



Faculty Scholarship Reception

February 11, 2022 | James B. Duke Library

Faculty Scholarship Reception

Sponsored by the Provost's Office and the Libraries

February 11, 2022 | 4:30 p.m. to 6:00 p.m.

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WELCOME - 5:00 p.m.

Caroline Mills, 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.

Adi Dubash, Assistant Professor of Biology

Alyson Farzad-Phillips, Assistant Professor of Communication Studies

Veronica Flores, Assistant Professor of Psychology and Neuroscience

Alexander Francis-Ratte, Assistant Professor of Asian Studies

Gerry Wubben, Adjunct Professor of Art

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.



Christy Allen

Associate Librarian, University Libraries

Allen, Christy (2020) "How I Hired My Own Boss: Tips for Running an Inclusive Search," *South Carolina Libraries*: Vol. 4 : Iss. 1 , Article 17. DOI: <https://doi.org/10.51221/sc.scl.2020.4.1.6> Available at: https://scholarcommons.sc.edu/scl_journal/vol4/iss1/17

Gilbert Allen

Bennette E. Geer Professor of Literature Emeritus, English

The Beasts of Belladonna (Slant, 2020)

Believing in Two Bodies (Kelsay, 2020)

Karen Allen

Assistant Professor, Earth, Environmental, and Sustainability Sciences

Allen, Karen E., Celia Castellano, and Sophia Pessagno. 2021. Using dialogue to contextualize culture, ecosystem services, and cultural ecosystem services. *Ecology & Society*. 26(2): 7.

Quinn, John E., & Allen, Karen E. 2021. Governance, Values, and Conservation Processes in Multifunctional Landscapes. *Land*, 10(5), 478.

Chris Alvin

Associate Professor, Computer Science

Ho, V. M., Alvin, C., Mukhopadhyay, S., Peterson, B., & Lawson, J. D. (2020, October). Empirical abstraction. In *International Conference on Runtime Verification* (pp. 259-278). Springer, Cham.

Lori Alvin

Associate Professor, Mathematics

L. Alvin and J. Kelly, Topological Entropy of Markov set-valued Functions, *Ergodic Theory and Dynamical Systems*, 41 (2021), no. 2, 321-337.

Mary Elizabeth Anderson

Associate Professor, Chemistry

"Synthetic Versatility, Reaction Pathway, and Thermal Stability of Tetrahedrite Nanoparticles," C.D. Fasana,* M.S. Jensen,* G.E. García Ponte,* T.R. MacAlister,* G.E. Kunkel,* J.P. Rogers,* A.M. Ochs,* D.L. Stevens,* D.P. Weller, D.T. Morelli, M. E. Anderson, *Journal of Materials Chemistry C*, 8, 14219, 2020.

"The Primarily Undergraduate Nanomaterials Cooperative: A New Model for Supporting Collaborative Research at Small Institutions on a National Scale," S. M. Hughes et al., *ACS Nanosci.* Au 2021, 1, 6-14.

* Denotes undergraduate student co-author

Sarah Archino

Associate Professor, Art

Sarah Archino. "An Interdisciplinary Approach to Cultivating Visual Literacy," in *Redefining Liberal Arts Education in the 21st Century*. Jackson: University Press of Mississippi, 2021.

Sarah Archino. "Made/Remade: The Boîte-en-Valise as Incomplete and Infinite Archive," in *Marcel Duchamp: Inventing the Present*, Gerhard Graulich and Kornelia Röder, eds. (Scherwin, Germany: Staatliches Museum Schwerin, 2020).

Sarah Archino. "Reframing the Arts within the Liberal Arts Community: Teaching an Arts Entrepreneurial Mindset to Achieve Transdisciplinary Outcomes," *Artivate: A Journal of Entrepreneurship in the Arts* (2021). With Marta Lanier and Ross McClain

Sarah Archino. "Addressing Visual Literacy in the Survey: Balancing Transdisciplinary Competencies and Course Content," *Art History Pedagogy and Practice* (2020).



Linda Bartlett

Professor, Modern Languages and Literatures

"Cinematic Intertextuality and Self-Reflexivity in El Ministerio del Tiempo." Chapter in the edited volume *Crear entre mundos: nuevas tendencias en la metaficción española*, Editorial Albatros, 2021, pp. 69-90.

Marianne Bessy

Professor, Modern Languages and Literatures

Knouse, Stephanie M., Marianne Bessy, and Kyle C. Longest. "Knowing who we teach: Tracking attitudes and expectations of first-year postsecondary language learners." *Foreign Language Annals*, 2021, pp. 1-23.

Bessy, Marianne and Stephanie M. Knouse. "Metacognition, metalinguistic awareness, and relevance in language learning: A report on an intervention module project." *International Journal for the Scholarship of Teaching and Learning*, vol. 14, no. 2, 2020.

Bessy, Marianne, and Mary Sloan Morris.* "Representing the Twenty-First Century Migrant Experience: Adam and Fleutiaux's Problematic Empathy." *Alternative Francophone*, vol. 2, no. 6, 2020, pp. 65-88.

Bessy, Marianne. "Rethinking the Teaching of Culture at the Beginning Level: The Online Francophone Cultures Portfolio Project." *The French Review: Journal of the American Association of Teachers of French*, vol. 93, no. 3, 2020, pp. 66-87.

