

WEEK OF SCHOLARSHIP

A CELEBRATION OF
SCHOLARSHIP &
CREATIVE ACTIVITIES

APRIL 20, 2017

CAL STATE
EAST BAY

REZA AKHAVIAN, ENGINEERING

- Co-authored with Nath, N. D., & Behzadan, A. H. (2017). Ergonomic analysis of construction worker's body postures using wearable mobile sensors. *Journal of Applied Ergonomics*, 62, 107-117.
- Co-authored with Arabshahi, A., & Gaedicke, C. (2017), Barriers and incentives for affordable multi-family green building construction in California. CSCE/CRC International Construction Specialty Conference, Vancouver, Canada.
- Co-authored with Tandon J., & Gumina M., Pakpour N. (2017). CSU East Bay Hack Day: A university hackathon to combat malaria and zika with drones. *Proceedings of the IEEE Global Engineering Education Conference (EDUCON)*, Athens, Greece.
- Co-authored with Behzadan, A. H. (2016). Smartphone-based construction worker's activity recognition and classification. *Journal of Automation in Construction*, 71, 198-209.
- Co-authored with Leite, F., Cho, Y., Behzadan, A. H., Lee, S., Choe, S., Fang, Y., & Hwang, S. (2016). Visualization, information modeling and simulation grand challenges in the architecture, engineering, construction and facilities management industry. *Journal of Computing in Civil Engineering*.
- Co-authored with Asadi, E., Behzadan, A. H. (2016). Women in construction workshop: Outreach to female students from developing countries. *Proceedings of the Construction Research Congress (CRC)*.
- Co-authored with Behzadanm, A. H. (2016). Productivity analysis of construction worker activities using smartphone sensors. *Proceedings of the 16th International Conference on Computing in Civil and Building Engineering (ICCCBE2016)*, Osaka, Japan.
- Co-authored with Behzadanm, A. H. (2015). Wearable sensor-based activity recognition for data-driven simulation of construction workers' activities. *Proceedings of the 2015 Winter Simulation Conference*, Huntington Beach, CA.

ANA ALMEIDA, BIOLOGICAL SCIENCES

- Co-authored with Pineyro-Nelson, A., Sass, C., Iles, W. J. D., & Specht, C. D. (2017). Change of fate and laminarity as potential agents of floral diversification in the Zingiberales. *Journal of Experimental Zoology-B*, 328(1-2): 41-54.

SAEHYA ANN, HOSPITALITY, RECREATION AND TOURISM

Co-authored with Choi, H. S. (2017). Motivating senior staff in the hospitality industry: Group comparison based on generation, The Korea America Hospitality & Tourism Educators Association (KAHTEA) Conference, Las Vegas, NV, April, 2016.

Co-authored with Lee, K. W., & Choi, H. S. (2017). The impact of convention visitors' experiences for convention service on city branding: The case of Deagu, South Korea, The Korea America Hospitality & Tourism Educators Association (KAHTEA) Conference, Las Vegas, NV, April, 2016.

Co-authored with Choi, H. S., Hallab Z., Suratos, J., Elder, J., & Lu, T. (2017). On-campus dining students' experience in major northern California universities, The Korea America Hospitality & Tourism Educators Association (KAHTEA) Conference, Las Vegas, NV, April, 2016.

Hotel room attendant motivation, job satisfaction, and retention: A study in San Francisco Bay Area in the United States. (2016). *Journal of Distribution and Management Research*, 19(4), 55-61.

Co-authored with Jin, P., & Line, N. (2015). The full-service dining experience: An assessment of the generation-specific determinants of customer loyalty. *Journal of Foodservice Business Research*, 18(4).

MATTHEW ATENCIO, KINESIOLOGY

Co-authored with Beal, B., Wright, E. M., & McClain, Z. (In-press). *Moving boarders: Skateboarding and the changing landscape of urban youth sports*. Fayetteville, AR: University of Arkansas Press.

Co-authored with Beal, B., McClain, Z., & Wright, E.M. (In-press). Skateboarding, community and urban politics: Shifting practices and challenges. *International Journal of Sport Policy and Politics*.

Co-authored with Jess, M., & Carse, N. (In-press). Exploring complexity thinking in Physical Education: A collective yet unpredictable endeavor? *Sport Education and Society*.

