



*Faculty
Scholarship
Reception*

**James B. Duke Library
February 22, 2019**

Faculty Scholarship Reception

Sponsored by the Provost's Office and the Libraries

February 22, 2019 | 4:30 p.m. to 6:00 p.m.

Mix, Mingle, Browse

Welcome - 5:00 p.m.

Caroline Mills, Interim Director of Libraries

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.

Geoffrey Habron, Professor of Earth and Environmental Sciences
and Matt Cohen, Assistant Professor of Earth and Environmental Sciences

Scott Henderson, Professor of Education

Taha Kasim, Assistant Professor of Economics

Laura Leigh Morris, Assistant Professor of English

John Quinn, Associate Professor of Biology

Eunice Rojas, Associate Professor of Modern Languages and Literatures

Closing Remarks

George Shields, Vice President for Academic Affairs and Provost

Thanks to:

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

Christy Allen

Assistant Director Discovery Services, Libraries

Hare, S., Wright, A.M., Allen, C.E., Reed, J., & Clinkscales, G. (2018). Interinstitutional Collaborations to Forge Intracampus Connections: A Case Study from the Duke Endowment Libraries. In A. Wesolek, A. Langley, & J. Lashley (Eds.), *OER: A Field Guide for Academic Librarians* (pp. 309-331). Forest Grove, Oregon: Pacific University Press. Retrieved from URL: <http://www.lib.pacificu.edu/pup-oer/>

Gilbert Allen

Professor (emeritus), English

Archive: *South Carolina Poetry Since 2005*. Edited by Gilbert Allen, Jeffrey Makala, and William E. Rogers. Ninety-Six Press, Special Collections and Archives, James B. Duke Library, Furman University. 2018.

Karen Allen

Assistant Professor, Earth and Environmental Sciences

Allen, K. 2018. Why Exchange Values are Not Environmental Values: Explaining the Problem with Neoliberal Conservation. *Conservation and Society* 16(3) 243-256.

Allen, K. E., Quinn, C. E., English, C., & Quinn, J. E. (2018). Relational values in agroecosystem governance. *Current Opinion in Environmental Sustainability*.

Mary Elizabeth Anderson

Associate Professor, Chemistry

Comparison of Surface-Bound and Free-Standing Variations of HKUST-1 MOFs: Effect of Activation and Ammonia Exposure on Morphology, Crystallinity, and Composition, B. H. Bowser, L. J. Brower, M. L. Ohnsorg, L. K. Gentry, C. K. Beaudoin, and M. E. Anderson, *Nanomaterials*, 8, 650, 2018.

Observation of n-type behavior in Fe-doped tetrahedrite at low temperature, D. P. Weller, G. E. Kunkel, A. M. Ochs, D. T. Morelli, M. E. Anderson, *Materials Today Physics*, 7, 1, 2018.

Maegan Azar

Associate Professor, Theatre Arts

Azar, Maegan, director. *DADDY LONG LEGS*. Music & Lyrics by Paul Gordon, Book by John Caird, Performances by Patrick Fretwell & Anne Morgan, Furman University Theatre arts, 6-9 Sept. 2018, Greenville, South Carolina.

Azar, Maegan, director. *THE TIN WOMAN*. By Sean Grennan, Centre Stage South Carolina, 19-30 June 2018, Greenville, South Carolina.

Azar, Maegan, performance. *SWEAT*. By Lynn Nottage, directed by Martin Damien Wilkins, The Warehouse Theatre, 12-28 Oct. 2018, Greenville, South Carolina.

Karni Bhati

Associate Professor, English

Mary Adkins-Cartee and Karni Pal Bhati, "On the Path of Friendship." In Niharika Banerjea et al. eds. *Friendship as Social Justice Activism: Critical Solidarities in a Global Perspective*. London, New York, Calcutta: Seagull Books, 2018: 219-244.

Karni Pal Bhati, "The Disappearing Presence of an Intimate Stranger: Octavio Paz's Approach to India's Alterity." *Journal of Contemporary Thought*, 44: 113-120.

