

College of Arts and Sciences
Faculty Achievements: Books/Publications

Books, journal articles and other publications by faculty of the College of Arts and Sciences,
Fall 2019-Winter 2020

Melvyn Goldstein, John Reynolds Harkness Professor, Department of Anthropology; Co-Director, Center for Research on Tibet; Professor of International Health, School of Medicine
[A History of Modern Tibet, Volume 4: In the eye of the storm](#). U. of California Press, 2019.

Bharat Ranganathan, Beamer-Schneider SAGES Teaching Fellow, Philosophy
[Scripture, Tradition, and Reason in Christian Ethics: Normative Dimensions](#). Palgrave Macmillan, 2019.

Todd Oakley, Professor, Cognitive Science
[Rhetorical Minds: Meditations on the Cognitive Science of Persuasion](#). Oxford, UK: Berghahn Books, Studies in Linguistic Anthropology, Volume 1.

Lydia Kisley, Assistant Professor, Physics
Saini, A.; Kisley, L. [Fluorescence microscopy of biophysical protein dynamics in nanoporous hydrogels](#). J. Appl. Phys. 2019, 126, 081101.

[Feature Article](#): AIP Scilight

Invited book chapter: Kisley, L. [Single molecule spectroscopy at interfaces](#). In [Spectroscopy and Dynamics of Single Molecules](#); Johnson, C. K., Ed.; Elsevier: Amsterdam, 2019; pp 117-161.

Ryan Martin, Assistant Professor, Biology
Caruso, C.M., H. Maherali, R.A. Martin. 2020. [A meta-analysis of natural selection on plant functional traits](#). International Journal of Plant Sciences. 181:44-55.

Moore, M.P., R.A. Martin. 2019. [On the evolution of carry-over effects](#). Journal of Animal Ecology. 88: 1832-1844.

Yilmaz, A.L., Chick, A. Perez, S.A. Strickler, S. Vaughn, R.A. Martin, S.E. Diamond. [Remarkable insensitivity of acorn ant morphology to temperature decouples the evolution of physiological tolerance from body size under urban heat islands](#). 2019. Journal of Thermal Biology. 85: 102426.

Moore, M.P., H.H. Whiteman, R.A. Martin. 2019. [A mother's legacy: the strength of maternal effects in animal populations](#). Ecology Letters. 22:1620-1628.

Martin, R.A., L. Chick, A. Yilmaz, S.E. Diamond. 2019. [Evolution, not transgenerational plasticity, explains the adaptive divergence of acorn ant thermal tolerance across an urban-rural temperature cline](#). *Evolutionary Applications*. 12:1678-1687.

Caruso, C.M., K. Eisen, R.A. Martin, N. Sletvold. 2019. [A meta-analysis of the agents of selection on floral traits](#). *Evolution*. 73:4-14.

Lis C., M.P. Moore, R.A. Martin. [Warm developmental temperatures induce non-adaptive sexual coloration in a dragonfly](#). In press at *Ecological Entomology*.

Riesch, R., R.A. Martin, R.B. Langerhans. [Multiple traits and multifarious environments: integrated divergence of morphology and life history](#). In press at *Oikos*.

Diamond, S. E., R. A. Martin. [Evolutionary consequences of the urban heat island](#). In press. In: *Urban Evolutionary Biology*, M. Szulkin, J. Munshi-South, and A. Charmantier, Eds. Oxford University Press.

Elizabeth J Short, Professor, Psychological Sciences.

Short, E.J., Schindler, R.C., Obeid, R., Noeder, M.M., Hlavaty, L.E., Gross, S.I., Lewis, B., Russ, S., & Manos, M.M. (in press). Examining the Role of Language in Play among Children with and without Developmental Disabilities. *Language, Speech, and Hearing Services in Schools*.

Obeid, R., Beekman, L., Roizen, N., Ciccia, A., & Short, E.J., (2019). [Using Telehealth to Address Disparities in Cognitive, Language, and Emotion Regulation Problems in Young Children: A Case Illustration Using the INvest Model](#). *Birth Defects Research*, 111, 1154–1164. doi: 10.1002/bdr2.1537.

