

## MICHAEL M. PHILLIPS, PH.D.

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### EDUCATION

Ph.D. Michigan State University, Educational Psychology and Technology, East Lansing, MI  
B.S. University of Nebraska at Omaha, Psychology, Omaha, NE  
*Summa Cum Laude*

### PROFESSIONAL EXPERIENCE

2022-present **Research Faculty, Associate-level Specialist**, Office of Public Health Studies, University of Hawai'i at Mānoa  
2021-2022 **Research Faculty, Junior-level Specialist**, Office of Public Health Studies, University of Hawai'i at Mānoa  
2020-present **Owner**, MP Research & Consulting, LLC  
2021 **Professor**, School of Psychological Sciences, University of Northern Colorado (UNCO)  
2015-2021 **Associate Professor (tenured)**, School of Psychological Sciences, University of Northern Colorado (UNCO)  
2009-2015 **Assistant Professor**, School of Psychological Sciences, University of Northern Colorado (UNCO)  
2008-2009 **Visiting Assistant Professor**, School of Psychological Sciences, University of Northern Colorado (UNCO)  
2007-2008 **Researcher**, Mid-continent Research for Education and Learning (McREL), Denver, CO  
2006 **Academic Technology Integration Specialist**, Broad College of Business, Michigan State University  
2002-2007 **Research and Teaching Assistant**, Michigan State University

### PUBLICATIONS

\*Graduate or Undergraduate Student Co-author

*In Preparation*

\*Baloran, R., \*Kawakami, K. L., **Phillips, M.M.**, \*Maeda, H., Haro, P., & Chung-Do, J. (submitted). Listening to former smokers in Hawai'i: Perspectives on provider relationships and current health status.

*Peer-reviewed Articles*

Phillips, K.T., **Phillips, M.M.**, Lalonde, T.L., & Stein, M.D. (2023, Online First). Momentary craving, craving variability, and cannabis use: Associations with THC concentrates and sex. *Journal of Studies on Alcohol and Drugs*.

- Pugh, K.J., Bergstrom, C.M., **Phillips, M.M.**, Sexton, J.M., Olson, C. & Riggs, E. M. (2023, Online First). Perceived connection to instructor and instructor passion as predictors of transformative experience. *Education Sciences*, 13(5).
- Phillips, M.M.**, Weldon, R. H., \*Maniar, A., \*Patil, U., Kostareva, U., Agner, J., \*Finn, J., & Sentell, T. (2022). Social networks, health information sharing, and pandemic perceptions among young adults in Hawai'i during the COVID-19 pandemic. *International Journal of Environmental Research and Public Health*, 19(24), 16833.
- Phillips, K.T., Prince, M.A., **Phillips, M.M.**, Lalonde, T.L., & Stein, M.D. (2022). Momentary patterns of alcohol and cannabis co-use: Assessing the temporal influence of anxiety. *Cannabis*, 5(1), 42-58.
- \*Naibert, N., \*Duck, K.D., **Phillips, M.M.**, Barbera, J. (2021). Multi-institutional comparative study of self-efficacy within flipped chemistry courses. *Journal of Chemical Education*, 98(5), 1489-1502.
- Pugh, K.J., Paek, S.H., **Phillips, M.M.**, Sexton, J., Bergstrom, C.M., Riggs, E.M., & Flores, S. (2020). Predicting academic and career choice in geoscience: The role of transformative experience, connection to instructor, and gender. *Journal of Research in Science Teaching*, 58(6), 822-851.
- \*Pellegrino, A.J., \*Duck, K.D., \*Kriescher, D.P.J., \*Shrake, M.E., **Phillips, M.M.**, Lalonde, T.L., & Phillips, K.T. (2020). Characterizing symptoms and predictors of Cannabis Use Disorder in a sample of young adults. *Journal of Drug Issues*, 50(4), 524-537.
- \*Naibert, N., \*Geye, E., **Phillips, M.M.**, Barbera, J. (2020). A multi-course comparative study of the core aspects for flipped learning: Investigating in-class structure and student use of video resources. *Journal of Chemical Education*, 97(10), 3490-3505.
- Komperda, R., \*Hosbein, K.N., **Phillips, M.M.** & Barbera, J. (2020). Investigation of evidence for the internal structure of a modified Science Motivation Questionnaire II (mSMQ II): A failed attempt to improve instrument functioning across course, subject, and wording variants. *Chemistry Education Research and Practice*, 21, 893-907.
- Pugh, K.J., **Phillips, M.M.**, Bergstrom, C.M., Sexton, J., & Riggs, E.M. (2019). A quantitative investigation of geoscience department factors associated with the recruitment and retention of female students. *Journal of Geoscience Education*, 67(3), 266-284.
- Phillips, K.T., **Phillips, M.M.**, Lalonde, T.L., & Prince, M.A. (2018). Does social context matter? An ecological momentary assessment study of marijuana use among college students. *Addictive Behaviors*, 83, 154-159.
- Phillips, K.T., **Phillips, M.M.**, & \*Duck, K.D. (2018). Factors associated with marijuana use and problems among college students in Colorado. *Substance Use & Misuse*, 53(3), 477-483.
- Phillips, K.T., Lalonde, T.L., **Phillips, M.M.**, & \*Schneider, M. M. (2017). Marijuana use and associated motives in Colorado university students. *The American Journal on Addictions*, 26(8), 830-837.
- \*Ferrell, B., **Phillips, M.M.**, & Barbera, J. (2016). Connecting achievement motivation to performance in general chemistry. *Chemistry Education Research and Practice*, 17(4), 1054-1066.
- \*Bergstrom, C.M., Pugh, K.J., **Phillips, M.M.** & \*Machlev, M. (2016). Effects of problem-based learning on recognition learning and transfer accounting for GPA and goal orientation. *Journal of Experimental Education*, 84(4), 764-786.
- Phillips, K.T., **Phillips, M.M.**, Lalonde, T.L., & \*Tormohlen, K.N. (2015). Marijuana use, craving, and academic motivation and performance among college students: An in-the-moment study, *Addictive Behaviors*, 47, 42-47.
- Phillips, M. M.**, Phillips, K.T., Lalonde, T.L., & \*Dykema, K. (2014). Feasibility of text messaging for ecological momentary assessment of marijuana use in college students. *Psychological Assessment*, 26(3), 947-957.

Pugh, K.J. & **Phillips, M.M.** (2011). Helping students develop an appreciation for school content. *Theory into Practice*, 50, 285-292.