Kerstin Blomquist

Associate Professor, Psychology

Blomquist, K.K., Griffin, S., Hays, E.L. *, Schmalz, D.L., Sease, K., Reeves, C.B. (2018). Behavioral and psychological predictors of BMI reduction in children seeking treatment at a hospital clinic's family-based pediatric weight management program. *Journal of Childhood Obesity*, 3(2), 1-8.

Hopwood, C.J., Nye, C.D., Blomquist, K.K., & Grilo, C.M. (2018). Confirmatory validation and measurement equivalence of the Eating Loss of Control Scale in Binge Eating and Non-Clinical Samples. *Journal of Psychopathology and Behavioral Assessment*, 40, 476-483.

Kwan, M.Y., Haynos, A.F., Blomquist, K.K., & Roberto, C.A. (2018). Warning labels on fashion images: Short- and longer-term effects on body dissatisfaction, eating disorder symptoms and eating behavior. *International Journal of Eating Disorders*, 51, 1153-1161.

Stutts, L.A., & Blomquist, K.K. (2018). The moderating role of self-compassion on weight and shape concerns and eating pathology: A longitudinal study. *International Journal of Eating Disorders*, 51, 879-889.

Liz Bouzarth

Associate Professor, Mathematics

Elizabeth L. Bouzarth, Richard J. Forrester, Kevin R. Hutson, Rahul Isaac, James Midkiff, Danny Rivers, and Len Testa, "A Comparison of Algorithms for Finding an Efficient Theme Park Tour," *Journal of Applied Mathematics*, Volume 2018, Article ID 2453185, 14 pages, <https://doi.org/10.1155/2018/2453185>.

Omar Carmenates

Associate Professor, Music

Burtner, Matthew, and Omar Carmenates, John Quinn, Michele Spietz. "Avian Telemetry" (World Premiere Performance) *International Conference on Romanticism*, 25, Oct. 2018.

Tony Caterisano

Professor, Health Sciences

Caterisano A., R. Hutchison, C. Parker, S. James, and S. Opskar, "Improved functional power over a 5-week period: Comparison of combined weight-training to flexible barbell training," *Journal of Strength and Conditioning Research*, Vol. 32(8) 2018.

Srikrupa Chandrasekaran

Assistant Professor, Biology

Chandrasekaran, S. and L. Niedziela. 2018. No Matter If You're Black or White: Race and Skin Color Variation. National Center for Case Study Teaching in Science (NCCSTS).

http://sciencecases.lib.buffalo.edu/cs/collection/detail.asp?case_id=969&id=969.

Matt Cohen

Assistant Professor, Earth and Environmental Sciences

Cohen, M., Habron, G., (2018). How does the New Urban Agenda align with comprehensive planning in U.S. Cities? A case study of Asheville, North Carolina. *Sustainability*, 10, 4590.

Shaniece Criss

Assistant Professor, Health Sciences

Criss, Shaniece, Rachel E. Blaine, Megan Palami, Meghan Perkins, Kirsten Davison, Jo-Ann Kwass, Elsie M. Taveras, and MA-CORD Study Team. "Health Marketing for the Massachusetts Childhood Obesity Research Demonstration Study: A Case Study." *Health promotion practice* (2018): 1524839918760842.

Weston Dripps

Associate Professor, Earth and Environmental Sciences

*Bailey, Brooks; Dripps, Weston; and Muthukrishnan, Suresh (2018) "Spatial Analysis of Hydrological Productivity in Fractured Bedrock Terrains of the Piedmont of Northwestern South Carolina," *Journal of South Carolina Water Resources*: Vol. 5 : Iss. 1, Article 4. (* student co-author).

Adi Dubash

Assistant Professor, Biology

Desmoplakin maintains gap junctions by inhibiting Ras/MAPK and lysosomal degradation of connexin-43. Kam CY, Dubash AD, Magistrati E, Polo S, Satchell KJF, Sheikh F, Lampe PD, Green KJ. *J Cell Biol.* 2018 Sep 3; 217(9):3219-3235.

Timothy Fehler

Professor, History

Fehler, Timothy "Co-existence and Confessionalization: Emden's Topography of Religious Pluralism" in Marjorie Elizabeth Plummer and Victoria Christman (eds), *Topographies of Tolerance and Intolerance: Responses to Religious Pluralism in Reformation Europe*. Leiden: Brill, 2018: 78-105.