Co-authored with Saito, E., Sato, M., Murase, M., & Atsuhi, M. (In-press). The teacher as a "colony": Towards agentive responses to education policy. *Cambridge Journal of Education*.

Co-authored with Smith, S. (2016). "Yoga is yoga. Yoga is yoga everywhere. You either practice or you don't": A qualitative examination of yoga social dynamics in the San Francisco area. *Sport in Society*, 19, 1-18.

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- Co-authored with Tan, Y. S. M. (2016). Teacher deliberation within the context of Singaporean curricular change: Pre- and in- service teachers' perceptions of outdoor education. *The Curriculum Journal*, 27(3), 368-386.
- Co-authored with Heng, M. A. (2016). "I assume they don't think!": Teachers' perceptions of Normal Technical students in Singapore. *The Curriculum Journal*, 1-19. <http://dx.doi.org/10.1080/09585176.2016.1181558>.
- Co-authored with Lim-Ratnam, C., & Lee, C. K. E. (2016). Managing the paradox of control: The case of ground-up implementation of active learning in Singapore's primary schools. *Educational Research for Policy and Practice*.
- Co-authored with Saito, E. (2016). Pedagogical content knowledge in action: Its impromptu development by an expert practitioner. *Pedagogy, Culture and Society*, 24(1), 101-121.
- Co-authored with Tan, Y. S. M. (2016). Reflecting upon researchers' and policymakers' tensions in the collaborative inquiry process: 'What do different commonplaces contribute to curriculum deliberation?' *Educational Action Research*. doi: 10.1080/09650792.2016.1173565.
- Co-authored with Tan, Y. S. M. (2016). Unpacking a place-based approach – 'What lies beyond?' Insights drawn from teachers' perceptions of Outdoor Education. *Teaching and Teacher Education*, 56, 25-34.
- Co-authored with Beal, B., Wright, M., & McClain, Z. (2016). "No one wants to mess with an angry mom": Females' negotiation of power technologies and ethical self-formation within a local skateboarding culture. In H. Thorpe, & R. Olive (Eds.), *Women in action sport cultures: Identity, politics, experience and pedagogy*. New York: Palgrave Macmillan.
- Co-authored with Lim-Arasaratnam, C. (2016). "Beginning is easy, continuing hard: Curriculum implementation in the Singaporean education system. In K. Tan, C. Lim-Arasaratnam, & M. Heng (Eds.), *Curriculum leadership by middle leaders: Theory, design and practice* (pp. 148-164). London: Routledge.
- Co-authored with Ho, S., Tan, Y.S.M. & Chew, T.C. (2016). Inclusion of outdoor education in the formal school curriculum: Singapore's journey. In B. Humberstone, H. Prince, & K. Henderson (Eds.), *International handbook of outdoor studies* (pp. 277-287). London: Routledge.
- Co-authored with Jess, M., & Carse, N. (2016). The developmental physical education group: An emergent collaborative self-study. In A. Ovens, & D. Garbett (Eds.). *Enacting self-study as methodology for professional inquiry* (pp. 101-108). American Educational Research Association.

- Co-authored with Tan, Y. S. M., Ho, S., & Chew, T.C. (2015). The place and approach of outdoor learning within an emerging holistic curricular agenda: development of Outdoor Education practice in Singapore. *Journal of Adventure Education and Outdoor Learning*, 15(3), 181-192.
- Co-authored with Tan, Y. S. M., Ho, S., & Chew, T.C. (2015). “The strawberry generation... they are too pampered”: pre-service Physical Education teachers’ perspectives of Outdoor Education in Singapore. *European Physical Education Review*, 21, 31-50.
- Co-authored with McEvilly, N., & Verheul, M. (2015). Developing children: Developmental discourses underpinning physical education at three Scottish preschool settings. *Sport, Education and Society*. <http://dx.doi.org/10.1080/13573322.2015.1114917>.
- Co-authored with McEvilly, N., & Verheul, M. (2015). Physical education at preschools: practitioners’ and children’s engagements with physical activity and health discourses. *British Journal of Sociology of Education*, 36(6), 832-852.
- Co-authored with Beal, B. (2015). The “legitimate” skateboarder: Politics of private-public skateboarding spaces. In K. J. Lombard (Ed.), *The subculture of skateboarding* (pp. 108-120). London: Routledge.
- Co-authored with McEvilly, N., & Verheul, M. (2015). Physical Education in preschools: the meaning of Physical Education to practitioners at three preschool settings in Scotland. *Physical Education and Sport Pedagogy*, 20(2), 117-130.