Bessy, Marianne. "Le Paris souterrain de Vassilis Alexakis dans L'Enfant grec: catabase funeste ou lieu de renaissance?" *Dalhousie French Studies*, no. 116, 2020, pp. 113-25.

Kerstin K. Blomquist

Associate Professor, Psychology

Mitchell, L.,* MacArthur, H. J., & Blomquist, K. K. (2021). The effect of misgendering on body dissatisfaction and dietary restraint in transgender individuals: Testing a Misgendering-Congruence Process. *International Journal of Eating Disorders*, 1-7. <https://doi.org/10.1002/eat.23537>

Hirsch, K.* & Blomquist, K.K. (2020). Community-based treatments to prevent disordered eating and obesity. *Current Obesity Reports*, 9, 81-97. <https://doi.org/10.1007/s13679-020-00373-2>

Blomquist, K.K., Hirsch, K.,* Lomas, E.,* Montgomery, K.,* & Becker C.B. (2021). Dissemination of a dissonance-based body image program in church settings: A preliminary controlled pilot study with adult women. *Body Image*, 36, 263-268. <https://doi.org/10.1016/j.bodyim.2020.12.006>

Sahlan, R.N., Saunders, J. F., Perez, M., Blomquist, K. K., Fitzsimmons-Craft, E.E. & Bodell, L. P. (2021a). The validation of a Farsi version of the Clinical Impairment Assessment (F-CIA) among Iranian adolescent boys and girls. *Eating and Weight Disorders-Studies of Anorexia, Bulimia, and Obesity*, 1-10. <https://doi.org/10.1007/s40519-021-01204-6>

Sahlan, R.N., Saunders, J. F., Perez, M., Blomquist, K. K., Fitzsimmons-Craft, E.E., & Bodell, L. P. (2021b). The validation of a Farsi version of the Loss of Control over Eating Scale (F-LOCES) among Iranian adolescent boys and girls. *Eating Behaviors*, 41. <https://doi.org/10.1016/j.eatbeh.2021.101502>

Blomquist, K.K., Schmalz, D.L., Pate, S.P.,* & Willmerdinger, A.* (2020). What happens when you compare yourself to a model eating a cheeseburger? An experiment testing the impact of models promoting calorie-dense foods on beliefs about weight maintenance, body satisfaction, and purchase intent. *Journal of Eating Disorders*, 8(1), 1-9.

Stutts, L.A. & Blomquist, K. K. (2020). A Longitudinal Study of Weight and Shape Concerns and Disordered Eating Groups and Their Relationship to Self-Control. *Eating and Weight Disorders-Studies of Anorexia, Bulimia, and Obesity*, 1-11. <https://doi.org/10.1007/s40519-020-00844-4>

Liz Bouzarth

Associate Professor, Mathematics

E. Bouzarth, B. Grannan, J. Harris, A. Hartley, K. Hutson, and E. Morton. "Swing Shift: A Mathematical Approach to Defensive Positioning in Baseball" *Journal of Quantitative Analysis in Sports*, vol. 17, no. 1, 2021, pp. 47-55. <https://doi.org/10.1515/jqas-2020-0027>

E.L. Bouzarth, A.W. Cromer, J. Fravel, B.C. Grannan, and K.R. Hutson. "Dynamically Scheduling NFL Games to Reduce Strength of Schedule Variability," *Journal of Sports Analytics*, 6(4), 2020, 281-293

Bouzarth (continued)

E.L. Bouzarth, B.C. Grannan, J.M. Harris, K.R. Hutson (2021) Scheduling the Valley Baseball League. *INFORMS Journal on Applied Analytics*. <https://doi.org/10.1287/inte.2021.1076>

Bouzarth, E. L., Hutson, K. R., Miller, Z. L., & Saine, M.E. (2020). Using regularized singularities to model Stokes flow: A study of fluid dynamics induced by metachronal ciliary waves. In H. C. Highlander, A. Capaldi, & C. D. Eaton (Eds.), *An introduction to undergraduate research in computational and mathematical biology: From birdsongs to viscosities* (pp. 443-469). Foundations for Undergraduate Research in Mathematics. https://doi.org/10.1007/978-3-030-33645-5_10

E.L. Bouzarth, B.C. Grannan, J.M. Harris, K.R. Hutson, and P.J. Keating. (2021) "Storying Telling with Sports Analytics." *Emerging Optimization Methods and Modeling Techniques with Applications*. INFORMS TutORials in Operations Research. 38-61. <https://doi.org/10.1287/educ.2021.0230>

Diane Boyd

Associate Professor, Faculty Development Center

Caldwell-O'Keefe, J. R., Boyd, D. E., Ashe, D., Bach, D., & Diede, M. (2020). Turning off the Firehose and Fostering Community for the New Professoriate: Five Institutional Perspectives on New Faculty Orientation. *The Journal of Faculty Development*, 34(2), 59-66.

McMillian, L. R., Johnson, T., Parker, F., Hunt, C. W., & Boyd, D. E. (2020). Improving Student Learning Outcomes through a Collaborative Higher Education Partnership. *International Journal of Teaching and Learning in Higher Education*, 32(1), 117-124.

Boyd, D. E., Andersen, K., Ludwig, L., & Jaspersen, A. E. (2021). "Designing into the unknown": Harnessing the promise of flexible course design. *Change: The Magazine of Higher Learning*, 53(5), 33-40. <https://doi.org/10.1080/00091383.2021.1963153>

Pontari, B., Ching, E., Klonis, S., & Boyd, D. (2021). Leveling Up an Award-Winning Undergraduate Research Program: A Case Study From Furman University. *Journal of the Scholarship of Teaching and Learning*, 21(1).

