

FACULTY SCHOLARSHIP RECEPTION

James B. Duke Library
February 23, 2018



FACULTY SCHOLARSHIP RECEPTION

Sponsored by the Provost's Office and the Libraries

February 23, 2018 | 4:30 p.m. to 6:00 p.m.

Mix, Mingle, Browse

4:30 p.m. – 5:30 p.m.

Welcome

Janis Bandelin, 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.

Omar Carmenates, Associate Professor, Music

Kevin Hutson, Professor, and Liz Bouzarth, Associate Professor, Mathematics

Amy Jonason, Assistant Professor, Sociology

Bill Pierce, Professor, and Scott Murr, Assistant Professor, Health Sciences

Greg Springsteen, Associate Professor, Chemistry

Closing Remarks

George Shields, Vice President for Academic Affairs and Provost

Thanks to:

Many thanks to the event organizers including Library faculty and staff, members of the Library Committee, Gayle Warth, Kathy Hamlin, and Kathie Sloan.

Gilbert Allen

Professor Emeritus, English

Allen, Gilbert. "Final Solutions." *Pembroke Magazine*, 2017, pp. 37-46.

Allen, Gilbert. "Dead Man's Curve." *Miramar*, 2017, pp. 134-35.

Karen Allen

Assistant Professor, Earth and Environmental Sciences

Allen, Karen E., and Steve Padgett Vásquez. "Forest Cover, Development, and Sustainability in Costa Rica: Can One Policy Fit all?" *Land use Policy*, vol. 67, no. 1, 2017, pp. 212.

Maegan Azar

Associate Professor, Theatre Arts

Azar, Maegan. ROMEO & JULIET. By William Shakespeare. Dir Maegan Azar and Thomas Azar. Furman University Theatre, Greenville, SC. April 2017. Performance.

Azar, Maegan. INTIMATE APPAREL. By Lynn Nottage. Dir Kerrie Brown Seymour. Centre Stage South Carolina, Greenville, SC. June 2017. Performance.

Azar, Maegan. OHELLO. By William Shakespeare. Dir Maegan Azar and Anne Kelly Tromsness. The Warehouse Theatre Educational Tour, Greenville, SC. July 2017. Performance.

Azar, Maegan. IF/THEN. By Tom Kitt and Brian Yorkey. Dir Maegan Azar. Furman University Theatre, Greenville, SC. November 2017. Performance.

Linda Bartlett

Professor and Chair, Modern Languages and Literatures

Bartlett, Linda. "Cars, Space, and the Dynamics of Power in 'Cuéntame Cómo Pasó' ('Tell Me how it Happened')." *Studies in Twentieth & Twenty-First Century Literature*, vol. 41, no. 1, 2017, <https://doi-org.libproxy.furman.edu/10.4148/2334-4415.1909>.

Marianne Bessy

Associate Professor, Modern Languages and Literatures

Bessy, Marianne. "Shattering the Myth of Perfection: 'Frenchwomen Know Best' Self-Help Literature in the American Classroom." *French Review: Journal of the American Association of Teachers of French*, vol. 91, no. 1, 2017, pp. 119-132, <http://search.ebscohost.com.libproxy.furman.edu/login.aspx?direct=true&db=mzh&AN=2017299052&site=ehost-live>.

Bessy, Marianne. "Afterword: Vassilis Alexakis and Mother Tongue." Translated by Harlan R. Patton. Autumn Hill Books, 2017.

Tami Blumenfield

Assistant Professor, Asian Studies

Blumenfield, Tami, Siobhan Mattison, and Mary K. Shenk. "Unequal Tourism Growth in an Alpine Lake Zone: Varied Responses in Na Communities." *China Policy Institute Analysis*, 2017, <https://cpianalysis.org/2017/11/17/unequal-tourism-growth-lakeside-villages-of-lugu-lake/>.

Tami Blumenfield, cont.