Yadav, A., **Phillips, M.M.**, Lundeberg, M.A., Koehler, M.J., Clouse, K., & Dirkin, K.H. (2011). If a picture is worth a thousand words is video worth a million? Differences in affective and cognitive processing of video and text cases. *Journal of Computing in Higher Education*, 23(1), 15-37.

Koehler, M.J., Yadav, A., **Phillips, M.**, Cavazos-Kottke, S.C. (2005). What is video good for? Examining how media and story genre interact. *Journal of Educational Multimedia and Hypermedia*, 14 (3) 249-272.

#### Peer-Reviewed Book Chapter

Pugh, K.J., Linnenbrink-Garcia, L., **Phillips, M.M.**, & Perez, T. (2015). Supporting the development of transformative experience and interest. In K. A. Renninger, M. Nieswandt, and S. Hidi (Eds.), *Interest, the self, and K-16 mathematics and science learning* (pp. 369-383). Washington, DC: AERA.

#### Technical Reports

**Phillips, M. M.** & Sentell, T. L. (2023). *Reflections on Hawai'i's COVID-19 Pandemic Response*. Prepared for the Chronic Disease Prevention and Health Promotion Division and the Office of Health Equity at the Hawai'i Department of Health. Unpublished technical report.

**Phillips, M. M.** & Sentell, T. L. (2023). *Office of Health Equity Community Survey: A self-assessment from the perception of external partners*. Prepared for the Chronic Disease Prevention and Health Promotion Division and the Office of Health Equity at the Hawai'i Department of Health. Unpublished technical report.

**Phillips, M.M.**, Linder-VanBerschot, J.A., & Waldorf, L.A. (2008). *Listening to principals: An evaluation of the Balanced Leadership Program*. Unpublished technical report.

Moore, L., Linder-VanBerschot, J.A., & **Phillips, M.M.** (2008). *Memorial HealthWorks! Kids' Museum program evaluation 2007-2008*. Unpublished technical report.

## GRANTS PREPARATION

### Funded

#### Submitted

(Submitted, March 2023). *Leveraging epidemiological data to inform the development of a just-in-time-adaptive-intervention for diverse young adults co-using e-cigarettes and cannabis*. Investigators: K. Phillips (M-PI), P. Pokhrel (M-PI); **Michael Phillips (Co-I)**, Y. Wu (Co-I). Submitted to the National Institutes of Health (NIH; R61/R33). (\$3.76M)

#### Ongoing

*Adaptive ecological momentary intervention to reduce negative consequences associated with simultaneous marijuana and alcohol use in young adults*. (2022-2025; R34DA056759) Investigators: K. Phillips (PI), **M. Phillips** (Co-I), T. Lalonde (Co-I), M. Prince (Co-I), & M. Stein (Boston Univ. - OSC). National Institutes of Health (NIH; NIDA). (\$685,000)

*State Epidemiological Outcomes Workgroup/ State Community Partners Workgroup*. (9/2020-3/2024) Investigator: **M. Phillips** (UH PI: 9/2022 - 3/2024). Hawai'i Department of Health (DOH), funding from Substance Abuse and Mental Health Services Administration (SAMHSA). (2022-2024; \$570,000)

*Contextual factors of the risk environment surrounding injection drug use: A real-time approach*. (2021-2023; R21DA052877) Investigators: Kristina Phillips (PI), Michael Stein (Co-I). National Institutes of Health (NIH; NIDA). (\$426,000); Consultant: **M. Phillips**

#### Completed

*An Ecological Momentary Intervention (EMI) to increase undergraduate student academic motivation and emotion* (2018-2020). Investigator: **M. Phillips** (PI). University of Northern Colorado, Research Dissemination and Faculty Development (RDFD). (Internal; \$9990)

*Assessing the impacts of the flipped classroom environment on student learning and motivation in chemistry* (2016-2020; DUE/IUSE: 1611220 & 1611519). Investigators: **M. Phillips** (UNC-PI), J. Barbera (Portland State University-PI). National Science Foundation (NSF): Collaborative research. (\$299,900)

*Understanding the dynamics of college student marijuana use: A study using EMA* (2016-2020; 1R15DA041656-01). Investigators: **M. Phillips** (M-PI), K. Phillips (M-PI), Lalonde (Co-I) & Stein (Co-I). National Institute on Drug Abuse (NIDA) / National Institutes of Health (NIH). (\$410,000)

*Recruitment and retention of women in geosciences: An investigation of individual and environmental factors* (2012-2015, no-cost extension to 2017; HRD/GSE: 1136233). Investigators: Julie Sexton (UNC PI); Kevin Pugh (UNC Co-PI); Eric Riggs (Texas A&M University, Co-PI); National Science Foundation (NSF): GSE/RES Collaborative research. (\$431,555); Senior Personnel: **M. Phillips**

*An “in the moment” investigation: Exploring the relationship between marijuana use, academic outcomes, and motivation* (2011-2013). Investigators: **M. Phillips** & K. Phillips. University of Northern Colorado, UNC Provost Award. (Internal; \$2415)

*Enriching Teacher Candidates Learning Experiences with Technology – The Integration of Whiteboards in TE classrooms* (2011). Investigators: **M. Phillips** (PI), M. Williams (Co-I). Morgridge Family Foundation (MFF). (\$50,000: \$25,000 MFF & \$25,000 UNC matching)

### Recent Unfunded Proposals

(Submitted, June 2020). *Real-time determinants of ENDS use among ethnically diverse young adults*. Investigators: Kristina Phillips (PI), Pallav Pokhrel (Co-I), Scott Okamoto (Co-I). Submitted to the National Institutes of Health (NIH; NIDA/NIMHD/NCI R01). (\$3,000,000); Consultant: **M. Phillips**

(Submitted October 2017). *Adaptive ecological momentary intervention to reduce negative consequences associated with marijuana and alcohol co-use in college students*. Investigators: K. Phillips (PI), **M. Phillips** (Co-I), T. Lalonde (Co-I), M. Prince (CSU Co-I), & M. Stein (Boston Univ. – Co-I). Submitted to the National Institutes of Health (NIH R21/R33 mechanism). (\$2,200,000)

(Submitted, November 2018). *Real-time factors associated with offender re-entry*. Investigators: K. Ward (Co-PI); **M. Phillips** (Co-PI), K. Phillips (Co-I). LOI submitted to the Laura and John Arnold Foundation. (\$289,000)