Fehler, Timothy, *Signs and Wonders in Britain's Age of Revolution: A Sourcebook*, edited with Abigail Hartman, London: Routledge, 2018.

Ron Friis

Professor, Modern Languages and Literatures

Ronald J. Friis with Maria Bartlett. "The Grand Illusion," "The Tree of Life," and "MidnightSun." Translations of poems by Alberto Blanco. *The Bhubaneswar Review: An Online Journal of Contemporary Literature*. June 2018. (<http://www.bhubaneswarreview.com/details/three-poems-in-english-and-spanish-of-alberto-blanco>).

"Geometry Lesson," translation of poem "Lección de geometría" by Alberto Blanco in *SEBASTIAN: HALF A CENTURY OF ARTISTIC CREATION*. Universidad Autónoma de México, 2017. page 311.

Philippe Giabbanelli

Assistant Professor, Computer Science

PJ Giabbanelli, VK Mago, El Papageorgiou (eds.). *Advanced Data Analytics in Health. Springer, series on Smart Innovation, Systems and Technologie*, volume 93, 2018.

Brian Goess

Associate Professor, Chemistry

Kearney, S. E.; Kahlami, G. Z.; Goess, B. C.; Guha, R.; Rohde, J. M.; et al. "Canvass: a crowd-sourced, natural product screening library for exploring biological space." *ACS Central Science* 2018, 4, 1727-1741. DOI: 10.1021/acscentsci.8b00747.

Roth, P. W.; Armaly, A. M.; McCraw, I.; Tryon, J. H.; Rudd, H. M.; Goess, B. C. "Total synthesis of (±)-hibiscone B and (±)-acyl hibiscone B." *Tetrahedron Letters* 2018, 59, 3586-3588.

Jim Guth

Professor, Politics and International Affairs

Guth, Jim, "Survey Research: Religion and Electoral Behavior in the United States, 1936-2016," in Akan Malici and Elizabeth S. Smith (eds.) *Political Science Research in Practice* (New York and London: Routledge), 117-136. (Co-author, Lyman A. Kellstedt).

Geoffrey Habron

Professor, Earth and Environmental Sciences

Cohen, M.; Habron, G. How Does the New Urban Agenda Align with Comprehensive Planning in U.S. Cities? A Case Study of Asheville, North Carolina. *Sustainability* 2018, 10, 4590.

Timothy Hanks

Professor and Chair, Chemistry

Building Soft Nanomachines from Polydiacetylene Liposomes. Hanks, T. W. *SC Acad. Sci.* 2018, 6, Article 2 (<https://scholarcommons.sc.edu/jscas/vol16/iss1/2>).

Incorporation of Gold Nanoparticles into the Bilayer of Polydiacetylene Unilamellar Vesicles. Tobias, A.; Rooke, W.; Hanks, T. W. *Colloid Polym. Sci.*, 2018. Online First DOI 10.1007/s00396-018-4441-5.

Surface Modification of Polyaniline Nanorods with Thiol-terminated Poly(ethylene oxide). DiTullio, B. T.; Wright, C. J.; Hays, P.; Molino, P. J.; Hanks, T. W. *Colloid Polym. Sci.*, 2018, 294, 637-645.

Lane Harris

Associate Professor, History

"Serving the National Interest: The Qiaopi Industry, the Chinese Post Office, and the Transnational Practices of the State, 1937-1945." In *The Qiaopi Trade and Transnational Networks in the Chinese Diaspora*, edited by Liu Hong, Gregor Benton, and Huimei Zhang, 87-109. New York: Routledge, 2018.

"Stumbling towards Empire: The Shanghai Local Post Office, the Transnational British Community, and Informal Empire in China, 1863-1897." *Journal of Imperial and Commonwealth History* 46: 2 (2018): 1-28.

The Peking Gazette: A Reader in Nineteenth-Century Chinese History. Leiden: Brill, 2018.

Scott Henderson

Professor, Education

"Campus Diversity, Title IX, and Evidentiary Standards," *The International Journal of Organizational Diversity* 18, no. 1 (2018), 13-22.