Mukhopadhyay, Carol C., and Tami Blumenfield. "Gender and Sexuality." *Perspectives: An Open Invitation to Cultural Anthropology*. Edited by Nina Brown, Laura Tubelle de González, and Thomas McIlwraith. American Anthropological Association, Arlington, VA, 2017.

Inabinet, Brandon, Tami Blumenfield, and Amanda Richey. "A Delicious Connection: Global Learning through Structured Multimedia Dialogue." *Council on Undergraduate Research Quarterly*, vol. 37, no. 3, 2017, pp. 4-10, <https://www.cur.org/download.aspx?id=3429>.

Liz Bouzarth

Associate Professor, Mathematics

Bouzarth, Elizabeth L., Richard Forrester, Kevin R. Hutson, and Lattie Reddoch. "Assigning Students to Schools to Minimize both Transportation Costs and Socioeconomic Variation between Schools." *Socio-Economic Planning Sciences*, 2017, <http://dx.doi.org/10.1016/j.seps.2017.09.001>.

Terri Bright

Associate Professor, Art

Bright, Terri. 91st *International Competition: Semifinalist Exhibition Participant*, vol. Photography, The Print Center, Philadelphia, PA, 2017.

Bright, Terri. *Allegany National Exhibition Participant*, vol. Photography, Allegany Arts Council, Cumberland, MD, 2017.

Bright, Terri. *Artists of the Upstate Exhibition Participant*, vol. Photography, Artisphere, Greenville, SC, 2017.

Bright, Terri. *Light and Shadow Exhibition Participant*, vol. Photography, Mildred Cox Gallery, William Woods University, Fulton, MO, 2017.

Bright, Terri. *Re-Vision: New Directions in Traditional Genres Exhibition Participant*, vol. Photography, Furman University, Greenville, SC, 2017.

Omar Carmenates

Associate Professor, Music

Carmenates, Omar, and Paul Halley. *Appalachian Morning*, TapSPACE Productions, Portland, Oregon, 2017.

Carmenates, Omar, et al. *Jettatura*, Promethean Editions, Wellington, New Zealand, 2017.

Jeremy Cass

Associate Academic Dean, Modern Languages and Literature

Cass, Jeremy L. "Memory, Displacement, and Reintegration in Alberto Fuguet's 'Santiago.'" *Hispanofila*, no. 179, 2017, pp. 173-186, <http://search.ebscohost.com.libproxy.furman.edu/login.aspx?direct=true&db=aph&AN=124428557&site=ehost-live>, doi:10.1353/hsf.2017.0016.

Matt Cohen

Assistant Professor, Earth and Environmental Sciences

Cohen, Matthew. "A Systematic Review of Urban Sustainability Assessment Literature." *Sustainability*, vol. 9, no. 11, 2017, pp. 1.

Cohen, Matthew, and Arnim Wiek. "Identifying Misalignments between Public Participation Process and Context in Urban Development." *Challenges in Sustainability*, vol. 5, no. 2, 2017, pp. 11-22, <https://doaj-org.libproxy.furman.edu/article/f51b836901194683b4de1051773bc79>, doi:10.12924/cis2017.05020011.

Shaniece Criss

Assistant Professor, Health Science

Blaine, R.E., R.L. Franckle, C. Ganter, J. Falbe, C. Giles, S. Criss, J.A. Kwass, T. Land, S. Gortmaker, E. Chuang, K. Davison, and MA-CORD Project Group. "Using School Staff Members to Implement a Childhood Obesity Prevention Intervention in Low-Income School Districts: The Massachusetts Childhood Obesity Research Demonstration (MA-CORD Project), 2012-2014." *Preventing Chronic Disease*, vol. 14, 2017, <http://dx.doi.org/10.5888/pcd14.160381>.

Carolyn Day

Associate Professor, History

Day, Carolyn. *Consumptive Chic: A History of Beauty, Fashion, and Disease*. Bloomsbury Academic, an imprint of Bloomsbury Publishing Plc, London; New York, 2017.