(Submitted, October 2017). *An investigation of students’ in- and out-of-class experiences in flipped and non-flipped chemistry courses: An experience sampling study*. **M. Phillips** (PI), J. Barbera (Portland State University: Co-I). LOI submitted to the Spencer Foundation. (\$500,000)

(Submitted, July 2016). *A pilot study to evaluate drug prevention programs and practices in Colorado middle and high schools post-legalization*. Investigators: **M. Phillips** (PI), K. Phillips (Co-I), & T. Lalonde (Co-I). Submitted as preliminary applications to the Colorado Department of Public Health and Environment, Marijuana Public Health Research Grants. (\$200,900, 2-year)

### SELECTED CONFERENCE PRESENTATIONS AND PROCEEDINGS

Schmid, S., Finn, J., **Phillips, M. M.**, Thompson, M., Hansen Smith, H., Ching, L., & Sentell, T. (2023, November). *Outrigger canoe paddling: Culturally-relevant physical activity for the people of Hawai’i across levels of the social ecological model*. Poster to be presented at the annual American Public Health Association conference. Atlanta, GA.

Sentell T. L., Thompson M. D., Rodericks R., Schmid S., Pirkle C.M., Ching L., Look M., Wu Y. Y., Finn J., & **Phillips, M. M.** (2023, November). *Culturally-Relevant Physical Activity over the Lifecourse and Association with Chronic Disease*. Poster to be presented at the 16th European Public Health Conference. Dublin, IR

- Sentell T. L., Thompson M. D., Rodericks R., Schmid S., Pirkle C.M., Ching L., Look M., Wu Y. Y., Dudlaw S., Finn J., & **Phillips, M.M.** (2023, November). *Engagement in Culturally-Relevant Physical Activity (Paddling, Hula, Surfing, and Spearfishing) in the State of Hawai'i over the Lifecourse*. Paper to be presented at the annual American Public Health Association conference. Atlanta, GA.
- Bolts, O. L., Prince, M. A., **Phillips, M. M.**, & Phillips, K. T. (2023, July). *Development of an adaptive ecological momentary intervention for simultaneous alcohol and marijuana use*. Poster presented at the annual Research Society for Marijuana conference, Long Beach, CA.
- Thompson, M.D., Johnston, L., Massey, J. & **Phillips, M. M.** (2023, July). *Adverse childhood experiences and poly-use of alcohol, tobacco, and cannabis: An exploration of 2020 Hawai'i Behavioral Risk Factor Surveillance System (BRFSS) data*. Poster presented at the annual Research Society for Marijuana conference, Long Beach, CA.
- Phillips, M. M.**, Thompson, M., Massey, J., & Johnston, L. (2023, July). *Poly-substance use of alcohol, cannabis, and nicotine in Hawai'i: Behavioral Risk Factor Surveillance System (BRFSS), 2020-2021*. Paper presented as part of symposium, *Patterns of cannabis use across the lifespan in diverse adult populations in Hawai'i*, at the annual Research Society for Marijuana conference, Long Beach, CA.
- Phillips, K. T., Lalonde, T. L., **Phillips, M. M.**, Erickson, C., Lai, J., & Stein, M. D. (2023, June). *Feasibility of ecological momentary assessment among people who inject drugs: A pilot study*. Poster presented at the annual College on Problems of Drug Dependence conference. Denver, CO.
- Thompson M.D., **Phillips, M.M.**, Rodericks R., Schmid S., Pirkle C.M., Ching L., Look M., Wu Y.Y., Finn J., & Sentell T. (2023, April). *Engagement in Culturally-Relevant Physical Activity (Paddling, Hula, Surfing, and Spearfishing) in the State of Hawai'i by Age, Island, Race/Ethnicity, and Gender*. Poster presented at the Annual John A. Burns School of Medicine Biomedical Sciences and Health Disparities Symposium, Honolulu, HI.
- Schmid, S., Finn, J., **Phillips, M. M.**, Thompson, M., Hansen Smith, H., Ching, L., & Sentell, T. (2023, April). *Outrigger canoe paddling: A qualitative study of culturally relevant physical activity for the people of Hawai'i*. Poster presented at the Annual John A. Burns School of Medicine Biomedical Sciences and Health Disparities Symposium, Honolulu, HI.
- Sentell, T., **Phillips, M. M.**, Weldon, R. & Patil, U. (2022, November). *Social networks and health information sharing in COVID-19 pandemic*. e-Poster presented at the annual European Public Health Conference, Berlin, DE.
- Phillips, M. M.**, Phillips, K. T., Lalonde, T. L., & Stein, M. D. (2022, July). *Is cannabis use associated with academic outcomes? Exploring momentary and longitudinal associations among college students*. Paper presented at the annual conference for Research Society for Marijuana, Boston, MA.
- Phillips, K. T., Lalonde, T. L., **Phillips, M. M.**, & Stein, M. D. (2022, July). *Craving, craving variability, and cannabis use in real-time: Assessing moderating effects of concentrate use and sex*. Paper presented at the annual conference for Research Society for Marijuana, Boston, MA.
- \*Swanty, A., \*Sharp, C., \*Renegar, A., \*Barnett, J., Ward, K. C., **Phillips, M. M.**, & Phillips, K. T. (2022, January). *Project SMART: Using Ecological Momentary Assessment to understand real-time jail to community reentry challenges*. Poster presented at the Academy of Criminal Justice Sciences, Las Vegas, NV.
- \*Sharp, C., \*Blanchard, L., \*Barnett, J., & **Phillips, M. M.** (2021, July). *Leveraging mobile technology: A systematic review of mHealth interventions with cannabis users*. Poster presented at the annual conference of the Research Society on Marijuana, Virtual Conference.
- Phillips, K. T., Lalonde, T. L., Prince, M. A., & **Phillips, M. M.** (2020, April). *Daily patterns of marijuana-alcohol*