DUKE W. AUSTIN, SOCIOLOGY AND SOCIAL SERVICES

- Co-authored with Verma, S., & Maloney, P. (2017). The school to deportation pipeline: The perspectives of immigrant students and their teachers on profiling and surveillance within the school system. *The Annals of the American Academy of Political and Social Science* (forthcoming).
- Hyper-masculinity and disaster: The reconstruction of hegemonic masculinity in the wake of calamity. (2016). In E. Enarson, & B. Pease (Eds.), *Men, masculinities, and disasters: Revisiting the gendered terrain of disaster* (pp. 45-55). New York: Routledge.
- Co-authored with Rush Woods, D., Taylor, S., Beck, J., ... , & Weiss, J. (2015). Building an inclusive, accessible, and responsive campus at California State University, East Bay, 2010-2015. *Perspectives on Communication Disorders and Sciences in Culturally Linguistically Diverse Populations*, 22(2): 40-89.

DEBRA BARRETT-GRAVES, ENGLISH

25 biographical entries. (2016). In C. Levin, A. Riehl Bertolet, & J. Eldridge Carney, J. (Eds.), *A biographical encyclopedia of early modern englishwomen: Exemplary lives and memorable acts, 1500-1650*. London: Routledge, 2016.

JEFFRA BUSSMANN, UNIVERSITY LIBRARIES

Co-authored with Wakimoto, D. K., Alexander, S., Guo, J., & Winkelman, P. (2016). Campus-wide information literacy assessment: An opportunity for library leadership through understanding faculty perspectives. *Library Leadership & Management*, 31(1), 1-19.

MARY CARDARAS, COMMUNICATION

Co-produced with Chan, K., & Beck, C. (Director). (2017). *Sunday Dinner* [Motion picture]. United States: Bummer Lamb Pictures

Documentary film: An insiders perspective. (2016). San Diego: Cognella Academic Publishing.

LI-LING CHEN, TEACHER EDUCATION

“A model for effective online instructional design. (2016). *Literacy Information and Computer Education Journal (LICEJ)*, 6(2), 2303-2308.

Impacts of flipped classroom in high school health education. (2016). *Journal of Educational Technology System*, 44(4), 411-420.

HYUNSUK CHOI, HOSPITALITY, RECREATION AND TOURISM

Co-authored with Ann, S. H., Hallab, Z., Suratos, J., Elder, J., & Lu, T. (2017). On-campus dining students' experience in major northern California Universities. Korea America Hospitality & Tourism Educators Association, Las Vegas, NV, 2017.

Co-authored with Lee, K. W., & Ann, S. H. (2017). The impact of convention visitors' experiences for convention service on city branding: The case of Daegu, South Korea. Korea America Hospitality & Tourism Educators Association, Las Vegas, NV, 2017.

Co-authored with Chua, B., Lee, S. H., & Huffman, L. (2015). The role of physical environment in leisure service consumption: Evidence from a ski resort setting. *International Journal of Hospitality & Tourism Administration*, 16(4).

AI LEEN CHOO, COMMUNICATIVE SCIENCES AND DISORDERS

Co-authored with Chang, S. E., Angstadt, M., Chow, H. M., Etchell, A. C., Garnett, E. O., Kessler, D., Welsh, R. C., & Sripada, C. (In-press). Anomalous network architecture of the resting brain in children who stutter. *Journal of Fluency Disorders*.

Co-authored with Burnham, E., Hicks, K., & Chang, S-E. (2016). Dissociations among linguistic, cognitive, and auditory-motor neuroanatomical domains in children who stutter. *Journal of Communication Disorders*, 61, 29-47

Co-authored with Chang, S. E., Zhu, D. C., & Angstadt, M. (2015). White matter neuroanatomical differences in young children who stutter. *Brain*, 138(3), 694-711.

JOHN M. DAVIS, EDUCATIONAL PSYCHOLOGY

Co-authored with Broitman, J. (2016). Team collaboration for the best practice treatment of NVLD across three systems: School-based, hospital-based, and family-based. In B. Rissman (Ed.), *Medical and educational perspectives on nonverbal learning disability in children and young adults* (pp. 136-162). Hershey, PA: IGI Global Publishers.

ELENA DUKHOVNY, COMMUNICATIVE SCIENCES AND DISORDERS

Co-authored with Zhou, Y. (2016) Effects of icon size and location on speed and accuracy of SGD access. *Augmentative and Alternative Communication*, 32(4), 241-248.

ROBERTA F. DURHAM, NURSING AND HEALTH SCIENCES

Co-authored with Taylor, H., & Oldershaw, S. (2016). Screening and tests in pregnancy. *Healthy Mom & Baby*, 20, 36-37.

Report to The Julia Burke Foundation for grant project "Reaching the unreachable: Global health medical brigade." (2016). Kona, HI: The Julia Burke Foundation.

Co-authored with Kilgallen, P. (2016). *Report of findings on quality improvement: Survey for global health clinical in Panama*. Oakland, CA: Report to Hands for Global Health and Hands for Americas; Santiago, Panama: Hands for Americas.

ERIC ENGDAHL, TEACHER EDUCATION & EDUCATIONAL LEADERSHIP

Co-authored with Winkelman, P. (2017) Preservice teachers: Advocating for the arts to preservice administrators. In G. Diaz, & M. McKenna, (Eds.), *Preparing educators for arts integration: Placing creativity at the center of learning*. New York: Teacher's College Press.

ALINA ENGELMAN, NURSING AND HEALTH SCIENCES

Co-authored with Ivey, S, Tseng, W., & Neuhauser, L. (2017). Risk perception and perceived self-efficacy of deaf and hard-of-hearing seniors and young adults in emergencies. *Journal of Emergency Management*, 15(1), 177-185.

Co-authored with Dearnorff, J. (2016). Cultural competence training for law enforcement responding to domestic violence emergencies with the deaf. *Journal of Health Promotion Practice*, 17(2), 177-185.

Co-authored with et al. (2016). Responding to the deaf in disasters: Establishing the need for systematic training for state-level emergency management agencies and community organizations. In G. Kapur, A. Baez, A, & G. Job. (Eds.), *Vulnerable populations and disaster: Risk reduction, resilience, management and recovery*. Waretown, NJ: Apple Academic Press.

TYLER EVANS, BIOLOGICAL SCIENCES

Co-authored with Elisan-Visperias, A. (2017) Resolving spatial and temporal patterns of coral bleaching risk using image analysis: An active learning experience to improve climate change literacy in college students. *Journal of Biological Education*, 1-12. <http://dx.doi.org/10.1080/00219266.2017.1285806>

Co-authored with Pespeni, M. H., Hoffman, G. E., Palumbi, S. R., & Sanford, E. (2017). Transcriptomic responses to seawater acidification among sea urchin populations inhabiting a natural pH mosaic. *Molecular Ecology*. doi: 10.1111/mec.14038

Co-authored with Diamond, S. E., & Kelly, M. K. (2015). Mechanistic species distribution modelling as a link between physiology and conservation. *Conservation Physiology*, 3(1), cov056. <https://doi.org/10.1093/conphys/cov056>

Considerations for the use of transcriptomics in identifying the 'genes that matter' for environmental adaptation. (2015). *Journal of Experimental Biology*, 218: 1925-1935. doi: 10.1242/jeb.114306.

Co-authored with Padilla-Gamiño, J. L., Kelly, M. W., Pespeni, M. H., Chan, F., Menge, B. A., Gaylord, B., ... Hofmann, G. E. (2015). Ocean acidification research in the 'post-genomic' era: Roadmaps from the purple sea urchin *Strongylocentrotus purpuratus*. *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 185(July 2015), 33-42. <http://dx.doi.org/10.1016/j.cbpa.2015.03.007>

PATRICK E. FLEMING, CHEMISTRY AND BIOCHEMISTRY

Co-authored with Khorasani, R. (2016). On calculating H-R bond enthalpies using computational data. *Computational and Theoretical Chemistry*, 1096, 89-93. doi: 10.1016/j.comptc.2016.09.033

MARY F. FORTUNE, HOSPITALITY, RECREATION AND TOURISM

Co-authored with Padron, T. C., Spielman, M., & Tjoei, S. (2017). The job shadow assignment: Career perceptions in hospitality, recreation & tourism. *Research in Higher Education Journal*, 32, 1-20.

AMY K. FURNISS, PHYSICS

Co-authored with Abeysekara, A.U., Archambault, S., Archer, A., et al. (2017). Search for spectral hysteresis and energy-dependent time lags from the X-Ray and TeV Gamma-Ray observations of Mrk 421. *The Astrophysical Journal*, 837(2).

Co-authored with Archambault, S., Archer, A., Benbow, W., et al. (2017). Search for magnetically broadened cascade emission from blazars with VERITAS. *The Astrophysical Journal*, 835(288).

Co-authored with Archambault, S., Archer, A., Benbow, W., et al. (2017). Gamma-Ray observations of Tycho's Supernova Remnant with VERITAS and Fermi. *The Astrophysical Journal*, 836(23).

Co-authored with Abeysekara, A. U., Archambault, S., Archer, A., et al. (2017). A luminous and isolated Gamma-ray flare from the Blazar B2 1215+30. *The Astrophysical Journal*, 836(205).

Co-authored with Rosa-Gonzalez, D., Coutino de Leon, S., Mayya, Y. D., et al. (2017). On the redshifts of the BL Lac 3FGL J0909.0+2310 and its close companion. *The Monthly Notices of Royal Astronomy Society*, 466(540).

Co-authored with Abeysekara, A. U., Archambault, A., Archer, A., et al. (2016). Exceptionally bright TeV flares from the binary LS I +61 303. *The Astrophysical Journal Letters*, 817(7).

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- Co-authored with Ackermann, M., Atwood, W. B., Baldini, L., et al. (2016). 2FHL: The second catalog of Hard Fermi-LAT Sources. *The Astrophysical Journal Supplement*, 222(5).
- Co-authored with Abeysekara, A. U., Archambault, A., Archer, A., et al. (2016). A search for brief optical flashes associated with the SETI Target KIC 8462852. *The Astrophysical Journal Letters*, 818(2), L33.
- Co-authored with Balokovic, M., Paneque, D., Madejski, G., et al. (2016). Multiwavelength study of quiescent states of Mrk 421 with unprecedented hard X-ray coverage provided by NuSTAR in 2013. *The Astrophysical Journal*, 819(2), 156.
- Co-authored with Archer, A., Benbow, W., Bird, R., et al. (2016). TeV Gamma-Ray observations of the Galactic Center Ridge by VERITAS. *The Astrophysical Journal Letters*, 815(22).
- Co-authored with Archambault, S., Archer, A., Benbow, W., et al. (2016). Upper limits from five years of Blazar Observations with the VERITAS Cherenkov Telescopes. *Astronomical Journal*, 151(142).
- Co-authored with Abeysekara, A. U., Archambault, A., Archer, A., et al. (2016). VERITAS and multiwavelength observations of the BL Lacertae Object 1ES 1741+196. *Monthly Notices of the Royal Astronomy Society*, 459(2550).
- Co-authored with Archambault, A., Archer, A., Barnacka, A., et al. (2016). Discovery of very high energy Gamma-Rays from 1ES 1440+122. *Monthly Notices of the Royal Astronomy Society*, 461(202).
- Co-authored with Aliu, E., Archambault, S., Archer, A., et al. (2016). Very high energy outburst of Markarian 501 in May 2009. *Astronomy and Astrophysics*, 594(76).
- Co-authored with Archer, A., Benbow, W., Bird, R., et al. (2016). Very high energy observations of the Binaries V 404 Syg and 4U 0115+634 during Giant X-Ray Outbursts. *The Astrophysical Journal*, 831(113).
- Co-authored with Madejski, G. M., Nalawajko, K., Madsen, K. K., et al. (2016). First NuSTAR observations of the BL Lac-type Blazar PKS 2155-304: Constraints on the jet content and distribution of radiating particles. *The Astrophysical Journal*, 831(142).
- Co-authored with Aliu, E., Archambault, S., Archer, A., et al. (2016). A search for very high energy gamma rays from the Missing Link BINARY Pulsar J1023+0038 with VERITAS. *The Astrophysical Journal*, 831(193).
- Co-authored with Aleksic, J., Ansoldi, S., Antonelli, L.A., et al. (2015). Multiwavelength observations of Mrk 501 in 2008. *Astronomy & Astrophysics*, 573 (A50).