Day, Carolyn A. "Dying to be Beautiful: Fragile Fashionistas and Consumptive Dress in England, 1780-1820." *Journal for Eighteenth-Century Studies*, vol. 40, no. 4, 2017, pp. 603-620, <http://search.ebscohost.com.libproxy.furman.edu/login.aspx?direct=true&db=hia&AN=126113670&site=ehost-live>, doi:10.1111/1754-0208.12512.

Timothy Fehler

Professor, History

Fehler, Timothy. "Victims as Actors: Consistories." *Judging Faith, Punishing Sin: Inquisitions and Consistories in the Early Modern World*. Edited by Charles Parker, and Gretchen D. Starr-LeBeau. Cambridge University Press, Cambridge, United Kingdom, 2017.

Fehler, Timothy. "East Frisia," "Emden," "Emser, Jerome," and "Social Ministry." *Encyclopedia of Martin Luther and the Reformation*. Edited by Mark A. Lampert, vol. 1, pp. 220-222, 235-238, 239-240; vol. 2, pp. 716-717. Rowman & Littlefield, Lanham, Maryland, 2017.

Fehler, Timothy. "Creating Boundaries in Emden Germany: Confession, Language, Poor Relief and Spaces of the Dutch Reformed Refugees." *Early Modern Ethnic and Religious Communities in Exile*. Edited by Yosef Kaplan. Cambridge Scholars Publishing, Newcastle upon Tyne, 2017.

Alex Francis-Ratte

Assistant Professor, Asian Studies

Francis-Ratte, Alexander. "Lexical Recycling as a Lens Onto Shared Japano-Korean Agriculture." *Language Dispersal Beyond Farming*. Edited by Martine Robbeets, and Alexander Savelyev. John Benjamins Publishing Company, Amsterdam, 2017.

Ronald Friis

Professor, Modern Languages and Literature

Friis, Ronald. "The Next Course: The Slow Textbook. Rejoinder to 'The World is Not Flat so Why are our Textbooks?'" *Hispania*, vol. 100, no. 5, 2017, pp. 258-259.

Friis, Ronald. "La Trinidad Poéticas De Alberto Blanco. 'Este País: Tendencias Y Opiniones.'" *Cultura*, vol. 143, no. August, 2017, pp. 10-11.

Friis, Ronald. "Bridging Cultures: A Profile of Juan Gonzalez." *Town Magazine*, September, 2017, pp. 59-60.

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Brian Goess

Associate Professor, Chemistry

Besley, Caroline, D.P. Rhinehart, T. Ammons, B.C. Goess, and J. S. Rawlings. "Inhibition of Phosphatidylinositol-3-Kinase by the Furanosquiterpenoid Hibiscone C." *Bioorganic & Medicinal Chemistry Letters*, vol. 27, no. 14, 2017, pp. 3087-3091, <http://www.sciencedirect.com.libproxy.furman.edu/science/article/pii/S0960894X1730522X>, doi:10.1016/j.bmcl.2017.05.041.

Wang, Michael H., David Barsoum, C. Benjamin Schwamb, Daniel T. Cohen, Brian C. Goess, Matthias Riedrich, Audrey Chan, Brooks E. Maki, Rama K. Mishra, and Karl A. Scheidt. "Catalytic, Enantioselective Beta-Protonation through a Cooperative Activation Strategy." *Journal of Organic Chemistry*, vol. 82, no. 9, 2017, pp. 4689.

Goess, Brian C., and Andrea Tartaro. "Flipped Textbooks: Student-Created Online Wiki Textbooks for Intermediate and Advanced Chemistry Classes." *Online Approaches to Chemical Education*. Edited by Pia M. Sørensen, and Dorian A. Canelas. vol. 1261, American Chemical Society, Washington, DC, 2017.

Erik Grell

Assistant Professor, Modern Languages and Literatures

Girmes, Johannes. *Arms and Azaleas*. Translated by Erik Grell. Page Publishing, New York, 2017.

