Professor, Psychology

PhD, Psychology

University of Kansas

Marianne Bessy

Associate Professor, Modern Languages and Literatures

Oral Proficiency Interview Tester in French Certification and Norming

American Council on the Teaching of Foreign Languages (ACTFL)

Anne Culberson

Lecturer: German and French, Modern Languages and Literatures

Oral Proficiency Interview Tester of French

American Council on the Teaching of Foreign Languages (ACTFL)

Angelica Lozano-Alonso

Professor, Modern Languages and Literatures

Oral Proficiency Interviewer 2019 Norming

American Council on the Teaching of Foreign Languages (ACTFL)

Angelica Lozano-Alonso

Professor, Modern Languages and Literatures

Oral Proficiency Interview Tester with Full Certification in Spanish

American Council on the Teaching of Foreign Languages (ACTFL)



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