Lee, K., Jeong, D., Schindler, R.C., Hlavaty, L.E., Gross, S. I., & Short, E.J. (2019). [Interactive Block Games for Assessing Children’s Cognitive Skills: Design and Preliminary Analysis](#). (Reprint) *Frontiers in Public Health: Intellectual Disability and Assistive Technology*. (eds) Boot, F. H., Louw, J. S., Kuo, H. J., Chen, R. *Frontiers Media*. doi: 10.3389/978-2-88945-995-7.

Brooke N. Macnamara, Associate Professor, Psychological Sciences.

Burgoyne, A. P., Hambrick, D. Z., & Macnamara, B. N. (2020). [How firm are the foundations of mindset theory? Psychological Science](#).

Macnamara, B. N., & Maitra, M. (2019). [The role of deliberate practice in expert performance: Revisiting Ericsson, Krampe, & Tesch-Römer \(1993\)](#). *Royal Society Open Science*, 6, 190327, 1-19.

Hambrick, D. Z. & Macnamara, B. N. (2019). [More confusion about deliberate practice: Commentary on Miller et al.](#) (2018). *High Ability Studies*, 1-4.

Paul Iversen, Chair and Associate Professor, Classics

Iversen, Paul. & Alexander Jones. [The Back Plate Inscription and eclipse scheme of the Antikythera Mechanism revisited](#). (2019). Archive for History of Exact Sciences 73: 469-511. <https://doi.org/10.1007/s00407-019-00229-9>.

Dave Lucas, Lecturer, English / SAGES

"If You Meet the Buddha" (poem).

"[Ice Ages](#)" (essay). Cleveland Magazine (Jan 2020). Referenced in The New York Times Friday Briefing "[What We're Reading](#)" (31 Jan 2020).

"[Poetry for People Who Hate Poetry](#)" (syndicated column in sixteen installments, published Sept 2018—Dec 2019 in various newspapers and online sources in the state of Ohio).

David Gurarie, Professor, Mathematics, Applied Mathematics and Statistics

Li EY, Gurarie D, Lo NC, Zhu X, King CH. [Improving public health control of schistosomiasis with a modified WHO strategy: a model-based comparison study](#). The Lancet Global Health. 2019;7(10):e1414-e1422.

Karen Beckwith, Flora Stone Mather Professor Political Science

Claire Annesley, Karen Beckwith and Susan Franceschet. [Cabinets, Ministers, and Gender](#). Oxford: Oxford University Press, 2019.

Karen Beckwith. 2020. Feminist Approaches to the Study of Political Executives, eds. Ferdinand Müller-Rommel, Oxford Handbook on Political Executives. Oxford: Oxford University Press.

Karen Beckwith, Review of Matthew Evangelista, ed., Italy from Crisis to Crisis: Political Economy, Security, and Society in the 21st Century, Annals of the Fondazione Luigi Einaudi, LII, December 2019.

Peter Yang, Associate Professor, Department of Modern Languages and Literatures

Yang, Peter (Editor). [Cases on Green Energy and Sustainable Development](#). Practice, Progress, and Proficiency in Sustainability (PPPS) Book Series, IGI-Global Publishing, July 2019, 583 pp. Refereed.

Elina Gertsman, Professor Art History

(with Barbara Rosenwein) [Il Medioevo in 50 oggetti \(Libreria Editrice Goriziana, 2019\)](#).

[Der blutige Umhang: Darstellungen des textilen Leibs der Jungfrau. In Religiöses Wissen im vormodernen Europa. Schöpfung – Mutterschaft – Passion](#), eds. Renate Dürr, Annette Gerok-Reiter, Andreas Holzem, and Steffen Patzold. (Paderborn: Verlag Ferdinand Schöningh, 2019), 397-429.

“Kalvarienberg mit einem Mönch” and “Zwei Kartäusermönche.” In *Zeitenwende 1400: Hildesheim als europäische Metropole*, exh. cat. Dommuseum Hildesheim, 26. 09. 2019 - 2. 02. 2020, eds. Gerhard Lutz and Felix Prinz. Hildesheim, 2019.

Wojbor A. Woyczynski, Professor, Mathematics, Applied Mathematics and Statistics
[Distributions in the Physical and Engineering Sciences}: Volume 3: Random and Anomalous Fractional Dynamics in Continuous Media](#), (with A. Saichev), Birkhauser/Springer, 2018, 410 pp.