Jim Guth

Professor, Politics and International Affairs

Smith, Oran P., and James L. Guth. "South Carolina: Integration and Challenge?." *God at the Grassroots, 2016: The Christian Right in American Politics*. Edited by Mark J. Rozell, and Clyde Wilcox. Rowman & Littlefield, Lanham, Maryland, 2018.

Nelsen, Brent F., and James L. Guth. "European Union Or Kingdom of the Antichrist? Protestant Apocalyptic Narratives and European Unity." *National Identities*, vol. 19, no. 2, 2017, pp. 251-267, <http://search.ebscohost.com.libproxy.furman.edu/login.aspx?direct=true&db=aph&AN=123287325&site=ehost-live>, doi:10.1080/14608944.2016.1265492.

Geoffrey Habron

Professor, Earth and Environmental Sciences

Streamer Veneruso, Samantha, Elizabeth Black, Caryn Chaden, Geoffrey Habron, Kristyn Muller, Benjamin R. Stephens, Joan Monahan Watson, and Kathleen Blake Yancey. "Promoting Student Cognitive Development: Integrative Learning, Reflection, and Metacognition." *Field Guide to Eportfolio*. Edited by Trent Batson, et al. Association of American Colleges and Universities, Washington, DC, 2017.

Habron, Geoffrey. "Reflections on Curren and Metzger." *Ethics, Policy & Environment*, vol. 20, no. 3, 2017, pp. 259-262, <https://doi-org.libproxy.furman.edu/10.1080/21550085.2017.1374014>, doi:10.1080/21550085.2017.1374014.

Dennis Haney

Professor and Chair, Biology

Hurk, Peter, and Dennis Haney. "Biochemical Effects of Pollutant Exposure in Fish from Urban Creeks in Greenville, SC (USA)." *Environmental Monitoring and Assessment*, vol. 189, no. 5, 2017, pp. 1.

Van den Hurk, Peter, Lindsay E. Gerzel, Peter Calomiris, and Dennis C. Haney. "Phylogenetic Signals in Detoxification Pathways in Cyprinid and Centrarchid Species in Relation to Sensitivity to Environmental Pollutants." *Aquatic Toxicology*, vol. 188, no. 1, 2017, pp. 20.

Timothy Hanks

Professor, Chemistry

Zhang, Yueyuan, Julie Northcutt, Tim Hanks, Ian Miller, Bill Pennington, Raz Jelinek, Inyee Han, and Paul Dawson. "Polydiacetylene Sensor Interaction with Food Sanitizers and Surfactants." *Food Chemistry*, vol. 221, 2017, pp. 515-520, <http://www.sciencedirect.com.libproxy.furman.edu/science/article/pii/S0308814616315679>, doi:10.1016/j.foodchem.2016.09.168.

Lane Harris

Associate Professor, History

Luo, Zhitian a. *Shifts of Power: Modern Chinese Thought and Society*. Translated by Lane Harris. Brill, Boston, 2017.

Ainajushi, and Robert E. Hegel. "Jie Zhitui Sets Fire to His Jealous Wife" 介之推火封妒婦." Idle Talk Under the Bean Arbor: A Seventeenth-Century Chinese Story Collection. Translated by Lane Harris and Mei Chun. University of Washington Press, Seattle, 2017.

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Harris, Lane J. "Translations of the Peking Gazette Online." 2017, <http://primarysources.brillonline.com.libproxy.furman.edu/browse/the-peking-gazette>.

Scott Henderson

Professor, Education

Henderson, A. S. "Enhancing Cognition: Historical and Contemporary Debates." *US-China Education Review*, vol. 7, no. 6, 2017, pp. 274-283.

Jessica Hennessey

Associate Professor, Economics

Hennessey, Jessica L., and John J. Wallis. "Corporations and Organizations in the United States After 1840." *Corporations and American Democracy*. Harvard University Press, Cambridge, MA and London, England, 2017, <http://www.degruyter.com.libproxy.furman.edu/doi/10.4159/9780674977686-004>, doi:10.4159/9780674977686-004.