Gatlin, A. R., Kuhn, W., Boyd, D., Doukopoulos, L., & McCall, C. P. (2021). Successful at Scale: 500 Faculty, 39 Classrooms, 6 Years: A Case Study. *Journal of Learning Spaces*, 10(1), 51-62.



Anna Cass

Assistant Professor, Health Sciences

Cass AL, Slining MM, Carson C, Cassidy J, Epright MC, Gilchrist AE, Peterson K, Wheeler JF, The NS. Risk Management of COVID-19 in the Residential Educational Setting: Lessons learned and implications for moving forward. *International Journal of Environmental Research and Public Health* 2021;18:9743. <https://doi.org/10.3390/ijerph18189743>

Snyder RA, Wardrop R, McLain AC, Parikh AA, Cass AL. Association of Patient Experience with Guideline Concordant Colon Cancer Treatment in the Elderly. *JCO Oncology Practice*. 2021 Feb 10:OP2000626.

Cass AL, Holt EW, Criss S, Hunt E,* Reed R.* Health-Related Priorities, Perceptions, and Values of University Students: Implications for wellness education. *American Journal of Health Education*. 2020; 52(1):37-47.

Srikripa Chandrasekaran

Assistant Professor, Biology

Carlson, T., Lupinacci, E., Moseley, K., & Chandrasekaran, S. (2021). Effects of environmental factors on sensitivity of *Cryptococcus neoformans* to fluconazole and amphotericin B. *FEMS microbiology letters*, 368(7), fnab040. <https://doi.org/10.1093/femsle/fnab040>

Stempinski, P. R., Zielinski, J. M., Dbouk, N. H., Huey, E. S., McCormack, E. C., Rubin, A. M., Chandrasekaran, S., & Kozubowski, L. (2021). Genetic contribution to high temperature tolerance in *Cryptococcus neoformans*. *Genetics*, 217(1), 1-15. <https://doi.org/10.1093/genetics/iyaa009>

Matt Cohen

Associate Professor, Earth, Environmental, and Sustainability Sciences

Brundiars, K., Barth, M., Cebrián Bernat, G., Cohen, M., Diaz, L., Dripps, W., Habron, G., Harré, N., Jarchow, M., Losch, K., Michel, J., Mochizuki, Y., Remington-Doucette, S., Rickmann, M., Parnell, R., Walker, P., Zint, M. (2021). Key competencies in sustainability in higher education - Towards an agreed-upon reference framework. *Sustainability Science*.16: 13-29.

Quinn, Q., Cohen, M.(2021). Using COVID-19 to teach sustainability futures thinking. In: Filho, L. (Ed.). *COVID-19: Paving the Way for a More Sustainable World*. (Springer), 411-426.

Shaniece Criss

Assistant Professor, Health Sciences

Nguyen, T.T., Criss, S., Dwivedi, P., Huang, D., Keralis, J., Hsu, E., Phan, L., Nguyen, L.H., Yardi, I., Glymour, M.M., & Allen, A.M (2020). Exploring US Shifts in Anti-Asian Sentiment with the Emergence of COVID-19. *International Journal of Environmental Research and Public Health*, 17(19), 7032. <https://doi.org/10.3390/ijerph17197032>

Criss, S., Michaels, E.K., Solomon, K., Allen, A.M., & Nguyen, T.T. (2020). Twitter Fingers and Echo Chambers: Exploring Expressions and Experiences of Online Racism Using Twitter. *Journal of Racial and Ethnic Health Disparities*. <https://doi.org/10.1007/s40615-020-00894-5>

Criss, S., Nguyen, T.T., Norton, S.,* Virani, I.,* Titherington, E.,* Tillmanns, E.L.,* Kinnane, C.,* Maiolo, G.,* Kirby, A.B.,* & Gee, G.C. (2021). Advocacy, Hesitancy, and Equity: Exploring U.S. Race-Related Discussions of the COVID-19 Vaccine on Twitter. *International Journal of Environmental Research and Public Health*,18,5693. <https://doi.org/10.3390/ijerph18115693>



Adi Dubash

Assistant Professor, Biology

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Alyson Farzad-Phillips

Assistant Professor, Communication Studies

Alyson Farzad-Phillips (2020) Huddles or Hurdles? Spatial Barriers to Collective Gathering in the Aftermath of the Women's March, *Women's Studies in Communication*, 43:3, 247-270, DOI: [10.1080/07491409.2020.1747127](https://doi.org/10.1080/07491409.2020.1747127)

Drew T. Ashby-King, Jeannette I. Iannacone, Victoria A. Ledford, Alyson Farzad-Phillips, Matthew Salzano & Lindsey B. Anderson (2021) Expanding and constraining critical communication pedagogy in the introductory communication course: A critique of assessment rubrics, *Communication Teacher*, DOI: [10.1080/17404622.2021.1975789](https://doi.org/10.1080/17404622.2021.1975789)

Timothy Fehler

Professor, History

"Victimas como demandantes: Consistorios," (translated into Spanish by Doris Moreno), in *Fe y Castigo: Inquisiciones y Consistorios Calvinistas en el Mundo Moderno*, edited by Charles H. Parker and Gretchen Starr-Lebeau (Ediciones Catedra, 2020), 201-213.