[Geometry and Martingales in Banach Spaces](#), Taylor and Francis, CRC Press, 2019, 315 pp.

A First Course in Statistics for Signal Analysis, Third Edition. Two new chapters added to the second edition, Birkhauser Boston (2019), 332 pp.

[Quantifying the complexity of time series with application to postural balance studies of Parkinson's patients](#) (with T. Dey , A. Piryatinska, S.J. Ozinga and J.L. Alberts), *Statistics in Biopharmaceutical Research* (2018), 1-15.

Log-moment estimators for the generalized Linnik and Mittag-Leffler distributions with applications to financial modeling (with D. Cahoy), *Journal of Mathematics and Statistics*, (2018) 1-12.

Continuous Time Causal Mediation Analysis (with J. Albert, Y. Li, J. Sun, and N. Suchitra), *Biometrics*, (2018).

Levy process-based stochastic modeling for machine performance degradation prognosis (with P. Wand and R.X. Gao), *IEEE Transaction on Industrial Electronics*, (2018), 1-10 pp.

[Copulas and dependency measures for multivariate Linnik distributions](#), (with A. Belu and W. Maddox) *International Journal of Statistics and Probability*, 7(6) (2018), 27 pp.

[Continuous time causal mediation analysis](#), (with J.M. Albert, Y. Li, J. Sun, and N. Suchitra), *Statistics in Medicine* 38 (2019), 4334-4347.

Shanna Beth McGee, Professor, Theater

Playwright, "[Shadow of the Run Chapter 1: WanderLust](#)." Directed by Adam Kern. Produced by SecretPond LLC and Shadow of the Run LLC. Performed July 25-August 4, 2019, Bedford Heights, Ohio.

Co-Creator: [Railroaded, A Shadow of the Run Story](#). Directed by Christine Woods. Produced by SecretPond LLC and Shadow of the Run LLC. Performed January 10-12, 2020, in Bedford Heights, Ohio.

McGee, Beth. Theater Review. [“National Tour of Mean Girls at Playhouse Square is Entertaining, but not quite ‘Fetch.’”](#) *The Plain Dealer*, December 6, 2019.

McGee, Beth. Theater Review. "[Ensemble Theatre's Water by the Spoonful Drifts, but it's Buoyed up by Masterful Playwriting.](#)" The Plain Dealer, May 14, 2019.

McGee, Beth. Theater Review: "[Great Lakes Theater Conjures an Inventive, Thoughtful, and Very Funny Taming of the Shrew.](#)" The Plain Dealer, April 12, 2019.

Evelyn Adkins, Assistant Professor, Classics

"[The Skin of a Swallow: Apuleius Metamorphoses 6.26](#)," Classical Quarterly 69.1 (May 2019, 457-461).

Francesca Brittan, Associate Professor, Music

Colloquy, "[Music and Forms of Attention, 1790-1920](#)," Journal of the American Musicological Society 72/2 (Summer 2019).

"Music, Magic, and the Supernatural," chapter in The Cambridge Companion to Music and Romanticism, ed. Benedict Taylor. Cambridge: Cambridge University Press. Forthcoming.

"The Electrician, the Magician, and the Nervous Conductor," in "Music and the Medical Sciences," special issue, Nineteenth-Century Music Review. Forthcoming.

Cheryl Toman, Ruth Mulhauser Professor and Chair, Modern Languages and Literatures
BITO: Women's Museum, Therese Kuoh-Moukoury (author), Cheryl Toman (author and trans.) and Nicolas Eyidi (photographs). Rungis, France: La Doxa Editions, 2020, 120 pages.

Christopher Cullis, Francis Hobart Herrick Professor of Biology

Refereed Publications:

Vorster BJ, Cullis CA and Kunert KJ (2019) Plant Vacuolar Processing Enzymes. Front. Plant Sci. 10:479. doi: 10.3389/fpls.2019.00479

Cullis, Chris; Lawlor, David; Chimwamurombe, Percy; Bbebe, Nchimunya; Vorster, Barend; Kunert, Karl. (2019). [Development of marama bean, an orphan legume, as a crop](#). Food Energy and Security. e00164.

Book edited:

C.A. Cullis. Linum Genetics and Genomics (2019). Springer Nature Switzerland AG.