Kevin Hutson

Professor, Mathematics

Bouzarth, Elizabeth L., Richard Forrester, Kevin R. Hutson, and Lattie Reddoch. "Assigning Students to Schools to Minimize both Transportation Costs and Socioeconomic Variation between Schools." *Socio-Economic Planning Sciences*, 2017, <http://dx.doi.org/10.1016/j.seps.2017.09.001>.

Brandon Inabinet

Associate Professor, Communication Studies

Inabinet, Brandon, Tami Blumenfield, and Amanda Richey. "A Delicious Connection: Global Learning through Structured Multimedia Dialogue." *Council on Undergraduate Research Quarterly*, vol. 37, no. 3, 2017, pp. 4-10, <https://www.cur.org/download.aspx?id=3429>.

Michael Jennings

Chief Diversity Officer, Education

Hartlep, Nicholas D., Brandon O. Hensley, and Carmella J. Braniger. Edited by Michael E. Jennings et al. *Critical Storytelling in Uncritical Times: Undergraduates Share their Stories in Higher Education*. Sense Publishers, Rotterdam, 2017.

Amy Jonason

Assistant Professor, Sociology

Jonason, Amy. *The Promises and Pitfalls of Alternative Food Institutions: Impacts on and Barriers to Engagement with Low-Income Persons in the United States and Canada*. vol. 18, Emerald Group Publishing Limited, Bingley, United Kingdom Bingley, Bingley, 2017, *Sociological Abstracts*, <https://search-proquest-com.libproxy.furman.edu/docview/1977789694?accountid=11012>, doi://dx.doi.org.libproxy.furman.edu/10.1108/S1057-629020170000018007.

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Amy Jonason, cont.

McDonnell, Terence E., Amy Jonason, and Kari Christoffersen. *Seeing Red and Wearing Pink: Trajectories of Cultural Power in the AIDS and Breast Cancer Ribbons*. vol. 60, , 2017, <http://www.sciencedirect.com.libproxy.furman.edu/science/article/pii/S0304422X15300449>, doi://doi-org.libproxy.furman.edu/10.1016/j.poetic.2016.10.005.

Sofía Kearns

Professor, Modern Languages and Literatures

Kearns, Sofía. "La Compaginación De Identidades Étnicas Y Femeninas En La Poesía Indígena De Liliana Ancalao Y Rosa Chávez." *Ciberletras*, vol. 38, 2017, <http://www.lehman.cuny.edu.libproxy.furman.edu/ciberletras/v38/kearnss.htm>.

Katherine Kelly

Associate Professor, Education

Siefert, B., K. Kelly, and M. Payne. "Critical Literacy: A Culturally Relevant Framework for Meeting the Needs of English Learners." *South Carolina Association for Middle Level Education Journal*, 2017, pp. 18-24, <http://www.scamle.org/publications.html>.

Mark Kilstofte

Professor, Music

Kilstofte, Mark. *The White Album*. Greenville, SC: Newmatic Press, 2017.

The White Album, conducted by Mark Kilstofte and performed by the Furman Music Faculty, Daniel Recital Hall, Greenville, SC, January 12, 2018.

The White Album, composed by Mark Kilstofte and performed by the University of Texas New Music Ensemble, November 1, 2017.

Caritas, composed by Mark Kilstofte and performed by Vocal Arts Ensemble of Durham, June 18, 2017.

The White Album, composed by Mark Kilstofte and performed by TEMPO New Music Ensemble, conducted by Glenn Prices, October 8, 2017.

The White Album, composed by Mark Kilstofte and performed by Musiq.

Ballistic Etude 3.1, composed by Mark Kilstofte and performed at the 38th Annual Bowling Green New Music Festival, October 20, 2017.

Ballistic Etude 3.1, composed by Mark Kilstofte and performed by the Indiana University New Music Ensemble, directed by David Dzubay, February 2, 2017.

