

EDUCATION

- Ph.D. Michigan State University, Educational Psychology and Educational Technology
East Lansing, MI, 2008
- Dissertation Title: *The Influence of Situational Factors on the Nurturance of Personal Interest and Perceived Competence: Development of Elementary-Education Majors' Interest in Technology*
- B.S. University of Nebraska at Omaha, Psychology, Omaha, NE, 2000
Summa Cum Laude

PROFESSIONAL EXPERIENCE

- 2015-present **Associate Professor**, University of Northern Colorado
Teach psychology and education courses in the School of Psychological Sciences.
- 2009-2015 **Assistant Professor**, University of Northern Colorado
- 2008-2009 **Visiting Assistant Professor**, University of Northern Colorado
- 2007-2008 **Researcher**, Mid-continent Research for Education and Learning (McREL), Denver, CO
Develop research designs and instruments, manage databases, analyze data, synthesize research findings into reports, and develop grant proposals.
- 2006, Fall **Co-Instructor**, Michigan State University
Science-Methods Course. Co-taught four senior-level science-methods courses.
- 2004-2007 **Graduate Assistant**, Michigan State University
Gave workshops on educational technology, guest lectured in numerous education courses, created online multimedia tutorials, and collected and analyzed interview and survey data.
- 2006 **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.
- 2004-2006 **Research Assistant**, Michigan State University
Coordinated experiments, conducted participant interviews, analyzed qualitative and quantitative data, edited video and designed project websites
- 2003, Summer **Teaching Assistant (Online)**, Michigan State University
Masters Capstone Course: Educational Technology. Involved in developing course content and online tutorials. Participated in online-interactive chat sessions with students.
- 2002-2003 **Teaching Assistant**, Michigan State University
Diverse Learners in a Multicultural Perspective. Taught four sections and gave lecture presentations.

RESEARCH INTERESTS

Motivation; Psychology of Interest; Ecological Momentary Assessment; Self-Regulated Learning

SELECTED GRANT PREPARATION

Funded:

Assessing the impacts of the flipped classroom environment on student learning and motivation in chemistry (2016-2019; 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 (2016-2019; 1R15DA041656-01). Investigators: **M. Phillips** (PI), K. Phillips (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, School of Teacher Education). Morgridge Family Foundation (MFF). (\$50,000: \$25,000 MFF & \$25,000 UNC matching)

Unfunded:

(Submitted, July 2016). *Marijuana Use Patterns and Association with Cannabis Use Disorder, Psychological Health, and Potency: A Multi-Site Ecological Momentary Assessment Study*. Investigators: K. Phillips (PI), **M. Phillips** (PI), & T. Lalonde (Co-I). Submitted as preliminary applications to the Colorado Department of Public Health and Environment, Marijuana Public Health Research Grants. (\$575,000, 3-year)

(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 (PI), & 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)

(Submitted, July 2016). *An examination of the Contextual Associations between Marijuana Use, Craving and Physical Activity: An in-the-moment Study*. Investigators: L. Stewart (PI), K. Phillips (Co-I), **M. 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. (190,000, 2-year)

(Submitted, June 2014). *Understanding the Dynamics of College Student Marijuana Use: A Study using EMA*
Investigators: **M. Phillips** (PI), K. Phillips (PI), Lalonde (Co-I) & Stein (Co-I). Submitted to the National Institute on Drug Abuse (NIDA) / National Institutes of Health (NIH). (\$298,000)

(Submitted, October 2012). *Understanding the Dynamics of College Student Marijuana Use: A Study using EMA*
Investigators: **M. Phillips** (PI), K. Phillips (PI), & Lalonde (Co-I). Submitted to the National Institute on Drug Abuse (NIDA) / National Institutes of Health (NIH). (\$296,000)

(Submitted, May 2010). *The Effect of Gender on Recruitment and Persistence in the Geosciences*. Kevin Pugh (UNC-PI), Adam Maltese (Indiana University-PI), National Science Foundation (NSF). (\$508,000) Senior Personnel: **M. Phillips**

(Submitted, May 2008) *An Evaluation of McREL’s Balanced Leadership Services in Richland One District, SC – a 5-year study*. U.S. Investigator: **M. Phillips** (PI). Department of Education, Office of Innovation and Improvement: School Leadership Program. (\$265,000, Evaluation)

(Submitted, April 2008) *An Evaluation of the Adventures in Mathematics and Technology: The Bessie Coleman Project*.
Investigators - CO-PIs: **M. Phillips** & Arens. National Science Foundation (NSF), Innovative
Technology Experiences for Students and Teachers (ITEST) program. (\$210,000, Evaluation)

PUBLICATIONS

Juried/Peer-reviewed Articles

Phillips, K. T., **Phillips, M. M.**, & Duck, K. D. (in press). Factors associated with marijuana use and problems among college students in Colorado, *Substance Use and Misuse*.