<https://doi.org/10.1007/978-3-030-23964-0>. Print ISBN978-3-030-23963-3. Online ISBN978-3-030-23964-0

Book Chapters:

Cullis C.A., Cullis M.A. (2019) Comparison Between the Genomes of a Fiber and an Oil-Seed Variety of Flax. In: Cullis C. (eds) Genetics and Genomics of Linum. Plant Genetics and Genomics: Crops and Models, vol 23. Springer, Nature Switzerland AG.

Bastaki N., Cullis C.A. (2019) Flax Transformation via Floral-Dipping. In: Cullis C. (eds) Genetics and Genomics of Linum. Plant Genetics and Genomics: Crops and Models, vol 23. Springer Nature Switzerland AG.

Cullis C.A. (2019) Disease Resistance Genes in Flax. In: Cullis C. (eds) Genetics and Genomics of Linum. Plant Genetics and Genomics: Crops and Models, vol 23. Springer Nature Switzerland AG.

Cullis C.A. (2019) Origin and Induction of the Flax Genotrophs. In: Cullis C. (eds) Genetics and Genomics of Linum. Plant Genetics and Genomics: Crops and Models, vol 23. Springer Nature Switzerland AG.

Cullis C.A., Cullis M.A. (2019) Flax Genome “Edits” in Response to the Growth Environment. In: Cullis C. (eds) Genetics and Genomics of Linum. Plant Genetics and Genomics: Crops and Models, vol 23. Springer Nature Switzerland AG.

Cullis C.A. (2019) Fundamental Insights into Plant Biology that Might Be Offered by Flax. In: Cullis C. (eds) Genetics and Genomics of Linum. Plant Genetics and Genomics: Crops and Models, vol 23. Springer Nature Switzerland AG.

Beth M. Carter, Assistant Professor, Modern Languages and Literature

Beth M. Carter, “[The Secret Mourning of an Evening Death: Genji’s Ritual, Practice, and Lament on Behalf of Yūgao](#),” Japanese Language and Literature 53, no. 2 (October 2019): 155–74, doi:10.5195/jll.2019.86.

Damaris Pinales-Alpizar, Associate Professor, Modern Languages and Literatures

Book:

[La maldita circunstancia. Ensayos sobre literatura cubana](#). (The Damn Circumstance. Essays on Cuban Literature). Leiden: Almenara Press (forthcoming in 2020).

Articles and chapters in books:

“Los motivos de la mujer de Lot: apuntes para una presentación.” (“Lot’s Wife’s Motives: Notes for a Presentation.” Lecturas atentas. Una visita desde la ficción y la crítica a las narradoras cubanas contemporáneas (Attentive Readings. [A Visit from Fiction and Criticism to Contemporary Cuban Women Writers](#).) (Eds. Mabel Cuesta and Elzbieta Sklodowska.) Leiden: Almenara Press, 2019: 247-260.

“Ediciones Vigía: de ‘la pobreza que irradia’ al arte como puente.” (Vigía’s Editions: from ‘the Irradiating Poverty’ to the Art as a Bridge.”) No tan nuevos mundos. Revista de Estudios Latinoamericanos 3, (2019): 86-97 (Spain).

Sandra Russ, Professor, Psychological Sciences

Russ, S. & Doernberg, E. (2019) Play and Creativity. In R. Sternberg & J. Kaufman (Eds.) Cambridge Handbook of Creativity 2nd Edition. (pp. 607-622). New York: Cambridge University Press.

Russ, S. & Lee, A. (2019) Pretend play in the classroom: Helping children grow. In M. Charles & J. Bellinson (Eds.) The importance of play in early childhood education: Psychoanalytic, attachment, and developmental perspectives. (pp. 19-32) New York: Taylor and Francis: Routledge.

Witt, S., Escherich, G., Rutkowski, S., Kappelhoff, G., Frygner-Holm, S. Russ, S., Quitmann, J., Bullinger, M. (2019). Exploring the potential of a pretend play intervention in young patients with leukemia. *Journal of Pediatric Nursing*, e98-e106.

Dimitropoulos, A., Zyga, O, & Russ, S. (2019). Early social cognitive ability in preschoolers with Prader-Willi syndrome and autism spectrum disorder. *Journal of Autism and Developmental Disorders*, 49, 4441-4454.