The White Album, composed by Mark Kilstofte and performed by Music from Copland House, directed by Michael Boriskin, October 29, 2017.

The White Album and *Ballistic Etude 3.1*, composed by Mark Kilstofte and performed by University of Chicago New Music Ensemble, directed by Barbara Schubert, February 5, 2017.

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Harry Kuoshu

Professor, Asian Studies

Kuoshu, Harry. "The Neo-Noir Crazy Stone Phenomenon." *Theoretical Studies in Literature and Art*, vol. 37, no. 2, 2017, pp. 102-117.

George Lipscomb

Professor, Education

Lipscomb, George S. "Lady Liberty: A Biography." *Notable Books, Notable Lessons: Putting Social Studies Back in the K-8 Curriculum*. Edited by Andrea S. Libresco, Jeannette Balantic, and Mary Battenfeld. ABC-CLIO, LLC, 2017.

Kyle Longest

Associate Professor and Chair, Sociology

Longest, Kyle C., and Jeremy E. Uecker. "Moral Communities and Sex: The Religious Influence on Young Adult Sexual Behavior and Regret." *Sociological Perspectives*, 2017, <https://doi-org.libproxy.furman.edu/10.1177/0731121417730015>, doi:10.1177/0731121417730015.

Angélica Lozano-Alonso

Professor, Modern Languages and Literature

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Jeffrey Makala

Special Collections Librarian and University Archivist, Libraries

Makala, Jeffrey. "The South Carolina Poetry Archives: A Case Study in Collection Development, Outreach, and Collaborative Growth." *Library Partnerships with Writers and Poets: Case Studies*. Edited by Carol Smallwood, and Vera Gubnitskaia. MacFarland & Company, Jefferson, NC, 2017.

Akan Malici

Professor, Politics and International Affairs

Malici, Akan. "Operational Codes and Foreign Policy Belief Systems." *Oxford Research Encyclopedia of Politics*. Oxford University Press, New York, 2017.

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Lourdes Manyé

Professor, Modern Languages and Literatures

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Joseph Merry

Assistant Professor, Sociology

Yoon, Aimee J., and Joseph J. Merry. "Understanding the Role of Schools in the Asian-White Gap: A Seasonal Comparison Approach." *Race Ethnicity and Education*, 2017, pp. 1-21, <https://doi-org.libproxy.furman.edu/10.1080/13613324.2017.1365053>, doi:10.1080/13613324.2017.1365053.

Scott Murr

Assistant Professor, Health Sciences

Pierce, Bill, and Scott Murr. *Runner's World Train Smart, Run Forever: How to Become a Fit and Healthy Lifelong Runner by Following the Innovative 7-Hour Workout Week*. Rodale, [Emmaus, PA], 2017.

Anita Nag

Assistant Professor, Biology

Mateeva, Nelly, Suresh V.K. Eyunni, Kinfe K. Redda, Ucheze Ononuju, Tony D. Hansberry, Cecilia Aikens, and Anita Nag. "Functional Evaluation of Synthetic Flavonoids and Chalcones for Potential Antiviral and Anticancer Properties." *Bioorganic & Medicinal Chemistry Letters*, vol. 27, no. 11, 2017, pp. 2350.

Brent Nelsen

Professor, Politics and International Affairs

Nelsen, Brent F., and James L. Guth. "European Union Or Kingdom of the Antichrist? Protestant Apocalyptic Narratives and European Unity." *National Identities*, vol. 19, no. 2, 2017, pp. 251-267, <http://search.ebscohost.com.libproxy.furman.edu/login.aspx?direct=true&db=aph&AN=123287325&site=ehost-live>, doi:10.1080/14608944.2016.1265492.

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Matt Olson

Professor, Music

Olson, Matt, and Unhinged Sextet. "Don't Blink." Compact Disc, OA2 Records, 2017.