*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. DOI: 10.1039/C6RP00148C *Impact Factor* = 1.80

*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. *Impact Factor* = 1.64

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. *Impact Factor* = 2.76

Phillips, M. M., Phillips, K. T., Lalonde, T., & *Dykema, K. (2014). Feasibility of text messaging for ecological momentary assessment of marijuana use in college students. *Psychological Assessment*, 26(3), 947-957. doi: 10.1037/a0036612 *Impact Factor* = 2.84

Pugh, K. J. & **Phillips, M. M.** (2011). Helping students develop an appreciation for school content. *Theory into Practice*, 50, 285-292. *Impact Factor* = 1.06

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. *Impact Factor* = .83

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., 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.

*Graduate or Undergraduate Student Co-author

SELECTED CONFERENCE PRESENTATIONS AND PROCEEDINGS

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, July). *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.
- 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.
- 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.
- Phillips, M. M.** (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.** (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.

PROFESSIONAL DEVELOPMENT AND AFFILIATIONS

University of Kansas, Center for Research Methods and Data Analysis

Attended 2012 Summer Institute - Multilevel Modeling: Foundations and Applications

Affiliations

American Educational Research Association

SIG: Motivation in Education

American Psychological Association, Division 15

Society for Information Technology and Teacher Education, Former Member, 2003-2006

SERVICE TO ACADEMIC AND PROFESSIONAL COMMUNITY

Summer 2016, Review Panel Member 2016 - APA Division 15 Early Career Research Grant
2017

Spring 2016 Reviewer for Social Science and Humanities Council of Canada, Research Grants Program

2015-2016 Ad-Hoc Reviewer (*AERA-Open; Substance Abuse; Drug and Alcohol Dependence; Journal of Medical Internet Research, JMIR*)

UNIVERSITY/SCHOOL SERVICE

2016 - 2017 Member, Faculty Job Search Committee (3 positions), UNC, School of Psychological Sciences

Spring 2016 Member, School Evaluation/SEC Subcommittee, UNC, School of Psychological Sciences

Spring 2016 – Fall 2017 Subcommittee Chair – Organized Discussion of New Graduate Program and Curriculum for Experimental MA, UNC, School of Psychological Sciences

2014-Present Board Member – Institutional Review Board (IRB); University of Northern Colorado

2011-Present Member - Undergraduate Curriculum Committee, UNC, School of Psychological Sciences

2009-Present Member - Graduate Curriculum Committee, UNC, School of Psychological Sciences

2009-2010 Subcommittee Member - Graduate Curriculum, UNC, School of Psychological Sciences

- Developed criteria for student annual progress review

2011-2016 Faculty Advisor, Ed Psych Society, UNC, School of Psychological Sciences

2011, 2012, Spring & Fall: Ed Psych Society Travel Award - Conference Presentations
2013, 2014

- Lead Faculty Reviewer for Applications submitted for the Ed Psych Society Travel Award

11/2-11/5/12 Organized and Orchestrated Academic Talk at University of Northern Colorado

- David Bergin, Ph.D., gave APA Division 15 Presidential Talk

- Reviewer, annual, American Educational Research Association, Division C

- Reviewer, annual, American Psychological Association, Division 15

- Reviewer, (2008 only), American Evaluation Association

Faculty Mentored Awards, Presentations and Publications

^ΨDuck, 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.

^ΨPoster 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.

Samaniego, C. (2016). Relationships between goal setting, motivational traits and job performance. *Undergraduate Research Journal at the University of Northern Colorado (URJ)*.

^{ΨΨ}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.

^{ΨΨ}Awarded Psi Chi Best Student 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.

Graduate Student Committees

- Dissertation Committee (Fall 2016, Proposal), Member, **Stacey Bailey**
University of Northern Colorado, School of Psychological Sciences
Title: *Transformative experiential impacts on students: An intervention*
- Doctoral Comprehensive Project (Spring 2016, Defense), 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, Proposal), 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 2015, Proposal/Fall 2016, Dissertation), Member, **Xin (Julie) Wang**
University of Northern Colorado, Department of Educational Technology
Title: *Faculty's Knowledge, Pedagogy, and Integration Levels in the Implementation of Ipads as an Instructional Tool*
- Dissertation Committee (Spring 2016, Proposal/ Fall 2016, Dissertation), 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 2014, