



13TH ANNUAL

VT Authors

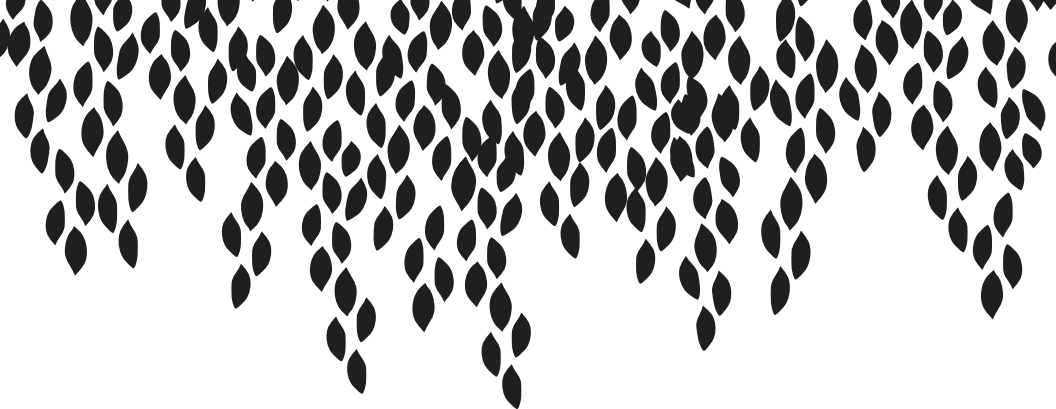
RECOGNITION EVENT



2017 PUBLICATIONS



UNIVERSITY LIBRARIES
VIRGINIA TECH.



VIRGINIA TECH AUTHORS RECOGNITION EVENT

MARCH 21st, 2018



UNIVERSITY LIBRARIES
VIRGINIA TECH.

Virginia Tech 2017 Publications

Listed alphabetically by department

Aerospace and Ocean Engineering

Devenport, W., & Glegg, S. (2017). *Aeroacoustics of low mach number flows: Fundamentals, analysis, and measurement*. London, United Kingdom: Academic Press.

Biological Sciences

Lazar, L.M., Kontoyianni, M., & Lazar, A. (2017). *Proteomics for drug discovery: Methods and protocols*. New York, NY: Humana Press.

Biomedical Engineering and Mechanics

Fayed, H.E., & Ragab, S. (2017). *Introduction to finite element analysis for engineers*. Boca Raton, FL: CRC Press.

Center for Leadership in Global Sustainability

Lawrence, J.L., & Wiebe, S.M. (2018). *Biopolitical disaster*. Abingdon, Oxon; New York, NY: Routledge.

Chemistry

Bauer, H.H. (2017). *Science is not what you think: How it has changed, why we can't trust it, how it can be fixed*. Jefferson, NC: McFarland & Company, Inc., Publishers.

Civil & Environmental Engineering

Ioannis, K. (2018). *Fundamentals of finite element analysis: Linear finite element analysis*. Wiley.

Communication

Denton, R.E., Jr. (2017). *The 2016 US presidential campaign: Political communication and practice*. Cham, Switzerland: Palgrave Macmillan.

Denton, R.E., Jr. (2017). *Political campaign communication: Theory, method, and practice*. Lanham, MD: Lexington Books.

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Hopkins, W. W. (2017). *Communication and the law*. Northport, AL: Vision Press.

Computer Science

Bowman, D., LaViola, J.J., Jr. Krujiff, E., McMahan, R.P., & Poupyrev, I.P. (2017). *3D User Interfaces: Theory and Practice* (2nd Edition). Addison-Wesley Professional.

Yao, D., Stolfo, S.J., Shu, X., & Cheng, L. (2018). *Anomaly Detection as a Service: Challenges, Advances, and Opportunities*. San Rafael, CA: Morgan & Claypool.

Economics

Haller, H., & Gersbach, H. (2017). *Groups and markets: General equilibrium with multi-member households*. Cham, Switzerland: Springer.

Engineering Education

Bairaktarova, D., & Eodice, M. (2017). *Creative ways of knowing in engineering*. Cham, Switzerland: Springer.

Reid, K.J. (2017). *Engineering design and the product life cycle: Relating customer needs, societal values, business acumen, and technical fundamentals*. New York, NY: Momentum Press.

English

Bliss, M. (2017). *Laurel and Hardy's comic catastrophes: Laughter and darkness in the features and short films*. Lanham, MD: Rowman & Littlefield.

Bowker, L.K. (2017). *Elegiac dialogues*. Bloomington, IN: AuthorHouse.

Falco, E. (2014). *Toughs: A novel*. Lakewood, CO: Unbridled Books.