Buket Oztas

Assistant Professor, Politics and International Affairs

Kreppel, Amie, and Buket Oztas. "Leading the Band Or just Playing the Tune? Reassessing the Agenda-Setting Powers of the European Commission." *Comparative Political Studies*, vol. 50, no. 8, 2017, pp. 1118.

Jeff Petty

Professor, Chemistry

Petty, Jeffrey T., Mainak Ganguly, Ian J. Rankine, Daniel M. Chevrier, and Peng Zhang. "A DNA-Encapsulated and Fluorescent Ag106+ Cluster with a Distinct Metal-Like Core." *The Journal of Physical Chemistry C*, vol. 121, no. 27, 2017, pp. 14936-14945, <https://doi-org.libproxy.furman.edu/10.1021/acs.jpcc.7b04506>, doi:10.1021/acs.jpcc.7b04506.

Bill Pierce

Professor, Health Sciences

Pierce, Bill, and Scott Murr. *Runner's World Train Smart, Run Forever: How to Become a Fit and Healthy Lifelong Runner by Following the Innovative 7-Hour Workout Week*. Rodale, [Emmaus, PA], 2017.

Joe Pollard

Professor, Biology

Sobczyk, M. K., J.A.C. Smith, A.J. Pollard, and D.A. Filatov. "Evolution of Nickel Hyperaccumulation and Serpentine Adaptation in the *Alyssum Serpyllifolium* Species Complex." *Heredity*, vol. 118, no. 1, 2017, pp. 31.

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Jeanne Provost

Associate Professor, English

Provost, Jeanne. "Vital Property in 'The Wife of Bath's Prologue and Tale.'" *Studies in the Age of Chaucer*, vol. 38, 2016, pp. 39-74, doi:10.1353/sac.2016.0001.

Courtney Quinn

Adjunct Professor, Earth and Environmental Sciences

Wheeler, Hannah, and Courtney Quinn. "Can Facebook Aid Sustainability? an Investigation of Empathy Expression within the Humans of New York Blog." *Sustainability*, vol. 9, no. 6, 2017, pp. 1.

John Quinn

Assistant Professor, Biology

Gibson, Dainee, and John Quinn. "Application of Anthromes to Frame Scenario Planning for Landscape-Scale Conservation Decision Making." *Land*, vol. 6, no. 2, 2017, pp. 33.

Hager, Stephen B., et al. "Continent-Wide Analysis of how Urbanization Affects Bird-Window Collision Mortality in North America." *Biological Conservation*, vol. 212, no. Part A, 2017, pp. 209-215, <http://www.sciencedirect.com.libproxy.furman.edu/science/article/pii/S0006320717306316>, doi:10.1016/j.biocon.2017.06.014.

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Douglas Rall

Professor, Mathematics

Brešar, Boštjan, S. Klavžar, D.F. Rall, and K. Wash. "Packing Chromatic Number Under Local Changes in a Graph." *Discrete Mathematics*, vol. 340, no. 5, 2017, pp. 1110-1115.

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Jason Rawlings

Associate Professor, Biology

Besley, Caroline, D.P. Rhinehart, T. Ammons, B.C. Goess, and J. S. Rawlings. "Inhibition of Phosphatidylinositol-3-Kinase by the Furanosquiterpenoid Hibiscone C." *Bioorganic & Medicinal Chemistry Letters*, vol. 27, no. 14, 2017, pp. 3087-3091, <http://www.sciencedirect.com.libproxy.furman.edu/science/article/pii/S0960894X1730522X>, doi:10.1016/j.bmcl.2017.05.041.

Rawlings, J. S. "Roles of SMC Complexes during T Lymphocyte Development and Function." *Advances in Protein Chemistry and Structural Biology*. Edited by Rossen Donev. vol. 106, Academic Press, Cambridge, MA, 2017.