- co-use among young adults*. In M. Prince (Chair), Applying intensive longitudinal research designs to examine substance use across the lifespan. Symposium presentation given at the annual conference of the Collaborative Perspectives on Addiction, San Diego, CA. (**Conference canceled**; COVID-19)
- Komperda, R., Hosbein, K. N., **Phillips, M. M.** & Barbera, J. (2020, July). *Lacking motivation: A failed attempt to improve the functioning of a modified Science Motivation Questionnaire II (mSMQ II)*. Paper to be presented at the Biennial Conference on Chemistry Education, Corvallis, OR. (**Conference canceled**; COVID-19)
- Phillips, K.T., & **Phillips, M. M.** (2019). *Cannabis use patterns among young adults in the U.S. post-legalization: Implications for harm reduction*. Poster presented at the International Harm Reduction Conference, Porto, Portugal.
- Smith, M. H.\*, Heronema, K. M.\*, North, M.\*, Canfield, L. J.\*, Duck, K. D.\*, Phillips, K. T., **Phillips, M. M.** ... & The Motivation and Addiction Research Group (2019). *The relationship between self-control, impulsivity, and driving under the influence of marijuana*. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- \*Pellegrino, A. J., \*Shrake, M., \*Kriescher, D., \*King, B. T., \*Duck, K. D., **Phillips, M. M.**, Phillips, K. T., ... & The Motivation and Addiction Research Group (2019). *Predictors of Cannabis Use Disorder symptoms in college student marijuana users*. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- Barbera, J., Phillips, M. M., & \*Duck, K. D. (2018). *Assessing the motivational impacts of the flipped chemistry classroom environment: A multi-institution study*. Paper presented at the Biennial Conference on Chemical Education, South Bend, Indiana.
- Lalonde, T. L., Phillips, K. T., & **Phillips, M. M.** (2018). *Recurrent event analysis for intensive longitudinal data: Application to marijuana use*. Presented at the annual meeting of the American Public Health Association, San Diego, CA.
- Phillips, M. M.**, Phillips, K. T., & \*Duck, K. D. (2018). *An EMA study of the association among marijuana use, study time, and academic motivation*. Poster presented at the annual conference of the American Psychological Association, San Francisco, CA.
- \*Duck, K. D., & **Phillips, M. M.** (2018). *The teacher interest scale with an American sample: A psychometric evaluation*. Poster presented at the annual meeting of the American Psychological Association, San Francisco, CA.
- Pugh, K. J., **Phillips, M. M.**, Sexton, J., & Bergstrom, C. M. (2018). *Support for Females in STEM: An investigation of more and less successful departments*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- Lalonde, T. L., Phillips, K. T., & **Phillips, M. M.** (2018). *Survival analysis using intensive longitudinal data and irregular moments of reporting*. Paper presented at the annual meeting of the Joint Statistical Meetings.
- Peteja, E. B., \*Duck, K. D., \*Robirds, A., \*Smith, M. H., \*Pellegrino, A. J., \*Canfield, L. J., \*Schneider, M. M., \*Banks, C. L., Phillips, K.T., & **Phillips, M. M.** (2018). *Does marijuana use impact academic performance in the college setting?* Poster presented at the annual conference of the Research Society on Marijuana, Fort Collins, CO.
- Banks, C. L., \*Canfield, L. J., \*Pellegrino, A., \*Schneider, M. M., \*Smith, M. H., \*Robirds, A., \*Peteja, E.B., \*Duck, K. D., **Phillips, M. M.**, & Phillips, K. T. (2018). *Does the form of marijuana use impact the relation between marijuana use motives and daily frequency?* Poster presented at the annual conference of the Research Society on Marijuana, Fort Collins, CO.
- Prince, M. A., Phillips, K. T., **Phillips, M. M.**, & Lalonde, T. L. (2018). *Alcohol and cannabis co-use and consequences: The role of timing*. In A. Bravo (Chair), Co-Use of Marijuana with Alcohol and Tobacco Among Young Adults: Current Research and Future Directions. Symposium presentation given at the annual conference of the Research Society on Marijuana, Fort Collins, CO.

- Barbera, J. & **Phillips, M. M.** (2017). *Assessing the impacts of the flipped classroom environment on student learning and motivation in chemistry*. Invited paper presentation at the American Chemical Society Northwest Regional Meeting, Oregon State University, Corvallis, Oregon.
- \*Geye, E., \*Komperda, R., **Phillips, M. M.** & Barbera, J. (2017). *Characterizing flipped learning in general chemistry: A comparison of course structures*. Poster presented at the annual American Chemical Society Northwest Regional Meeting, Oregon State University, Corvallis, Oregon.
- Phillips, K. T., **Phillips, M. M.**, & Lalonde, T. L. (2017). *Marijuana use, mood, and craving: A study using EMA with college students*. Symposium presentation given at the annual conference of the Research Society on Marijuana, Fort Collins, CO.
- \*Williams, D. D., \*Duck, K. D., \*Canfield, L., \*Weisen, A., \*Hinshaw, J., \*Miller, J., **Phillips, M. M.**, Phillips, K. T., & the Motivation and Addiction Research Group (2017). *An investigation of reported daily activities in college marijuana users: Findings from EMA and content analysis*. Poster presented at the annual conference of the Research Society on Marijuana, Fort Collins, CO.
- \*Schneider, M. M., \*Duck, K.D., \*Tepper, K. J. E., \*Wilson, L., \*Busto, G., \*Banks, C., \*Rose, J., Phillips, K. T., **Phillips, M. M.**, & the Motivation and Addiction Research Group. (2017). *Craving and motives for using marijuana: Associations with problem use in college students*. Poster presented at the annual conference of the Research Society on Marijuana, Fort Collins, CO.
- \*Tepper, K.J., \*Schneider, M.M., \*Duck, K.D., \*Williams, D.D., **Phillips, M.M.**, & Phillips, K.T. (2017). *Predictors of academic self-regulation among college student marijuana users*. Poster presented at the annual conference of the American Psychological Association, Washington D.C.
- \*Tepper, K.J., \*Schneider, M.M., \*Wilson, L., \*Salazar, J., \*Weisen, A.L., \*Barnes, M.J., **Phillips, M.M.**, & Phillips, K.T. (2017). *Social and psychological influences on marijuana use in college students*. Poster presented at the annual conference of the Collaborative Perspectives on Addiction, Albuquerque, NM.
- Pugh, K. J., **Phillips, M. M.**, Bergstrom, C. M., Sexton, J., & Riggs, E. M. (2017). *Academic and career choice: Investigating the roles of motivation, institution, relationships, transformative experience, and gender*. Paper presented at the annual meeting of the American Educational Research Association, San Antonio, TX.
- \*Vigil, D., \*Busto, G., \*Carrillo, A., \*Davis, K., \*Robles, E., \*Duck, K., Phillips, K.T., & **Phillips, M.M.** (2016). *Cue-reactivity of marijuana craving and its impact on reading comprehension: A pilot study*. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- \*Duck, K. D. & **Phillips, M. M.** (2016). *The influence of framed feedback on self-efficacy in a mathematics task*. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- \*Duck, K. D. \*Williams, D. & **Phillips, M. M.** (2016). *Ecological momentary assessment in educational contexts over the past 15 years: A systematic review*. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- \*Duck, K. D. & **Phillips, M. M.** (2016). *A psychometric evaluation of the MSLQ and LASSI motivation sub-scales*. Poster presented at the annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- Pugh, K.J., **Phillips, M. M.**, Sexton, J., \*Bergstrom, C. M., \*Flores, S. & Riggs, E. M. (2016). *Motivational and classroom predictors of academic and career choice in the geosciences*. Paper presented at the annual meeting of the American Educational Research Association, Washington, D.C.
- Phillips, M. M.**, Phillips, K.T., & Lalonde, T. (2016). *Association between academic motivation and marijuana use: An ecological momentary assessment study*. Poster presented at the annual meeting of the American Public Health Association, Denver, CO.
- Phillips, M. M.**, Phillips, K. T., & \*Duck, K. D. (2016). *Academic motivation and marijuana use mediate the relation between impulsivity and college GPA*. Paper presented at the annual conference of the American Psychological Association, Denver, CO.