Michele Horhota

Associate Professor, Psychology

Horhota, M., Chasteen, A. L, & Crumley-Branyon, J. (2018). Is ageism acceptable when it comes from a familiar partner? *Journals of Gerontology: Psychological Sciences*. online first, DOI: 10.1093/geronb/gby066.

Kevin Hutson

Professor, Mathematics

Elizabeth L. Bouzarth, Richard J. Forrester, Kevin R. Hutson, Rahul Isaac, James Midkiff, Danny Rivers, and Len Testa, "Comparison of Algorithms for Finding an Efficient Theme Park Tour," *Journal of Applied Mathematics*, Volume 2018, Article ID 2453185, 14 pages, <https://doi.org/10.1155/2018/2453185>.

Brandon Inabinet

Associate Professor, Communication Studies

Allen, Deborah; Baker, Laura; Benson, T. Lloyd; Cosby, Teresa Nesbitt; Inabinet, Brandon; Jennings, Michael; Kubakundimana, Jonathan; Lightner, Shekinah; Makala, Jeffrey; McKelvey, Chelsea; Mix, Quincy; O'Neill, Stephen; Stuart, Forrest M.; Teye, Andrew; Thomas, Courtney; Tollison, Courtney; and Whitlinger, Claire. "Seeking Abraham: A Report of Furman University's Task Force on Slavery and Justice" (2018). The Task Force on Slavery and Justice, Furman University. <https://scholarexchange.furman.edu/records-taskforce-slavery/1>.

Simmons, J. Aaron and Brandon Inabinet. "Retooling the Discourse of Objectivity: Epistemic Postmodernism as Shared Public Life." *Public Culture* 30, no. 2 (2018): 221-243.

Taha Kasim

Assistant Professor, Economics

Banzhaf, H. Spencer and Taha Kasim. 2018. "Fuel Consumption and gasoline prices: the role of assortative matching between households and automobiles." *Journal of Environmental Economics and Management*.

Katherine Kaup

Professor, Asian Studies and Politics and International Affairs

Katherine Kaup, "Ethnic Studies Beyond Tibet and Xinjiang" in Weijing Wu and Mark W. Frazier (eds), *Sage Handbook of Contemporary China* (Sage, 2018), pp. 760-778. 8,361 words.

Katherine Kaup, "Field Research: Navigating Politically Sensitive Field Research in China" in *Political Science Research in Practice*. Akan Malici and Liz Smith (eds). 2nd ed. (New York: Routledge, 2018).

Katherine Kaup, "Controlling the Law: Legal Pluralism in China's South-West Minority Regions," *China Quarterly* (December 2018) Vol. 236, p1154-1174.

Sofia Kearns

Professor, Modern Languages and Literatures

Kearns, Sofía. "Convergencias feministas y de justicia social en dos generaciones de poetas guatemaltecas: Ana María Rodas y Rosa Chávez." *Agencia, historia y empoderamiento femenino*. Eds. Diane Marting, Eva Paris and Yamile Silva. Ministerio de la mujer, Crítica Dominicana Literaria sobre Escritoras Hispanoamericanas, 2018. pp. 237-54.

Mark Kilstofte

Professor, Music

Kilstofte, Mark. "Ballistic Etude 3.1" for chamber ensemble. Performed by Latitude 49 and presented by Ethos New Music Society. Fredonia, NY (01-30-18).

Kilstofte, Mark. "Ballistic Etude 3.1" for chamber ensemble. Performed by Rote Hund Muzik, Cynthia Johnston Turner, director. Athens, GA (10-30-18).

Kilstofte, Mark. "The White Album" for voice and chamber ensemble. Performed by soprano Jazmin Black Grollemund on The Furman Faculty Chamber Music Series. Greenville, SC (01-12-18).

Kilstofte, Mark. "The White Album" for voice and piano. Performed by Jacquelyn Stucker, soprano and Finnegan Downie Dear, piano. Sponsored by the Royal Opera House. London (03-26-18).

Kilstofte, Mark. "The White Album" for voice and piano. Performed by Priscilla Porterfield, mezzo-soprano and Bair Shagdaron, piano. Hayes School of Music. Boone, NC (04-24-18).