"Refugee Wives, Widows, and Mothers," in *Embodiment, Identity, and Gender in the Early Modern Age*, edited by Amy E. Leonard and David M. Whitford (London: Routledge, 2021), 175-186.

Veronica Flores

Assistant Professor, Psychology

Flores VL, Tanner B,* Lin JY, & Katz DB. (2021). Cortical Taste Processing Evolves through Benign Taste Exposures. *Journal of Behavioral Neuroscience*.

Alexander Francis-Ratte

Assistant Professor, Asian Studies

Francis-Ratte, Alexander & J. Marshall Unger (2020). Contact between genetically related languages: the case of Old Japanese and Old Korean, in Martine Robbeets & Alexander Savleyev (eds.), *The Oxford Guide to the Transeurasian Languages*, 705-715. Oxford: Oxford University Press.

Francis-Ratte, Alexander (2021). On the origin of the Japanese plural suffix and its possible relationship to Korean. *Asian Languages and Linguistics* 2, 1: 24-35.

Francis-Ratte, Alexander (2021, to appear). An Interdisciplinary Case for a Peninsular Origin of the Japanese Language. *The Southern Journal of Linguistics*, 45: 1.

Linnea Freeman

Associate Professor, Biology and Neuroscience

A Need for Consistency in Behavioral Phenotyping for ASD: Analysis of the Valproic Acid Model. Larner O, Roberts J, Twiss J, Freeman L. *Autism Research and Treatment*. 2021 Mar 19;2021:8863256. doi: [10.1155/2021/8863256](https://doi.org/10.1155/2021/8863256). eCollection 2021. PMID: 33828864

Sex Differences in Demand for Highly Palatable Foods: Role of the Orexin System. Freeman LR, Bentzley BS, James MH, Aston-Jones G. *Int J Neuropsychopharmacol*. 2021 Jan 20;24(1):54-63. doi: [10.1093/ijnp/pyaa040](https://doi.org/10.1093/ijnp/pyaa040). PMID: 32496559

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Ronald J. Friis

Professor, Modern Languages and Literatures

"White Light: The Poetry of Alberto Blanco." Lewisburg, PA: Bucknell University Press, 2021.



James Guth

Professor, Politics and International Affairs

"Religious Voting in the 2020 Presidential Election: Testing Alternative Theories," in *Politics and Religion Journal*, 15(2) (2021), 257-281. (Co-author, Lyman A. Kellstedt).

"The Partisanship of Protestant Clergy in the 2016 Presidential Election," *Politics and Religion* (2021, forthcoming). First View: <https://doi.org/10.1017/S1755048321000262>. (Co-author, Corwin E. Smidt).

"Protestant Clergy and Christian Nationalism," *Perspectives in Religious Studies* 48(2) (May, 2021), 135-147.



Nader Hakim

Assistant Professor, Psychology

Hakim, N. H., Zhao, X., & Bharj, N. (2020). The Paradox of the Moderate Muslim Discourse: Subtyping Promotes Support for Anti-muslim Policies. *Frontiers in Psychology*. 21 December 2020 | <https://doi.org/10.3389/fpsyg.2020.612780>

Hakim, N., Branscombe, N., & Schoemann, A. (2021). Group-based emotions and support for reparations: A meta-analysis. *Affective Science*, 1-16 .

Timothy Hanks

Professor, Chemistry

Biofouling Resistant Electroactive Polymer Composites for Protein Triggered Counterion Delivery Molino, P. J.; Wetherill, R. E.; Knepper, A.; Trupia, D. Hayes, P.; Molino, B. Z.; Hanks, T. W. submitted to *Applied Polymer Materials* 2021, 3, 6294-6302.

Synthesis and 3D Printing of Conducting Alginate-Polypyrrole Ionomers Wright, C. J.; Zhang Molino, B.; Chung, J. H. K.; Pannell, T.; Kuester, M.; Molino, P. J.; Hanks, T. W. *Gels* 2020, 6, 13.

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Hanks (continued)

A proposed mechanism to induce multi-layer polydiacetylene-coated filter color response to bacteria Zhang, Y.; Dawson, P.; Pennington, W.; Northcutt, J.; Tzeng, T.-R.; Hanks, T. *Results Chem.* 2020, 100065.

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Pamela Hanson

Professor, Biology

Stultz, L. K., Hunsucker, A., Middleton, S., Grovenstein, E., O'Leary, J., Blatt, E., ... & Hanson, P. K. (2020). Proteomic analysis of the *S. cerevisiae* response to the anticancer ruthenium complex KP1019. *Metallomics*, 12(6), 876-890.

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Benjamin Haywood

Assistant Director, Faculty Development Center

Pallant, E., Choate, B., & Haywood, B. (2020). How do you teach undergraduate university students to contribute to UN SDGs 2030?. In *Universities as Living Labs for Sustainable Development* (pp. 69-85). Springer, Cham.

Haywood, B. K., Parrish, J. K., & He, Y. (2021). Shapeshifting attachment: Exploring multi-dimensional people - place bonds in place-based citizen science. *People and Nature*, 3(1), 51-65.

Gregg Hecimovich

Professor, English

"The Life and Times of Alfred, Delia, Drana, Fassena, Jack, Jem, and Renty," in *To Make Their Way in the World: The Peabody Museum's Daguerreotypes*, Edited by Ilisa Barbash, Molly Rogers, and Deborah Willis, Peabody Museum Press/Aperture (September, 2020). 72 pages.