- \*Duck, K. D., **Phillips, M. M.**, & Phillips, K. T., (2016). *A psychometric evaluation of two academic motivation measures: The MSLQ and LASSI*. Poster presented at the annual conference of the American Psychological Association, Denver, CO.
- \*Duck, K. D., \*Canfield, L., \*Lopez, C., \*Robles, E., \*Carrillo, A., \*Busto, G., **Phillips, M. M.**, & Phillips, K. T., (2016). *Predictors of marijuana use and associated problems among college students in Colorado*. Poster presented at the annual conference of the American Psychological Association, Denver, CO.
- Phillips, K. T., Lalonde, T. L., & **Phillips, M. M.** (2015). *Post-legalization marijuana use among university students in Colorado, USA*. Paper presented at the 3rd National Cannabis Conference of the National Cannabis Prevention and Information Centre (NCPIC), Melbourne, Victoria, AU.
- Pugh, K.J., **Phillips, M. M.**, Sexton, J., \*Bergstrom, C. M., & Riggs, E. M. (2015). *Predicting Transformative Experience: The role of the student-teacher dynamic*. Paper presented at the annual conference of the American Educational Research Association, Chicago, IL.
- Pugh, K.J., **Phillips, M. M.**, Sexton, J., \*Bergstrom, C. M., & Riggs, E. M. (2015). *Academic and career choice: Investigating the roles of motivation, institution, relationships, Transformative Experience, and gender*. Paper presented at the annual conference of the American Educational Research Association, Chicago, IL.
- Sexton, J. M., Riggs, E., Pugh, K., \*Bergstrom, C., Parmley, R. & **Phillips, M. M.** (2015). *Factors supporting the recruitment and retention of women in undergraduate geoscience majors*. Poster presented at the Broadening Participation through Innovations for Institutional and Educational Transformation NSF conference, Washington, D.C.
- Phillips, K. T., & **Phillips, M. M.** (2014). *Measuring marijuana use and craving via text messaging as a form of ecological momentary assessment*. Poster presented at Medicine 2.0: Social Media, Mobile Apps, and Internet/Web 2.0 in Health, Medicine and Biomedical Research Medicine, Maui, Hawaii.
- Phillips, K. T., **Phillips, M. M.**, & Lalonde, T. (2014). *Daily marijuana use and craving in the academic setting: A study using ecological momentary assessment*. Poster presented at the annual meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.
- Pugh, K. J., **Phillips, M. M.**, \*Bergstrom, C. M., Sexton, J., & Riggs, E. M. (2014). *Gender in the geosciences: Factors related to academic and career choice*. Paper presented at the annual conference of the Geological Society of America, Vancouver, BC, Canada.
- Pugh, K. J., **Phillips, M. M.**, \*Bergstrom, C. M., Sexton, J., & Riggs, E. M. (2014). *Supporting transformative learning: Investigating the relation between the teacher-student dynamic and transformative experience*. Paper presented at the annual conference of the Geological Society of America, Vancouver, BC, Canada.
- Riggs, E. M., Sexton, J., Pugh, K. J., \*Bergstrom, C. M., Parmley, R., & **Phillips, M. M.** (2014). *Gender in the geosciences: Factors supporting the recruitment and retention of women in the undergraduate major*. Poster presented at the annual meeting of the American Geophysical Union, San Francisco, California.
- Pugh, K. J., **Phillips, M. M.**, Bergstrom, C. M., Sexton, J., & Riggs, E. M. (2014). *Motivation, instructor-student relationship, and transformative experience as predictors of academic and career choice in geoscience*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
- Pugh, K. J., Bergstrom, C. M., & **Phillips, M. M.** (2013). *Gender in the geosciences: Factors related to the recruitment and retention of women*. Paper presented at the annual conference of the Geological Society of America, Denver, CO.
- Sexton, J. M., Bergstrom, C. M., Parmley, R., Riggs, E., Pugh, K. J., & **Phillips, M. M.** (2013). *Gender in the geosciences: What attracts students to a geoscience major?* Paper presented at the annual conference of the Geological Society of America, Denver, CO.