Falco, E. (2017). *Wolf moon blood moon: Poems*. Baton Rouge, LA: Louisiana State University Press.

Giovanni, N. (2017). *A good cry: What we learn from tears and laughter*. New York, NY: William Morrow, an imprint of Harper Collins Publishers.

Mann, J. (2017). *Consent: Bondage tales*. Maple Shade, NJ: Unzipped Books.

Mann, J. (2017). *Insatiable*. Amherst, MA: Unzipped, an imprint of Lethe Press.

Roy, L. (2017). *Fabric: Poems*. Detroit, MI: Willow Books, a division of Aquarius Press.

Sano-Franchini, J., Monberg, T.G., & Yoon, K.H. (2017). *Building a community, having a home: A history of the Conference on College Composition and Communication Asian/Asian American caucus*. Anderson, SC: Parlor Press.



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Hallerman, E.M., & Hilsdorf, A.W.S. (2017). Genetic resources of neotropical fishes. Cham, Switzerland: Springer.

Foreign Languages and Literatures

Dickow, A. (2017). Max Jacob et le cinéma. Paris, France: Nouvelles Éditions Place.

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Johnson, N., & Raymond, L.A. (2018). Crustal Earth Materials. Long Grove, IL: Waveland Press, Inc.

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Agmon, D. (2017). A colonial affair: Commerce, conversion, and scandal in French India. Ithaca, NY: Cornell University Press.

Davis, W.C. (2016). Inventing Loreta Velasquez: Confederate soldier impersonator, media celebrity, and con artist. Carbondale, IL: Southern Illinois University Press.

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Robertson, J.I. (2015). After the Civil War: The heroes, villains, soldiers, and civilians who changed America. Washington, D.C.: National Geographic.

Thorp, D.B. (2017). Facing freedom: African American community in Virginia from reconstruction to Jim Crow. Charlottesville, VA: University of Virginia Press.

Winling, L.C. (2018). Building the ivory tower: Universities and metropolitan development in the twentieth century. Philadelphia, PA: University of Pennsylvania Press.



Human Development

Boucouvalas, M., McMullin, L., & Hess, R.U. (2017). *Metamorphosis through conscious living: A transpersonal psychology perspective*. Newcastle upon Tyne, United Kingdom: Cambridge Scholars Publishing.

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Abdelhadi, A., Clancy, T.C., & Shajaiah, H. (2018). *Resource allocation with carrier aggregation in cellular networks: Optimality and spectrum sharing using C++ and Matlab*. Cham, Switzerland: Springer.

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Stone, D.L., & Dulebohn, J.H. (2016). *Human resource management theory and research on new employment relationships*. Charlotte, NC: Information Age Publishing, Inc.

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Hodges, C., & Rich, P. (2017). *Emerging Research, Practice, and Policy on Computational Thinking*. Cham, Switzerland: Springer.

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Masterson, R. (2017). *Nuclear engineering fundamentals: a practical perspective*. Boca Raton, FL: CRC Press.

Philosophy

Parent, T. (2017). *Self-reflection for opaque mind: An essay in neo-Sellarsian philosophy*. New York, NY: Routledge, Taylor & Francis Group.

Pitt, J.C., & Shew, A. (2018). *Spaces for the future: A companion to philosophy of technology*. New York, NY: Routledge, Taylor & Francis Group.

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Apodaca, C. (2017). *State repression in post-disaster societies*. New York, NY: Routledge, Taylor & Francis Group.

Debrix, F. (2017). *Global powers of horror: Security, politics, and the body in pieces*. Abingdon, Oxon; New York, NY: Routledge, Taylor & Francis Group.

Kaylan, R. (2017). *Neo Delhi and the politics of postcolonial urbanism*. Abingdon, Oxon; New York, NY: Routledge, Taylor & Francis Group.

Plotica, L.P. (2018). *Nineteenth-century individualism and the market economy: Individualist themes in Emerson, Thoreau, and Sumner*. Cham, Switzerland: Palgrave Macmillan.

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Religion and Culture


Saffle, M., & Yang, H. (2017). *China and the West: Music, representation, and reception*. Ann Arbor, MI: University of Michigan Press.

Johnson, S.A., & Weitzman, S. (2017). *The FBI and religion: Faith and National Security before and after 9/11*. Oakland, CA: University of California Press.

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Emmons, P., Feuerstein, M., & Dayer, C. (2017). *Confabulations: Storytelling in architecture*. New York, NY: Routledge.

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Burton, J.K., Kim, S., Song, K., & Lockee, B. (2018). Gamification in learning and education: Enjoy learning like gaming. Cham, Switzerland: Springer.

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Mullen, C. (2017). Creativity and education in China: Paradox and possibilities for an Era of accountability. New York, NY: Routledge; Indianapolis, IN: Kappa Delta Pi.