Scott Henderson

Professor, Education

A. Scott Henderson, "GSA v. Spearman and the Fight Against Anti-Gay Curriculum Laws," *International Journal of Social Policy and Education* 3, no. 6 (June, 2021), 9-18.

A. Scott Henderson, "The Political is Personal: Limitations to Coming Out as a Social Justice Strategy," *Shuddhashar*, no. 20 (August, 2020), 1-6.

A. Scott Henderson, "No Joke: Using Humor in Class is Harder When Learning is Remote," *The Conversation* (February, 2021), 1-3.

Michelle Horhota

Professor, Psychology

Chasteen, A.L, Horhota, M., Crumley-Branyon, J. (2020, April 3). Overlooked and underestimated: Experiences of ageism in young, middle-aged, and older adults. *The Journal of Gerontology Series B: Psychological Sciences & Social Sciences*. doi: [10.1093/geronb/gbaa043](https://doi.org/10.1093/geronb/gbaa043)

Chasteen, A. L., Horhota, M., Crumley-Branyon, J.J. & Haseley, E.* (2021, July 22). Unwanted help: Accepting versus declining ageist behavior affects impressions of older adults. *Psychology and Aging*. <http://dx.doi.org/10.1037/pag0000620>

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Emma Hunt

Assistant Professor, Earth, Environment, and Sustainability Sciences

Emma J. Hunt, Brian O'Driscoll, James M.D. Day; Sintering as a key process in the textural evolution of chromitite seams in layered mafic-ultramafic intrusions. *The Canadian Mineralogist* 2021; 59 (6): 1661-1692. <https://doi.org/10.3749/canmin.2100021>

Emilia Hyland

Post-bac, Biology

Hyland, E. (2021). Conservation Spillover Effect of UNESCO World Heritage Sites. In *Imperiled: The Encyclopedia of Conservation*. Elsevier Inc. <https://doi.org/10.1016/B978-0-12-821139-7.00200-2>



Brandon Inabinet

Associate Professor, Communication Studies

Patricia Davis, Brandon Inabinet, Christina L. Moss, and Carolyn Walcott. "Decolonizing Regions." *Rhetoric & Public Affairs* 24, no. 1-2 (2021): 349-364.

DOI: [10.14321/rhetpublaffa.24.1-2.0349](https://doi.org/10.14321/rhetpublaffa.24.1-2.0349)

Christina L. Moss and Brandon Inabinet. *Reconstructing Southern Rhetoric*. Jackson: University Press of Mississippi, 2021.

Brandon Inabinet. "A More Purple Union: Visual Legacies of the 2004 DNC Keynote." In *City Places, Country Spaces: Rhetorical Explorations of the Urban/Rural Divide*. Edited by Wendy Atkins-Sayre and Ashli Quesinberry Stokes (New York: Peter Lang, 2020), 29-52.

Brandon Inabinet. "Bondage and Circulation." *Rhetoric, Politics and Hamilton: An American Musical*. Edited by Jeffrey P. Mehlretter Drury and Sara A. Mehlretter Drury (New York: Peter Lang, 2021): 127-144.



Jason Jones

Professor, Economics

Cook, N. & J. Jones (2021). "The African Growth and Opportunity Act (AGOA) and Growth: A Local Projection Approach" *World Economy*. 44(1), 234-261.



Kevin Kao

Assistant Professor, Art

Kao, Kevin. "2021 Miami University Young Sculptors Competition." Hiestand Galleries. Miami University, Miami, OH. September 2 - October 7, 2021. Note: Third Place Award, \$2000. (Juror: Mark Dion)

M. Taha Kasim

Assistant Professor, Economics

Heidt, P., & Kasim, M. T. (2020). "The effects of highways on school segregation." *Papers in Regional Science*, 99(5), 1261-1280.

Kasim, M. T., & Ukert, B. (2021). "The impact of WIC participation on tobacco use and alcohol consumption." *Contemporary Economic Policy*, 39(3), 608-625.

Kate Kaup

Professor, Asian Studies and Politics
and International Affairs

"Chapter 10: Ethnicity" in Katherine Palmer Kaup (ed.), *Understanding the Contemporary Asia Pacific* 2nd Edition (Boulder: Lynne Rienner Publishers, 2020), pp. 321-352.

"Chapter 13: Looking Forward" in Katherine Palmer Kaup (ed.), *Understanding the Contemporary Asia Pacific* 2nd Edition (Boulder: Lynne Rienner Publishers, 2020), pp. 435-446.

Katherine Palmer Kaup, From Empire to Nation State: Ethnic Politics in China, Review in *Political Science Quarterly* (Winter 2021), pp. 805-807. Book Review

Katherine Palmer Kaup (ed.), *Understanding the Contemporary Asia Pacific* 2nd Edition (Boulder: Lynne Rienner Publishers, 2020)

Katherine Palmer Kaup, "Introducing Asia Pacific," in Katherine Palmer Kaup (ed.), *Understanding the Contemporary Asia Pacific* 2nd Edition (Boulder: Lynne Rienner Publishers, 2020), pp. 1-13.

"Chapter 4: Political Systems" in Katherine Palmer Kaup (ed.), *Understanding the Contemporary Asia Pacific* 2nd Edition (Boulder: Lynne Rienner Publishers, 2020), (pp. 79-124)

Katie Kelly

Associate Professor, Education

Kelly, K., Becker, W., Lipscomb, G. & Robards, A. (2020). Centering Culture through Writing and the Arts: Lessons Learned in New Zealand. *The Reading Teacher*, 74(2), 147-158.

Kelly, K., Laminack, L., & Gould, E. (2020). Confronting Bias with Children's Literature: A Preservice Teachers Journey to Developing a Critical Lens for Reading the Word and the World. *The Reading Teacher*, 74(3), 297-304.

Kelly, K., Laminack, L., & Carmenates, N. (May/June 2021). Family Matters: Children's Literature to Honor Diverse Family Structures. *Literacy Today*, 38(6), 56-58.

Stephanie M. Knouse

Associate Professor, Modern Languages and Literatures

Knouse, S. (2021): Leveraging the Camino de Santiago: promoting intentional reflection and group cohesion during study abroad, *Reflective Practice*, DOI: [10.1080/14623943.2021.2003318](https://doi.org/10.1080/14623943.2021.2003318)

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Bessy, M., & Knouse, S. M. (2020). Metacognition, metalinguistic awareness, and relevance in language learning: A report on an intervention module project. *International Journal on the Scholarship of Teaching and Learning*, 14(2), Article 9.

Ken Kolb

Professor, Sociology

Kenneth H. Kolb. *Retail Inequality: Reframing the Food Desert Debate*. University of California Press (2021)

Harry H. Kuoshu

Professor, Asian Studies

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Janet Kwami

Associate Professor, Communication Studies

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Camille Lewis

Assistant Professor, Communication Studies

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Greg Lewis

Professor, Biology

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Min-Ken Liao

Professor, Biology

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George Lipscomb

Professor, Education

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Kyle Longest

Associate Professor, Sociology

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Angélica Lozano-Alonso

Professor, Modern Languages and Literatures

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Akan Malici

Professor, Politics and International Affairs

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Lourdes Manyé

Professor, Modern Languages and Literatures

Manyé, Lourdes. "El 'contrabando de géneros': la fotografía y la pintura en la construcción literaria de la memoria en Manuel Rivas" ("The Contraband of Genres: Photography and Painting in the Literary Construction of Memory in Manuel Rivas"). Invited chapter in *Crear entre mundos: nuevas tendencias en la metaficción española (Creating Between Worlds: New Trends in Spanish Metafiction)*, eds. Iana Konstantinova and Sabrina Laroussi. Diálogos Peninsulares, Albatros Ediciones (2021), pp. 125-142.

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John A. McArthur

Professor, Communication Studies

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Joseph Merry

Associate Professor, Sociology

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Christian Millichap

Associate Professor, Mathematics

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Scott Murr

Assistant Professor, Health Sciences

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Brent Nelsen

Professor, Politics and International Affairs

James L. Guth. "Protestantism and Europe," in Lucian Leustean and Grace Davie, eds. *The Oxford Handbook of Religion and Europe* (Oxford University Press, 2021), 458-479.



Buket Oztas

Assistant Professor, Politics and International Affairs

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Derek Parsons

Professor, Music

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Holly A. Pinheiro, Jr.

Assistant Professor, History

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Courtney Quinn

Adjunct Professor, Earth, Environmental, and Sustainability Sciences

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John Quinn

Associate Professor, Biology

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Nick Radel

Professor, English

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Jason Rawlings

Associate Professor, Biology

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Eunice Rojas

Associate Professor, Modern Languages and Literatures

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Carole Salmon

Professor, Modern Languages and Literatures

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Patricia Puckett Sasser

Associate Librarian, University Libraries

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Lynne Shackelford

Professor, English

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George Shields

Professor, Chemistry

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Roger A. Sneed

Professor, Religion

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Michele Speitz

Associate Professor, English

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Cinnamon Stetler

Professor, Psychology

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Mary Alice Sturgill

Instructor, Communication Studies

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Michael Svec

Professor, Education

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Andrea Tartaro

Associate Professor, Computer Science

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Alfons Teipen

Professor, Religion

"Jews in Early Biographies of Muhammad: A Case Study in Shifting Muslim Understandings of Judaism," in: *Journal of the American Academy of Religion*, June 2020, Vol. 88, No. 2, pp. 543-568. [doi:10.1093/jaarel/lfaa019](https://doi.org/10.1093/jaarel/lfaa019)

Paul Thomas

Professor, Education

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Danielle Vinson

Professor, Politics and International Affairs

C. Danielle Vinson. 2021. "Looking at American Politics Through the Prism of Native American Culture and Experience." *Perspectives in Religious Studies* 48 (Summer): 177-188.



Paul Wagenknecht

Professor, Chemistry

Nguyen, K. T.; Lane, E. E.; McMillen, C. D.; Pienkos, J. A.; Wagenknecht, P. S. "Is indenyl a stronger or weaker electron donor ligand than cyclopentadienyl? Opposing effects of indenyl electron density and ring slipping on electrochemical potentials" *Organometallics*. 2020, 39, 670-678.

McCarthy, J. S.; McMillen, C. D.; Pienkos, J. A.; Wagenknecht, P. S. "Synthesis and Characterization of a tert-butyl ester substituted titanocene dichloride, t-BuOCCp2TiCl2" *Acta Cryst. E*. 2020, 76, 1562-1565.