- Phillips, M. M.,** Phillips, K. T., & Lalonde, T. (2013). *Craving and academic outcomes among university marijuana users: A study using EMA*. Poster presented at the annual conference of the American Psychological Association, Honolulu, HI.
- Lalonde, T., Phillips, K. T., & **Phillips, M. M.** (2013). *A power comparison between hierarchical and marginal longitudinal logistic regression models: Application to marijuana usage*. Paper presented for the annual conference of the American Public Health Association, Boston, MA.
- Phillips, K. T., **Phillips, M. M.,** \*Simon, N., \*Berglund, C. M., \*Thurley, S., \*Faulkner, M. and the Motivation and Addiction Research Group at UNC (2012). *Marijuana craving and academic motivation with college students: Ecological momentary assessment*. Poster presented at the annual meeting of the American Psychological Association, Orlando, FL.
- \*Dykema, K. R., **Phillips, M. M.,** Phillips, K. T., \*Morgan, E. C., \*Nowak, J. T., \*Machlev, M., \*Tormohlen, K. and the Motivation and Addiction Research Group at UNC (2012). *Ecological momentary assessment with college-age marijuana users: Feasibility of SMS texting*. Poster presented at the annual meeting of the American Psychological Association, Orlando, FL.
- \*Gordon, C. & **Phillips, M. M.** (2012). *Arab international students' acculturation and position on seeking psychological support*. Poster presented at the Great Lakes Counseling Psychology Conference at Purdue University, West Lafayette, IN.
- Phillips, M. M.,** Pugh, K. J., \*Machlev, M. & \*Bergstrom, C. M. (2012). *Exploring interest and goal orientation in a problem-based learning environment*. Poster presented at the annual meeting of the American Educational Research Association, Vancouver, BC, Canada.
- Pugh, K. J., **Phillips, M. M.,** \*Bergstrom, C. M. & \*Machlev, M. (2012). *Problem-based learning (PBL), goal orientation, and learning success*. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, BC, Canada.
- Machlev, M. & **Phillips, M. M.** (2011). *Examining motivational constructs for students enrolled in a research methods course*. Poster presented at the 2011 annual meeting of the Association for Psychological Science, Washington, D.C.
- Phillips, M. M.** (2010). *The development of perceived competence and interest: Designing instructional tasks to influence student motivation*. Paper presented at the annual meeting of the American Educational Research Association, Denver, CO.
- Phillips, M. M.** (April, 2009). *The Influence of Situational Factors on the Nurturance of Personal Interest: Developing Elementary Education Majors' Interest in Technology*. Paper presented at 2009 annual meeting of the American Educational Research Association, San Diego, CA.
- Beasley, A., **Phillips, M.,** Apthorp, H., & Newman, A. (June, 2008). *Student involvement in classroom assessment*. Poster presented at the 2008 Institute of Education Sciences (IES) Research Conference, Washington, D.C.
- Newman, A. & **Phillips, M M.** (November, 2008). *Evaluating Teachers' Professional Development Experiences: Year One Data from a Randomized Control Trial Study*. Poster presented at American Evaluation Association, Denver, CO.
- Hilden, K., **Phillips, M. M.,** Lundeberg, M., & Koehler, M. J. (December, 2006). *Are a thousand words worth a picture? Protocol differences in evaluation and cognitive processing of video and text cases in science*. Paper presented at the National Reading Conference (NRC).
- Foster, A., Manokore, V., **Phillips, M.,** Lundeberg, M., Gwekwerere, Y., Bergland, M. & Klyczek, K. (2006). *Understanding, confidence, perceptions, constraints, and affordances within a case-based multimedia environment*. In P. Kommers & G. Richards (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2006* (pp. 2533-2540). Chesapeake, VA: AACE.

**Phillips, M. M.** (2005). *Cognitive style's influence on media preference: does it matter or do they know?* In P. Kommers & G. Richards (Eds.), Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2005 (pp. 1023-1028). Chesapeake, VA: AACE.

**Phillips, M. M.,** Koehler, M., Zhang, G., Yadav, A. & Rosaen, C. (2005). *Results of an experiment evaluating the use of video cases to help pre-service teachers become better teachers of literacy.* In P. Kommers & G. Richards (Eds.), Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2005 (pp. 585-592). Chesapeake, VA: AACE.

Dirkin, K., Yadav, A., **Phillips, M. M.,** Koehler, M., Hilden, K. & Lundeberg, M. (2005). *Is the movie better than the book? Differences in engagement and delayed recall of video and text cases in science.* In P. Kommers & G. Richards (Eds.), Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2005 (pp. 4196-4201). Chesapeake, VA: AACE.

**Phillips, M. M.** (April, 2005). *How can web creation be used to teach multiculturalism?* Paper presented at the annual meeting of American Educational Research Association, Interactive Symposium, Montreal, QC, Canada.

**Phillips, M. M.** (March, 2005). *Web Creation as a means of self-reflection: Expressing ideas on diversity.* Paper presented as part of an interactive symposium, Working with the Internet in Teacher Preparation: A Critical Analysis of Affordances and Constraints, at the annual meeting of the Society for Information Technology and Teacher Education, Phoenix, AZ.

Rosaen, C., **Phillips, M. M.,** Wolf, L., & Bates, A.J. (2005). *Working with the internet in teacher preparation: A critical analysis of affordances and constraints.* In C. Crawford, D. Willis, R. Carlsen, I. Gibson, K. McFerrin, J. Price & R. Weber (Eds.), Proceedings of Society for Information Technology and Teacher Education International Conference 2005 (pp. 2795-2799). Chesapeake, VA: AACE.

**Phillips, M. M.** & Koehler, M. J. (April, 2004). *Towards an understanding of how media preferences affect what students learn.* Poster presented at the annual meeting of the American Educational Research Association, San Diego, CA.

Dickson, W. P. & **Phillips, M. M.** (April, 2004). *Technology in the lives of preservice students: A lifespan analysis of experiences and contexts.* Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.

### **Faculty Mentored – Student Awards, Presentations and Publications**

North, M. (Summer/Fall 2019). *Ecological Momentary Assessment and Intervention Feasibility.* Project funded by the Office of Undergraduate Research (OUR) at UNC for a competitive summer stipend for undergraduate research, \$650.

<sup>u</sup>North, M. (April 2019). *Student motivation in education: An assessment and intervention in real-time.* Paper presented at UNC Annual Research Day, UNC, Greeley, CO.

<sup>y</sup>**Student was nominated and won Research Excellence Award.**

Robirds, A., Shelton, P., Kriescher, D., Sprague, R., Canfield, L., North, M., Shrake, M., Smith, M., Pellegrino, A., & Heronema, K. (April 2019). *Real-time assessment of marijuana use in the college environment: Preliminary findings.* Papers were presented as a symposium at UNC Annual Research Day, UNC, Greeley, CO.  
Symposium Faculty Mentor: **M. Phillips**

North, M. (April 2018). *Student Motivation in Education: An Intervention in Real-Time.* Paper presented at UNC Annual Research Day, UNC, Greeley, CO.