Julian Reed

Professor, Health Sciences

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Associate Professor, Biology

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Lynne Shackelford

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George Shields

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Bobbi Siefert

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Liz Smith

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Ben Snyder

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Greg Springsteen

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Cinnamon Stetler

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Berhane Temelso

Research Scientist, Chemistry

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Paul Thomas

Professor, Education

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Danielle Vinson

Professor, Politics and International Affairs

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Paul Wagenknecht

Professor and Chair, Chemistry

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Erin Wamsley

Assistant Professor, Psychology

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Tim Wardle

Associate Professor, Religion

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Sarah Worth

Professor and Chair, Philosophy

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Wade Worthen

Professor, Biology

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Andrea Wright

Outreach Services Librarian for Science, Libraries

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Sabbatical Showcase

John Barrington

Professor, History

The History of the Welsh Neck Baptist Church, 1738-1798. Spring Semester 2017.

My project explores the history of an influential South Carolina Baptist community, one with close ties to Richard Furman. Among the topics examined is the impact of the Revolution on Baptist attitudes towards slavery: the Welsh Neck Church became a mixed-race church during the course of the war and remained so afterwards. My research was conducted with the assistance of Furman History Major Jasmine Hwang (2014) and the manuscript has been accepted for publication by Mercer University Press.

Christopher Blackwell

Professor, Classics

Architecture for Textual Analysis of Formulaic Language in the Homeric Iliad. September, 2016 – August, 2017.

This year continued a long-term study of the language of Greek Epic poetry. This study requires software tools, and well-understood data models. This year I refined those data models and wrote software libraries for working with textual data and other kinds of data. These serve my project, but are totally generic. I will demonstrate one web-based, generic software tool for browsing and analyzing multilingual texts that emerged from this year's work.

Liz Bouzarth

Associate Professor, Mathematics

Exploring Data Analytics and Visualization in Sports and other Applications. Fall 2017.

I spent my sabbatical time exploring data analytics and visualization while extending ideas in social network analysis to sports analytics. I attended conferences in sports analytics and data visualization, collaborated with Furman colleagues, students, and outside collaborators, and worked on writing our multi-phase project for an academic audience (rather than a sports entertainment audience). I also submitted a paper on a different project in computational fluid dynamics inspired by biology.

Sarah Frick

Associate Professor, Mathematics

Odometers, Generalized Substitutions, and Bratteli-Vershik systems. Spring 2017.

A dynamical system can be thought of a space that is evolving. For an odometer the space is infinite sequences and the evolution is defined by addition. For a substitution the space is also infinite sequences, but the evolution is defined by shifting the sequence. For a B-V system, the space is infinite paths on a graph and evolution is moving between paths. We show how in a particular sense these three seemingly different systems are all different presentations of the same dynamical system.

Margaret Oakes

Professor, English

"Can You Hear Me Now?": Preaching to the Masses in Early Modern London. Fall 2017.

My sabbatical initiated as a study of the variations in the construction of John Donne's sermons between preaching in an indoor venue such as Lincoln's Inn and outside to a crowd of up to 3,000 at St. Paul's Cross, just outside the cathedral. However, it morphed into a study of the peculiarities of an individual sermon which Donne was forced to preach, apparently on very short notice, to promote an unpopular policy of King James.

Jason Rawlings

Associate Professor, Biology

Inhibition of PI3K by Hibiscone C. Spring 2017.

*I published two papers as corresponding author: a book chapter in *Advances in Protein Chemistry and Structural Biology* and a manuscript featuring 3 Furman student coauthors in collaboration with Brian Goess (Chemistry) in *Bioorganic and Medicinal Chemistry Letters*. I wrote a competitive renewal for a National Institutes of Health INBRE DRP grant that extended funding for a total of \$228,801 over 3 years, the first time this type of grant has been successfully renewed in South Carolina. Finally, I submitted a National Institutes of Health R15 AREA grant that if funded, will provide nearly \$400,000 in total costs over 3 years.*



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*Adapted from Molly Keener's *Open Access Research Guide* from Wake Forest University's Z. Smith Reynolds Library.



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