Kilstofte, Mark. Sonata for alto saxophone and piano. Performed by Andrew Hutchens, saxophone and Mengdi Li, piano at the University of South Carolina. Columbia, SC (03-26-18).

Stephanie Knouse

Associate Professor, Modern Languages and Literatures

Knouse, S. M. (2018). "High-impact practices in a Hispanic Linguistic course: Facilitating lessons about linguistic diversity and advocacy." In P. Garrett-Rucks & S. M. Johnson, *Dimension* (pp. 33-73). Valdosta, GA: SCOLT Publications.

Kyle Longest

Assistant Professor and Chair, Sociology

Longest, K. C., & Uecker, J. E. (2018). Beliefs about evolution and educational attainment. *Sociological Forum*, 33(4), 950-973.

Jeff Makala

Special Collections Librarian and University Archivist, Libraries

Gilbert Allen, Jeffrey Makala, and William Rogers, eds. *Archive: South Carolina Poetry Since 2005*. Greenville: Ninety-Six Press, 2018.

John A. McArthur

Associate Professor, Communication Studies

McArthur, J.A. (2018). Placemaking and the Vietnam Veterans Memorial: An Exploration in User-experience Design. In R.C. Aden (Ed.). *US Public Memory, Rhetoric, and the National Mall*. New York: Lexington Press.

Joseph Merry

Assistant Professor, Sociology

Kelly, Katie, Joseph J. Merry, and Madeline Gonzalez. 2018. "Trust, Collaboration, and Well-Being: Lessons Learned from Finland" *Southeast Regional Association of Teacher Educators (SRATE)* 27(2): 34-39.

Laura Leigh Morris

Assistant Professor, English

Jaws of Life: Stories, West Virginia University Press, March 2018.

Suresh Muthukrishnan

Associate Professor, Earth and Environmental Sciences

Bailey, B., Dripps, W., and Muthukrishnan, S., Spatial Analysis of Hydrological Productivity in Fractured Bedrock Terrains of the Piedmont of Northwestern South Carolina, *Journal of South Carolina Water Resources*, 5(1), 25-33, 2018.

Savita Nair

Associate Professor, Asian Studies and History

Nair, S. (2018). Despite dislocations: Uganda's Indians remaking home. *Africa*, 88(3), 492-517.
doi:10.1017/S0001972018000190.

Brent Nelsen

Professor, Politics and International Affairs

Amanda Michalski, Brent F. Nelsen and James L. Guth, "Explaining Policy Convergence in Europe: A Research Note," *Journal of Political Science*, 45 (2017): 75-92.

Joe Pollard

Professor, Biology

DeGroot KV, McCartha GL, Pollard AJ. 2018. Interactions of the manganese hyperaccumulator *Phytolacca americana* L. with soil pH and phosphate. *Ecological Research* 33(4): 749-755.

Adam Putnam

Assistant Professor, Psychology

Putnam, A. L., Ross, M. Q., Soter, L. K., Roediger, H. L., (2018). Collective narcissism: Americans exaggerate the role of their home state in appraising U.S. history. *Psychological Science*.

John Quinn

Associate Professor, Biology

Allen, K. Quinn, C., English, C., Quinn J.E. 2018. Relational Values in Agroecosystem Governance. *Current Opinion in Environmental Sustainability*. 35: 108-115.

Brown, M, Quinn, J.E. 2018. Zoning does not improve the availability of ecosystem services in urban watersheds. A case study from the Upstate of South Carolina USA. *Ecosystem Services*. 34 (B):254-265.

Quinn, J.E., A.J. Markey, D. Howard, S. Crummett, A. Schindler. 2018. Intersections of soundscapes and conservation: Ecologies of sound in nature cultures. *MUSICultures*.

Julian Reed

Professor, Health Sciences

Reed, J. A. (2018). *Activating the modern classroom*. Charlotte, North Carolina: Information Age Publishing.

Onarae Rice

Associate Professor, Psychology and Neuroscience

Selective dopamine D3 receptor antagonism significantly attenuates stress-induced immobility in a rat model of post-traumatic stress disorder. Rice OV, Ashby CR Jr, Dixon C, Laurenzo W, Hayden J, Song R, Li J, Tiwari AK, Gardner EL. *Synapse*. 2018 Aug; 72(8):e22035. doi: 10.1002/syn.22035. Epub 2018 Jun 7.