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Erin Wamsley

Associate Professor, Psychology

Wang, S. Y., Baker, K. C., Culbreth, J. L., Tracy, O., Arora, M., Liu, T., Morris, S., Collins, M. B., & Wamsley, E. J. (2021). 'Sleep-dependent' memory consolidation? Brief periods of post-training rest and sleep provide an equivalent benefit for both declarative and procedural memory. *Learning & Memory*, 28(6), 195-203. <https://doi.org/10.1101/lm.053330.120>

Wamsley, E. J., & Summer, T. (2020). Spontaneous Entry into an "Offline" State during Wakefulness: A Mechanism of Memory Consolidation? *Journal of Cognitive Neuroscience*, 1-21.

Sandy Wheeler

Senior Lecturer and Research Associate, Chemistry

Bigner, J. A., Fiester, S. E., Fulcher, J. W., Schammel, C. M. G., Ward, M. E., Burney, H. E., Wheeler, J. F., Wheeler, S. K., & Teuber, J. M. (2021). Glyphosate and polyoxyethyleneamine ingestion leading to renal, hepatic, and pulmonary failure. *The American Journal of Forensic Medicine and Pathology*, 42(3), 282-285.

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Claire Whitlinger

Associate Professor, Sociology

Whitlinger, Claire. 2020. *Between Remembrance and Repair: Commemorating Racial Violence in Mississippi's Philadelphia*. Chapel Hill: University of North Carolina Press.

Andrew Womack

Assistant Professor, Asian Studies; Anthropology

Womack, Andrew, Rowan Flad, Jing Zhou, Katherine Brunson, Fabian H Toro, Xin Su, Anke Hein, Jade d'Alpoim Guedes, Guiyun Jin, and Xiaohong Wu. 2021. The Majiayao to Qijia transition: exploring the intersection of technological and social continuity and change. *Asian Archaeology* 4(2):95-120.

Womack, Andrew, Li Liu, and Nan Di. "Initial insights into ceramic production and exchange at the early Bronze Age citadel at Shima, Shaanxi, China." *Archaeological Research in Asia* 28 (2021): 100319.

Daniel J. Worden

Assistant Professor, Modern Languages and Literatures

Worden, Daniel J. "Revealing the Unknown in La Terre australe connue by Gabriel de Foigny." *Cahiers du dix-septième*. 19 (2020). 65-98.

Sarah Worth

Professor, Philosophy

Sarah Worth. *Taste: A Philosophy of Food*. London: Reaktion Press, 2021.

Wade B. Worthen

Professor, Biology

Worthen, W. B., and M.G. Chamlee.* 2020. Determinants of adult odonate community structure at several spatial scales: effects of habitat type and landscape context. *International Journal of Odonatology* 23:365-379.

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<https://doi.org/10.3390/insects12030201>

Elizabeth Wright

Adjunct Professor, Theatre Arts

Brooker, Meg, Elizabeth Wright, and Valerie Durham, performers. *Faces of Love* (dance performance). Duncan Dance South. Choreographed by Isadora Duncan. Hunter Art Museum, Chattanooga. February 20, 2020.

Gerry Wubben

Adjunct Professor, Visual Arts

Wubben, Gerry. *Monumental Detail* (solo art show selected for center's inaugural exhibition and opening). Thyen-Clark Cultural Center. Jasper Community Arts. Jasper, Indiana. January 7 – February 26, 2021.

<https://sites.google.com/view/thyenclarkgalleries/gerry-wubben>

Wubben, Gerry. "Craig." Drawing selected for *ArtFields 2021* Competition. Jones-Carter Gallery. ArtFields Collective. Lake City, South Carolina.

* Denotes undergraduate student co-author



External Faculty Research Grant Awards

Diane Boyd (PI)

Associate Professor, Faculty Development Center

Michael Jennings (CO-PI)

Professor, Education

CREATE: Conversation-Rich Education for
Anti-Racists Teaching/Learning Environments

\$36,500

August 2020 (1 year)



Diane Boyd (PI)

Associate Professor, Faculty Development Center

ACS MAPP: Mid-Career Advancement
Pathways Program

\$50,000

August 2021 (1 year)



Meghan Breen (PI)

Assistant Professor, Chemistry

Effects of Pdr1 phosphosites on azole resistance
in *Candida glabrata*

\$72,940

September 2021 (1 year)



Srikripa Chandrasekaran (PI)

Assistant Professor, Biology

Role of Hsp 90 in regulating fluconazole resistance
in *Cryptococcus neoformans*

\$60,000

September 2020 (1 year)



Srikripa Chandrasekaran (PI)

Assistant Professor, Biology

Effects of environment on anti-fungal drug
resistance in *Cryptococcus neoformans*

\$71,950

September 2020 (1 year)



Mary Beth Daub (PI)

Assistant Professor, Chemistry

Development of an Oxidative [3+2]
Photocycloaddition Reaction of
4-Hydroxy-2-pyridones

\$8,000

January 2020 (1 year)



Mary Beth Daub (PI)

Assistant Professor, Chemistry

ACS PRF: The Photochemical Annulation of
Pyridones Via [2+2] Photocycloaddition-Oxidative
Cyclobutane Fragmentation

\$55,000

May 2021 (2 years)



Brian Goess (PI)

Professor, Chemistry

2021 Beckman Scholars Program

\$104,0000

December 2020 (4 years)





External Faculty Research Grant Awards

Geoffrey Habron (PI)

Professor, Earth, Environmental, and Sustainability Sciences

Innovating a Community-based Resilience Model on Climate and Health Equity in the Carolinas

\$159,247

September 2021 (5 years)



Timothy Hanks (PI)

Professor, Chemistry

A rapid, inexpensive and easily deployed sensing platform for COVID-19

\$10,500

May 2020 (1 year)



Timothy Hanks (CO-PI)

Professor, Chemistry

Rapid, colorimetric sensor to detect SARS CoV-2 in environmental and human samples

\$428,030

January 2021 (1 year)



I A R P A

M. Taha Kasim (PI)

Assistant Professor, Economics

COVID-19 Knowledge, Attitudes and Practices (KAP) on COVID-19 and Water, sanitation and hygiene (WASH) in Pakistan

\$136,677

January 2020 (1 year)



David Moffett (CO-PI)

Professor, Physics

Next-Level, Robotic Telescope-Based Observing Experiences to Boost STEM Enrollments and Majors on a National Scale

\$2,981,738

July 2021 (3 years)



Ashley Morris (PI)

Assistant Professor, Biology

Genetic study of leafy prairie clover (*Dalea foliosa*) populations in Tennessee

\$21,403

May 2021 (1 year)



Jeff Petty (PI)

Professor, Chemistry

RUI: Crystallography-Guided Synthesis of DNA-Encapsulated Silver Clusters Chromophores

\$400,000

September 2020 (3 years)



Adam Putnam (PI)

Assistant Professor, Psychology

Collective Temporal Thought

\$25,000

November 2021 (3 years)

JAMES S. McDONNELL FOUNDATION



External Faculty Research Grant Awards

Courtney Quinn (PI)

Adjunct Professor, Earth, Environmental, and Sustainability Sciences

John Quinn (CO-PI)

Associate Professor, Biology

Karen Allen (CO-PI)

Assistant Professor, Earth, Environmental, and Sustainability Sciences

Strengthening farmer-consumer connections for sustainable agricultural systems

\$213,954

Spring 2020 (3 years)



John Quinn (CO-PI)

Associate Professor, Biology

RCN: Patterns, Places, People: A Network for Scalable Airborne Observation of Socio-Environmental Systems

\$500,000

Spring 2020 (3 years)



Jason Rawlings (PI)

Associate Professor, Biology

Epigenetic mechanisms regulating lymphocyte proliferation: toward the understanding of immune suppression caused by microgravity

\$40,000

March 2020 (2 years)



Jason Rawlings (PI)

Associate Professor, Biology

Timothy Hanks (CO-PI)

Professor, Chemistry

Srikripa Chandrasekaran (CO-PI)

Assistant Professor, Biology

MRI: The Acquisition of a Flow Cytometer to Enhance Research and Training at South Carolina Undergraduate Institutions in the Upstate

\$319,745

August 2020 (3 years)



Jason Rawlings (PI)

Associate Professor, Biology

Signaling mechanisms regulating activation-induced chromatin decondensation in peripheral gdT lymphocytes

\$8,500

March 2021 (1 year)



Jason Rawlings (PI)

Associate Professor, Biology

Signaling mechanisms regulating activation-induced chromatin decondensation in peripheral gdT lymphocytes

\$9,500

March 2020 (1 year)





External Faculty Research Grant Awards

Jason Rawlings (PI)

Associate Professor, Biology

American Association of Immunologists Faculty Travel Grant to attend the AAI national meeting "Immunology 2020"

\$2,500

February 2020 (1 year)



George Shields (PI)

Professor, Chemistry

2021 IE3 Learning Community

\$30,000

April 2021 (2 years)



Howard Hughes
Medical Institute

George Shields (PI)

Professor, Chemistry

Acquisition of computing nodes to support experimental research at Furman University

\$13,300

July 2021 (1 year)



Paul Wagenknecht (PI)

Professor, Chemistry

Alkynyl complexes of titanium(IV) and platinum(II): Phosphors, photocatalysts, and fundamental photophysics

\$337,383

September 2021 (3 years)



George Shields (PI)

Professor, Chemistry

MRI: Expansion of the Molecular Education and Research Consortium in Undergraduate computational chemistry (MERCURY) via Addition of High Performance Computers

\$400,000

September 2020 (3 years)



John Wheeler (PI)

Professor, Chemistry

John Kaup (CO-PI)

Director of Science Education

Benjamin Haywood (CO-PI)

Assistant Director, Faculty Development Center

Michelle Horhorta (CO-PI)

Professor, Psychology

Scholarships and Science Opportunities, Activities, and Research to Support Undergraduate STEM Student Success

\$998,814

October 2020 (5 years)





External Faculty Research Grant Awards

John Wheeler (PI)

Professor, Chemistry

Supporting Biomedical Research Opportunities
at Furman University

\$1,200,000

September 2020 (5 years)

SCINBRE

Andrew Womack (PI)

Assistant Professor, Asian Studies

Franklin Research Grant

\$6,000

April 2021 (1 year)

AMERICAN
PHILOSOPHICAL
SOCIETY



2020-2021 Degrees

Alyson Farzad-Phillips

Assistant Professor, Communications Studies

PhD, Communication

University of Maryland

THESIS/DISSERTATION

*Combatting White Supremacy on Campus:
Racialized Counter-Memory and Student Protests in the 21st Century*

Craig Price

Lecturer, Music

PhD, Musical Arts

University of South Carolina

THESIS/DISSERTATION

*Time's Up:
How Opera is Facing Its Own Me Too Reckoning.*





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