Obilade, T.T. (2017). Dr. Titilola Obilade's Nigerian recipe cook book: Africa's simple dishes. Blacksburg, VA: Titilola T. Obilade.

Obilade, T.T. (2017). Make me see it!: Pedagogical strategies in visual literacy. Blacksburg, VA: Titilola T. Obilade.

Song, K., Kim, S., Lockee, B., & Burton, J.K. (2018). Gamification in learning and education: Enjoy learning like gaming. Cham Switzerland: Springer.

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Holliday, K.A., Gustar, A., Gerber, E., Davenport, R., Johnson, J., Underwood, P., Escande, P., Donahue, T., McKean, R., Laurin, R., Petak, S. Ban, Y., Janello, M.K., Spring, G., Božičević, I., Whetstone, P., Bartók, B., & Funaro, E. (2016). *Bela cycles*. Aliénor Records, Inc.

Holliday, K.A. (2017). *Four intervallics*. Blacksburg, VA: Primo Folio Publishing.

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Schenk, T. (2018). *Adapting infrastructure to climate change: Advancing decision-making under conditions of uncertainty*. London; New York: Routledge.

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Moseley-Christian, M., & Bradbury, C.A. (2017). *Gender, otherness, and culture in medieval and early modern art*. Cham, Switzerland: Palgrave Macmillan.

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Agozino, B. (2016). Critical, creative and centered scholar-activism: The fourth dimensionalism of Agquncha Arthur Nwankwo. New Haven, Enugu State, Nigeria: Fourth Dimension Publishing Co.

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Brunsmas, D.L., Coates, R.D., & Ferber, A.L. (2018). The matrix of race: Social construction, intersectionality, and inequality. Thousand Oaks, CA: SAGE Publications.

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Shoemaker, D.J. (2018). Juvenile delinquency. Lanham, MD: Rowman & Littlefield.

Statistics

Morton, S.C., & Gatsonis, C. (2017). Methods in comparative effectiveness research. Boca Raton, FL: CRC Press.

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Pratt-Clarke, M., & Maes, J.B. (2017). Journeys of social justice: Women of color presidents in the academy. New York, NY: Peter Lang Publishing, Inc.

Pratt-Clarke, M., Brown, V.A. (2017). A promising reality: Reflections on race, gender, and culture in Cuba. New York, NY: Peter Lang Publishing, Inc.

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Kessler, C. (2017). Fiddling at midnight's farmhouse. Bremono Bluff, VA: Cedar Creek Publishing.

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Sink, C.A. (2017). Practical transfusion medicine for the small animal practitioner, 2nd Edition. Ames, IA: John Wiley & Sons, Inc.



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Hodgson, J.L., & Pelzer, J.M. (2017). *Veterinary medical education: A practical guide*. Hoboken, NJ: John Wiley & Sons Inc.

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Wang, Y.

Alexithymia as a transdiagnostic precursor to empathy abnormalities: the functional role of the insula, *Frontiers in Psychology*, Frontiers.

Psychology

Ghane, M., Richey, J., & Valdespino, A.

Aligned nanofiber topography directs the tenogenic differentiation of mesenchymal stem cells, *Applied Sciences*, MDPI.

Biomedical & Veterinary Science

Popielarczyk, T.L.

Large Animal Clinical Sciences

Barrett, J.

Mechanical Engineering

Nain, A.S.

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Boyer, R., Neilson, A., O'Keefe, S.F., & Williams, R.C.

Plant Pathology

Denbow, C.

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Ahmed, S.A., Allen, I.C., Cecere, T., Eden, K., Luo, X., & Tavella, V.

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Lee, J., & Li, S.

Mathematics

Chung, M.



Assessment of Genetic Diversity and Population Structure in Iranian Cannabis Germplasm, Scientific Reports, Nature.

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Bombarely, A.

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Haak, D.C.

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Byron, C. & Trahan, R.A.

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Lu, R., & Zhu, H.

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Liu, D.

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Genetics, Bioinformatics, and Computational Biology

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Plant Pathology, Physiology, and Weed Science

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THE F CLEF QUINTET

The F Clef Quintet is a talented group of Virginia Tech undergraduate students. Made up of four cellists (Jamie Allen, Emily Cleland, Christina Lin, and Gina Sane) and an upright bassist (Ben Chase), the group has a combined expertise spanning more than 40 years. The musicians have participated in multiple student ensembles and, most notably, they played in Yo-Yo Ma's recent concert at Virginia Tech's Moss Arts Center. The F Clef Quintet's typical repertoire includes traditional classical quartet and quintet pieces as well as an array of dances from around the world.



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