Alison Roark

Associate Professor, Biology

Edwards, T.M., H.E. Morgan, *C. Balasca, N.K. Chalasani, *L. Yam, and A.M. Roark. 2018. Detecting estrogenic ligands in personal care products using a yeast estrogen screen optimized for the undergraduate teaching laboratory. *Journal of Visualized Experiments (JoVE)* 131:e55754.

Eunice Rojas

Associate Professor, Modern Languages and Literatures

Rojas, Eunice. "Rapping for a Revolution: Latino Hip-Hop Artists and the 2016 Presidential Election." *You Shook Me All Campaign Long: Music in the 2016 Presidential Election and Beyond*, edited by Eric T. Kasper and Benjamin S. Schoening, University of North Texas Press, 2018, pp. 89-111.

George Shields

VP for Academic Affairs and Provost, Professor, Chemistry

Temelso, B.; Klein, K. L.; Mabey, J. W.; Perez, C.; Pate, B. H.; Kisiel, Z.; Shields, G. C. "Exploring the rich potential energy surface of (H₂O)₁₁ and its physical implications." *J. Chem. Theory Comput.* 2018, 14, 1141-1153.

Temelso, B.; Morrison, E. F.; Speer, D. L.; Cao, B. C.; Appiah-Padi, N.; Kim, G.; Shields, G. C. "Effect of mixing ammonia and alkylamines on sulfate aerosol formation." *J. Phys. Chem. A* 2018, 122, 1612-1622.

Lopez, J. C.; Perez, 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.

Rovnyak, D., & Shields, G. C. (2018). A roadmap to successful collaborations between primarily undergraduate institutions and research institutions. *Credit where credit is due: Respecting authorship and intellectual property* (pp. 105-127) American Chemical Society. doi:10.1021/bk-2018-1291.ch011 Retrieved from <https://doi.org/10.1021/bk-2018-1291.ch011>.

Liz Smith

Professor and Chair, Politics and International Affairs

Malici, Akan and Smith, Elizabeth S. (eds.) (2018). *Political Science Research Methods In Practice*. New York, NY: Routledge Press.

Greg Springsteen

Associate Professor, Chemistry

Springsteen, G.; Yerabolu, J. R.; Nelson, J.; Rhea, C. J.; Krishnamurthy, R. Linked Cycles of Oxidative Decarboxylation of Glyoxylate as Protometabolic Analogs of the Citric Acid Cycle. *Nat. Commun.* 9, 91, 2018.

Paul Thomas

Professor, Education

Goering, C., & Thomas, P.L., eds. (2018). *Critical media literacy and fake news in post-truth America*. Boston, MA: Brill.

Lindsay Turner

Assistant Professor, English

Adagio Ma Non Troppo. Los Angeles: Les Figs Press, 2018.

Lullaby & Labor: Alice Notley and the Work of Poetry, Contemporary Women's Writing, 2018.

Songs & Ballads. Brooklyn: Prelude Books, 2018.

Diane Vecchio

Professor and Chair, History

"Max Moses Heller: Patron Saint of Greenville's Renaissance," chapter published in *Doing Business in America. A Jewish History*, edited by Hasia R. Diner. Casden Institute for the Study of the Jewish Role in American Life Annual Review, Volume 16, Purdue University Press, 2018.

Vecchio, Diane. "The Scourge of the South: Pellagra and Poverty in Spartanburg's Mill Villages," *Recovering the Piedmont Past*, vol. 2, edited by Paul Grady and Andy Myers, University of South Carolina Press, Jan. 2019.

Paul Wagenknecht

Professor, Chemistry

Pienkos, J. A.; Webster, A. B.; Piechota, E. J.; Agakidou, A. D.; McMillen, C. D.; Pritchett, D. Y.; Meyer, G. J.; Wagenknecht, P. S. "Oxidatively stable ferrocenyl-pi-bridge-titanocene D-pi-A complexes: an electrochemical and spectroscopic investigation of the mixed valent state" *Dalton Trans.* 2018, 47, 10953-10964.