- Co-authored with Aliu, E., Archer, A., Aune, T., et al. (2015). VERITAS observations of the BL Lac Object PG 1553+113. *The Astrophysical Journal*, 799(1), 7. <https://doi.org/10.1088/0004-637X/799/1/7>
- Co-authored with D'Ammando, F., Orienti, M., Finke, J., et al. (2015). The most powerful flaring activity from the NLSy1 PMN J0948+0022. *Monthly Notices of the Royal Astronomical Society*, 446(3), 2456-2467.
- Co-authored with Aliu, E., Archambault, S., Archer, A., et al. (2015). A search for pulsations from Geminga above 100 GeV with VERITAS. *The Astrophysical Journal*, 800(1), 61.
- Co-authored with Furniss, A., Sutter, P.M., Primack, J.R., & Dominguez, A. (2015). A correlation between hard gamma-ray sources and cosmic voids along the line of sight. *Monthly Notices of the Royal Astronomical Society*, 446(3), 2267-2273.
- Co-authored with Furniss, A., Noda, K., Boggs, S., et al. (2015). First NuSTAR observations of Mrk 501 within a radio to TeV multi-instrument campaign. *The Astrophysical Journal*, 812(1), 65. <https://doi.org/10.1088/0004-637X/812/1/65>
- Co-authored with Aleksic, J., Ansoldi, s., Antonelli, L. A., et al. (2015). The 2009 multiwavelength campaign on Mrk 421: Variability and correlation studies. *Astronomy & Astrophysics*, 576(A126).
- Co-authored with Aleksic, J., Ansoldi, s., Antonelli, L. A., et al. (2015). Unprecedented study of the broadband emission of Mrk 421 during flaring activity in March 2010. *Astronomy and Astrophysics*, 578(A22).
- Co-authored with Hayashida, M., Nalewajko, K., Madejski, G. M., et al. (2015). Rapid variability of Blazar 3C 279 during flaring states in 2013-2014 with joint Fermi-LAT, NuSTAR, swift and ground-based multiwavelength observations. *The Astrophysical Journal*, 807(1), 79.
- Co-authored with Archambault, S., Archer, A., Bellicke, M., et al. (2015). VERITAS detection of Gamma-ray flaring activity from the BL Lac Object 1ES 1727+502 during bright moonlight observations. *The Astrophysical Journal*, 808(2), 110.
- Co-authored with Ackermann, M., Ajello, M., Atwood, W.B., et al. (2015). The third catalog of active galactic nuclei detected by the Fermi Large Area Telescope. *The Astrophysical Journal*, 810(14).
- Co-authored with Abeysekara, A. U., Archambault, A., Archer, A., et al. (2015). Gamma-Rays from the Quasar PKS 1441+25: Story of an escape. *The Astrophysical Journal Letters*, 815(22).

FARNAZ GANJEIZADEH, ENGINEERING

- Co-authored with H. Lei, F. & Nordmeyer, J. Phung (In-press). Student learning trends in a freshman-level introductory engineering course. The IEEE Global Engineering Education Conference (EDUCON), Athens, Greece, 2017. New York: IEEE.
- Co-authored with Lei, H., Jayachandran, P. K., & Ozcan, P. (2015). A statistical analysis of the effects of Scrum and Kanban on software development projects. *Robotics and Computer-Integrated Manufacturing Journal*, 43, 59.
- Co-authored with Banerjee. (2015). A holonic approach to sustainable green supply chain. The International Conference on Flexible Automation and Intelligent Manufacturing, Wolverhampton, UK, 2015. London: Elsevier
- Co-authored with Banerjee, A. & Mukhopadhyay, S. K. (2015). On some aspects of Reverse Logistics Maturity Syndrome. The International Conference on Flexible Automation and Intelligent Manufacturing, Wolverhampton, UK, 2015. London: Elsevier

ELENA GIVENTAL, ANTHROPOLOGY, GEOGRAPHY AND ENVIRONMENTAL STUDIES

- Addis Ababa urbanism: Indigenous urban legacies and contemporary challenges. (2017). *Journal of Geography and Geology*, 9(1), 25-36. doi: 10.5539/jgg.v9n1p25
- Co-authored with Meredith, D. (2016). Hydro-politics and hydro-economics: Comparing upstream and downstream challenges for Vietnam and Ethiopia. *The APCG Yearbook*, 78, 148-167.
- Co-authored with Meredith, D. (2016). Vietnam's water vulnerabilities: Assessment of environmental and political implications. Singapore *Journal of Tropical Geography*, 37(1), 59-75.