Duck, K. D. (August 2018). *Claire Ellen Weinstein Graduate Student Seminar,* American Psychological Association (Division 15), San Francisco, CA. Prestigious, highly-selective award geared to doctoral students for networking

- <sup>ψ</sup>Duck, K. D., Phillips, M. M., & Phillips, K. T. (2016). *A psychometric evaluation of two academic motivation measures: The MSLQ and LASSI*. Poster was presented at the 2016 annual conference of the American Psychological Association, Denver, CO.
- <sup>ψ</sup>Poster was nominated for the Division 15 outstanding student presentation at the 2016 annual conference of the American Psychological Association, Denver, CO.
- Samaniego, C. (2016). *Mediating effects of goal setting on motivational traits and job performance*. Poster presented at UNC Annual Research Day, UNC, Greeley, CO.
- Samaniego, C. (2016). Relationships between goal setting, motivational traits and job performance. *Undergraduate Research Journal at the University of Northern Colorado (URJ)*.
- <sup>ψ</sup>Schmaltz, S., Vogel, D., Wolfrum, A. & Hayes, A. (2014). *The relationship between marijuana use, personality traits and academic performance in college students*. Paper presented at the annual meeting of the Rocky Mountain Psychological Association, Salt Lake City, UT.
- <sup>ψ</sup>Awarded Psi Chi Best Students' Presentation at RMPA 2014
- Morgan, E. C. & Tormohlen, K. (2013). *Two weeks in the life of a college age marijuana user: A study using EMA and content analysis*. Poster presented at the 2013 annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- Dykema, K. R. & Nowak, J. T. (2013). *College students' reported motives for marijuana use: An analysis of the internal consistency of the Marijuana Motives Questionnaire with additional food items*. Poster presented at the 2013 annual meeting of the Rocky Mountain Psychological Association, Denver, CO.
- Wolfrum, A. (Summer 2013). *A pilot study to investigate the influence of choice on high school students' writing*. Project funded by the Office of Undergraduate Research (OUR) at UNC for a competitive summer stipend for undergraduate research, \$2500.
- Morgan, E. C. (Summer 2012). *Relationship between marijuana use, academic outcomes, and personality*. Project funded by the Office of Undergraduate Research (OUR) at UNC for a competitive summer stipend for undergraduate research, \$2500.

## SERVICE TO ACADEMIC AND PROFESSIONAL COMMUNITY

- 2015-2021 Presidential Appointment to Review Panel – APA Division 15 – Early Career Research Grant (first 3-year term 2015-2018; reappointed 2018-2021)
- Spring 2016 Ad-Hoc Reviewer for Social Science and Humanities Council of Canada, Grants Program
- 2015-2019 Ad-Hoc Journal Reviewer (e.g., *Substance Abuse; Drug and Alcohol Dependence; Journal of Medical Internet Research, JMIR, Journal of Ethnicity in Substance Abuse; Cannabis*)

## UNIVERSITY SERVICE

- 2020-2021 Member, School of Psychological Sciences, UNCO, Program Assessment Team
- 2020-2021 Member, Subcommittee, UNCO, Undergraduate Curriculum Committee (Designed PSY166)
- 2016- 2019 Appointed Member, School Evaluation/School Evaluation (SEC) Subcommittee, UNCO (5-person peer-evaluation team for annual and biennial reviews)
- 2015-2018 Member, School Evaluation Committee (SEC), UNCO – tenure and promotion reviews
- 2014-2019 Board Member – University of Northern Colorado - Institutional Review Board (IRB)
- 2017-2018 Member, Faculty Job Search Committee (Ed Psych Position)
- 2017-2018 Chair, Interdisciplinary Stimulus Hub (ISH)
- 2016 - 2017 Member, Faculty Job Search Committee (Human Factors Position)

- 2016 - 2017 Member, Faculty Job Search Committee (Ed Psych Position)
- 2016 - 2017 Member, Faculty Job Search Committee (Clinical/Counseling Position)
- 2011-2019 Member - Undergraduate Curriculum Committee
- 2009-Present Member - Graduate Curriculum Committee
- 2009-2010 Subcommittee Member - Graduate Curriculum
  - Developed criteria for Student Annual Progress Review procedures
- 2011-2016 Faculty Advisor, Ed Psych Society
- 2011-2014 Reviewer, Ed Psych Society Travel Award - Conference Presentations
  - Lead Faculty Reviewer for Applications submitted for the Ed Psych Society Travel Award

### **Graduate Student Committees**

- Dissertation Committee (Fall 2019), Chair, **Kerry Duck**  
 University of Northern Colorado, School of Psychological Sciences  
 Title: *Increasing Undergraduate Student Engagement in Academics: An Ecological Momentary Intervention*
- Dissertation Committee (Spring 2019), Member, **Selani Flores**  
 University of Northern Colorado, School of Psychological Sciences  
 Title: *Group Differences in Motivation and Achievement Outcomes Within A First-Year Seminar*
- Doctoral Comprehensive Exam (Defended Fall 2018 & Spring 2019) **Justin Harding**  
 University of Northern Colorado, Department of Applied Statistics and Research Methods
- Dissertation Committee (Fall 2016), Member, **Stacey Bailey**  
 University of Northern Colorado, School of Psychological Sciences  
 Title: *Transformative experiential impacts on students: An intervention*
- Doctoral Comprehensive Project (Spring 2016), Member, **Stacey Bailey**  
 University of Northern Colorado, School of Psychological Sciences  
 Title: *Motivating and retaining the murky middle: A social-psychological intervention*
- Doctoral Comprehensive Project (Fall 2016), Chair, **Kerry Duck**  
 University of Northern Colorado, School of Psychological Sciences  
 Title: *The Teacher Interest Scale in an American Sample: A Psychometric Evaluation*
- Dissertation Committee (Fall 2016), Member, **Xin (Julie) Wang**  
 University of Northern Colorado, Department of Educational Technology  
 Title: *Faculty's Knowledge, Pedagogy, and Integration Levels in the Implementation of Ipad as an Instructional Tool*
- Dissertation Committee (Fall 2016), Member, **Nariman Alwami**  
 University of Northern Colorado, Department of Educational Technology  
 Title: *Examining Teachers' and College Students' Perspectives toward E-Textbooks as an Educational Tool*
- Dissertation Committee (Fall 2016), Chair, **Kristy Dykema**  
 University of Northern Colorado, School of Psychological Sciences  
 Title: *Social-Cognitive Influences Regarding Persistence and Achievement of Nontraditional Students in Higher Education*
- Dissertation Committee (Spring 2017), Member, **Hussain Alamer**  
 University of Northern Colorado, School of Special Education  
 Title: *Exploring the Experiences and Insights of a Twice-Exceptional Student Finishing a College Teacher Preparation Program: A Case Study*