Erin Wamsley

Assistant Professor, Psychology

Humiston, G. B., & Wamsley, E. J. (2018). A Brief Period of Eyes-Closed Rest Enhances Motor Skill Consolidation. *Neurobiology of Learning and Memory*, 155, 1-6

Murphy, M., Stickgold, R., Parr, M. E., Callahan, C., & Wamsley, E. J. (2018). Recurrence of task-related electroencephalographic activity during post-training quiet rest and sleep. *Scientific Reports*, 8(1), 5398. <https://doi.org/10.1038/s41598-018-23590-1>.

Tim Wardle

Associate Professor, Religion

"Samaritans, Jews, and Christians: Multiple Partings and Multiple Ways," in *The Ways That Often Parted: Essays in Honor of Joel Marcus*. Edited by Lori Baron, Jill Hicks-Keeton, and Matthew Thiessen (Atlanta: Society of Biblical Literature, 2018): 15-39.

Wade Worthen

Professor, Biology

Worthen, W. B. 2018. Confirming the relationship between body size and perch height in tropical odonates (Odonata: Libellulidae): wet-season contrasts and experimental tests. *International Journal of Odonatology* DOI: 10.1080/13887890.2018.1536894.

Worthen, W. B. 2018. Differences in male-male tandem formation in two species of Micrathyria (Odonata: Libellulidae). *Notulae odonatologicae* 9(2) 2018: 60-66. DOI: 10.5281/zenodo.1481073.

Worthen, W. B., and L. Hoke. 2018. Pseudoreplication in species comparisons: do individual differences matter? *Notulae odonatologicae* 9(1) 2018: 18-25. DOI:10.5281/zenodo.1230421.

2018 External Faculty Research Grant Awards

CO-PI: Brannon Andersen

Professor and Chair, Earth and Environmental Sciences

Anaerobic Membrane Bioreactors as a Next-Generation Technology to Address the Food-Energy-Water Nexus

 **\$13,172**
2018-2020

PI: Anna Cass

Assistant Professor, Health Sciences

CO-PI: Jessie Wang

Assistant Professor, Economics

How are Patients' Experience of Care Associated with Delivery of Cancer Care and Patient Outcomes?