MICHAEL P. GROZIAK, CHEMISTRY AND BIOCHEMISTRY

- Co-authored with Nourie, H. C., Buglo, E., Sarina, E. A., & Olmstead, M. M. J. (2017). New angular polycyclic aromatic boron heterocycle ring systems. *Journal of Heterocyclic Chemistry*, 54, 749-752.
- Co-authored with Ward, M. S., Silva, I., Martinez, W., Jefferson, J., Rahman, S., Garcia, J. M., & Xu, H. H. (2016). Identification of cellular targets of a series of boron Hhterocycles using TIPA II - a sensitive target identification platform. *Bioorganic & Medicinal Chemistry*, 24, 3267-3275.

Co-authored with Wang, B. J. (2016). Recent developments in the chemistry of Boron Heterocycles. In C. A. Ramsden, *Advances in heterocyclic chemistry, Vol. 118*, (pp. 47-90). Oxford: Elsevier Science, Ltd.

Co-authored with Sarina, E. A., Olmstead, M. M., & Kanichar, D. (2015). Zwitterion produced by a strong intramolecular NB interaction in 1-Hydroxy-2-(pyridin-2-ylcarbonyl)benzo[d][1,2,3]diazaborinine. *Acta Crystallogr, C71*, 1085–1088.

Co-authored with Jordan, C. A., Sandoval, B. A., Serobyian, M. V., Gilling, D. H., Xu, H. H., & Vey, J. L. (2015). Crystallographic insights into the structure-activity relationships of Diazaborine Enoyl-ACP reductase inhibitors. *Acta Crystallogr, F71*, 1521–1530.

MARLIN HALIM, CHEMISTRY AND BIOCHEMISTRY

Co-authored with Edogun, O., & Nguyen, N.H. (2016). Fluorescent single-stranded DNA-based assay for detecting unchelated gadolinium (III) ions in aqueous solution. *Analytical and Bioanalytical Chemistry, 408*, 4121-4131.

LISA HANDWERKER, HUMAN DEVELOPMENT AND WOMEN'S STUDIES & ANTHROPOLOGY, GEOGRAPHY AND ENVIRONMENTAL STUDIES

Yanzhong Huang: Governing health in contemporary China [Review of the book *Governing Health in Contemporary China*]. (2016). *East Asian Science, Technology and Medicine, 41*.

KATHRYN N. HAYES, EDUCATIONAL LEADERSHIP

Co-authored with Lee, C. S., O'Connor, D., Seitz, J. C., & DiStefano, R. (In-press). The diverse forms of teacher leadership: A typology and survey tool for middle school science. *Journal of School Leadership*.

Co-authored with Lee Bae, C. S., Seitz, J. C., O'Connor, D., & DiStefano, R. (2016). A coding tool for examining the substance of teacher professional learning with example cases from middle school science lesson study. *Teaching and Teacher Education, 60*, 164-178.

Co-authored with Lee, C. S., DiStefano, R., O'Connor, D., & Seitz, J. (2016). Measuring science instructional practice: A survey tool for the age of NGSS. *Journal of Science Teacher Education, 27*, 137-164

Co-authored with Lee, C. S., DiStefano, R., Seitz, J. C., & O'Connor, D. (2016). Engagement as a mediating factor between student motivation and science achievement in middle school. *International Journal of Science Education, 38*(2), 192-215.

- Neoliberalism in historical light: How business models displaced science education goals in two eras. (2016). *Educational Leadership and Administration: Teaching and Program Development Journal*, 27, 1-18.
- Co-authored with Trexler, C.J. (2016). Testing predictors of instructional practice in elementary science education: The significant role of accountability. *Science Education*, 100(2), 266-289.
- Co-authored with Yamashita, L., & Trexler, C.J. (2016). How pre-service teachers navigate the trade-offs of food systems across time scales: A lens for exploring understanding of sustainability. *Environmental Education Researcher*.

MICHAEL HEDRICK, BIOLOGICAL SCIENCES

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Booklet compiled and designed by Lana M. Wood
Booklet cover designed by Diana K. Wakimoto

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