- Dissertation Committee (Spring 2016), Member, **Brent Ferrell**  
University of Northern Colorado, Department of Chemistry and Biochemistry  
Title: *Evaluation of students' interest, effort beliefs, and self-efficacy in general chemistry*
- Doctoral Comprehensive Exam (Spring 2016) **Hussain Alamer**  
University of Northern Colorado, School of Special Education
- Doctoral Comprehensive Exam (Spring 2016) **Courtney Holles**  
University of Northern Colorado, Department of Educational Foundations and Curriculum Studies
- Doctoral Comprehensive Exam (Spring 2016) **Steven Moore**  
University of Northern Colorado, Department of Educational Foundations and Curriculum Studies
- Dissertation Committee (Summer 2015), Member, **Fatma Alabdullaziz**  
University of Northern Colorado, Department of Educational Technology  
Title: *Cultural diversity in massive open online courses: The correlation between cultural indicators and students' attrition*
- Master's Thesis (Summer 2015), Chair, **Alisha Wolfrom**  
University of Northern Colorado, School of Psychological Sciences  
Title: *An investigation of the effects of the provision of topic choices and an autonomy-supportive rationale on university students' motivation to write*
- Doctoral Comprehensive Project (Spring 2014), Advisor/Chair, **Kristy Dykema**  
University of Northern Colorado, School of Psychological Sciences  
Title: *"In Spite of it All, It's Worth it in the End": Experiences of the Nontraditional Student*
- Doctoral Comprehensive Project (Fall 2013, Proposal Defense), Advisor, **Moshe Machlev**  
University of Northern Colorado, School of Psychological Sciences  
Title: *Humor as an Influential Factor on Different Educational Outcomes*
- Dissertation Committee (Summer 2013), Member, **Cassandra Bergstrom**  
University of Northern Colorado, School of Psychological Sciences  
Title: *Why do some succeed? The impact of goal orientation and need for closure on learning and engagement in a problem-based learning environment*
- Master's Project (Summer 2013). Member, **Liana Smith**  
University of Northern Colorado, School of Psychological Sciences  
Title: *Comprehensive sex education in secondary education: Can sex education affect attitude towards sexual abuse victims?*
- Doctoral Comprehensive Project (Spring 2012), Member, **Cassandra Bergstrom**  
University of Northern Colorado, School of Psychological Sciences  
Title: *Development of Culture in a Psychology of Prejudice Classroom*
- Master's Project (Fall 2011). Advisor/Chair, **Craig Gordon**  
University of Northern Colorado, School of Psychological Sciences  
Title: *Arab international students' acculturation and position on seeking psychological support*
- Master's Project (Spring 2011). Member, **Paul Kleinert**  
University of Northern Colorado, School of Psychological Sciences  
Title: *An Exploration of Attitudes and Barriers within the Teaching of Sex Education*
- Doctoral Comprehensive Project (Summer 2011), Member, **Samah Hakami**

University of Northern Colorado, School of Psychological Sciences  
Title: *Academic Motivation of Saudi Female Students in the United States*

Practicum Committee (2004), Student Member, **Mustafa Demir**  
Michigan State University, Educational Psychology and Educational Technology Program

## **PROFESSIONAL DEVELOPMENT AND AFFILIATIONS**

University of Kansas, Center for Research Methods and Data Analysis  
Attended 2012 Summer Institute - Multilevel Modeling: Foundations and Applications

### **Affiliations**

Hawai'i Public Health Association  
Research Society on Marijuana, RSMj  
American Psychological Association, Division 15  
American Educational Research Association, Division C, 2002-2018  
SIG: Motivation in Education  
Society for Information Technology and Teacher Education, Former Member, 2003-2006

## **HONORS AND AWARDS**

Nominated, Outstanding Scholar of the Year (2016). College of Education and Behavior Sciences (CEBS).  
University of Northern Colorado (UNCO)

Voted, Top Three Professors (2012). College of Education and Behavior Sciences (CEBS) Student-Nominated,  
University of Northern Colorado (UNCO)

Taylor and Francis (2011) Award for Outstanding Article, *Helping Students Develop an Appreciation for School Content*

Outstanding Service to First-Generation College Students (2011) - Student Nominated Award  
University of Northern Colorado (UNCO), Center for Human Enrichment (CHE)

Summer Fellowship (2005), Michigan State University (\$3000). Grant awarded to investigate *Case It! Comparative Data and Video Data: Examining cross-cultural cases of HIV*

Spencer Foundation Research Training Grant (2003), Michigan State University (\$1000). Grant awarded to investigate multimedia preferences: *Towards an understanding of how media preferences affect what students learn*

University Graduate Recruiting Fellowship (2002), Michigan State University (\$6000)

Goodrich Scholarship Multicultural Program (1995-2000). University of Nebraska – Omaha (Undergraduate full-tuition, merit and need-based scholarship)

## **TECHNOLOGY CURRICULUM AND SOFTWARE DEVELOPMENT**

Academic Technology Integration Specialist, Broad College of Business, Michigan State University - Assisted faculty and instructors develop their online pedagogy for a new hybrid MBA program.

Koehler, M. J., Zhang, G., Yadav, A., Phillips, M. M., Diamond, K., Powell, D., & Robbins, C. (2005). *Classroom Links to Early Literacy*. <http://www.classroomliteracy.org> [login and password required].

Rosaen, C., Koehler, M. J., Phillips, M. M., Pardo, L., Yadav, A., & Johnson, M. (2004, 2005). *Literacy Teaching and Learning: (1) Kindergarten, (2) First Grade, & (3) Second Grade* [IVAN Multi-media software, developer: Charles Ruggerio] East Lansing, MI: Michigan State University, College of Education.

Rosaen, C., Pardo, L., Kauer, S., Ames, K., Phillips, M. M., Rosaen, S. & Hasty, N. (2005, 2006). *Second Grade Writing Workshop* [IVAN Multi-media software, developer: Charles Ruggerio] East Lansing, MI: Michigan State University, College of Education.

## **PROFESSIONAL CONSULTATION AND OTHER COMMUNITY SERVICE**

- August 2019 - May 2020      Data Consultant for PlayCore (Chattanooga, TN)  
Developed an analysis plan, wrote syntax for data wrangling, and analyzed QR mobile data collected throughout North America by visitors to outdoor sites
- Spring 2014 - Spring 2015      Review Panelist for High School Senior Projects  
Denver School of Science and Technology (DSST, Denver, CO)
- Fall 2010      Englewood Public School District (Englewood, CO)  
Held meetings with Director of Educational Technology to help identify an appropriate strategy to collect data for fidelity of implementation regarding a technology-based reading program.
- 2007-2008      Consultant, Littleton Public Schools (Littleton, CO)  
Consultation for research design regarding educational technology implementation