 GREENVILLE HEALTH SYSTEM
Health Sciences Center **\$19,080**


PI: Karen Buchmueller

Associate Professor, Chemistry

CO-PI: Nick Kuklinski

Assistant Professor, Chemistry

REU site: An undergraduate research incubator site at Furman University

 **\$339,939**

PI: Adi Dubash

Assistant Professor, Biology

ESC INBRE DRP Renewal 2018

 **\$71,950/yr**
South Carolina IDEA Networks of Biomedical Research Excellence

PI: Karen Buchmueller

Associate Professor, Chemistry

CO-PIs: Adi Dubash

Assistant Professor, Biology

John Wheeler

Professor, Chemistry

MRI: Acquisition of a Laser-Based Biomolecular Imager

 **\$156,858**

PI: Adi Dubash

Assistant Professor, Biology

SCICU 2018: Analysis of cardiac-specific mutations

 **\$2,464**
South Carolina INDEPENDENT COLLEGES & UNIVERSITIES
Commitment for Excellence

PI: Adi Dubash

Assistant Professor, Biology

SCICU 2018: Role of the Ras and Rho pathways

 **\$2,464**
South Carolina INDEPENDENT COLLEGES & UNIVERSITIES
Commitment for Excellence

PI: Karen Buchmueller

Associate Professor, Chemistry

Expanding the Reach of the REU Experience: The Chemistry REU Leadership Group

 **\$13,941**

CO-PIs: Melissa Fair

Community Action Director, Institute for the Advancement of Community Health

Eli Hestermann

Executive Director, Institute for the Advancement of Community Health

GHS Seed Grant: Diabetes

 GREENVILLE HEALTH SYSTEM
Health Sciences Center **\$20,500**

2018 External Faculty Research Grant Awards

CO-PI: Linnea Freeman

Assistant Professor, Biology

Intersection of epigenetic regulation and mitochondrial function in autism

 **\$68,730**
for 3 years

PI: Linnea Freeman

Assistant Professor, Biology

Sex Differences in Microgliosis: The Role of Gut Microbes

 **\$71,950/yr**

PI: Eli Hestermann

Executive Director, Institute for the Advancement of Community Health

CO-PI: Melissa Fair

Community Action Director, Institute for the Advancement of Community Health

Addressing Health-Harming Legal Barriers in the Senior Population of Greenville

 **\$592,486**
2018-2021

PI: Brandon Inabinet

Associate Professor, Communication Studies


CO-PIs: Claire Whitlinger

Assistant Professor, Sociology

Lloyd Benson

Professor, History

Slavery & Justice in the Liberal Arts

 **\$19,700**

CO-PIs: Stephanie Knouse

Associate Professor, Modern Languages and Literatures

Marianne Bessy

Associate Professor, Modern Languages and Literatures

Bridging the gap from K-12 to postsecondary: What L2 instructors of all levels need to know

 **\$2,000**
2017-2018

PI: Nick Kuklinski

Assistant Professor, Chemistry

The Effect of External Stimulation of Movement of Neurotransmitter Levels in the Cockroach

 **\$4,200**

PI: David Moffett

Professor and Chair, Physics

Space Grant Consortium Campus Director Award

  **\$1,500**

PI: Anita Nag

Visiting Assistant Professor, Chemistry and Biology

Use of proteomics and bioinformatics tool to study host shutoff by SARS coronavirus

 **\$10,000**

2018 External Faculty Research Grant Awards

PI: John Quinn

Associate Professor, Biology

CO-PIs: Matt Cohen

Assistant Professor, Earth and Environmental Sciences

Michelle Speitz

Associate Professor, English

Geoffrey Habron

Professor, Earth and Environmental Sciences

Karen Allen

Assistant Professor, Earth and Environmental Sciences

Aligning Boundary Objects in SES Teaching and Scholarship: Leveraging the Liberal Arts Model for Local and Global Sustainability



\$16,000

PI: John Quinn

Assistant Professor, Biology

Science, Society and the Archives



\$24,050
2018-2020

PI: John Quinn

Associate Professor, Biology

CO-PIs: Courtney Quinn

Adjunct Professor, Earth and Environmental Sciences

Brannon Andersen

Professor and Chair, Earth and Environmental Sciences

Improving silvopasture systems in the South: identification of suitable forage crops and enhancement of environmental quality in upland forests



\$4,400

PI: Jason Rawlings

Associate Professor, Biology

NASA Palmetto Academy 2018



\$18,000

PI: Jason Rawlings

Associate Professor, Biology

Evaluation of the biological activity of Hibiscone derivatives in T cells



\$3,200

PI: Onarae Rice

Associate Professor, Psychology and Neuroscience

CO-PI: Vidyaa Gudivada

Class of 2019

Can Brain Dopamine D3 Receptor Antagonists Decrease PTSD in Rodents?



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PI: Alison Roark

Associate Professor, Biology

Interspecific communication between anemones and their algal symbionts



\$71,950/year

PI: Greg Springsteen

Professor and Chair, Chemistry

Protometabolic Pathways Toward the Origin of Life



\$60,000
2018-2023

PI: Greg Springsteen

Professor and Chair, Chemistry

The Center for Chemical Evolution, an NSF Phase 3 Innovation Center



\$50,431

2018 External Faculty Research Grant Awards

PI: Andrea Tartaro

Associate Professor, Computer Science

CO-PI: Anvitha Sai Yalavarthy

Class of 2020

Social Psychological Theory and Participation of
Women in Computing: A Meta-Review



\$2,000

PI: Paul Wagenknect

Professor, Chemistry

CO-PIs: Karen Buchmueller

Associate Professor, Chemistry

Brian Goess

Associate Professor, Chemistry

Timothy Hanks

Professor and Chair, Chemistry

Jeff Petty

Professor, Chemistry

George Shields

Professor, Chemistry

Greg Springsteen

Associate Professor, Chemistry

John Wheeler

Professor, Chemistry

Beckman Scholars Program at Furman University



\$104,000
2018-2021

PI: Erin Wamsley

Associate Professor, Psychology

CO-PI: Megan Collins

Class of 2019

Effect of Meditation vs. Unconstrained Rest
on Memory Consolidation



\$2,520



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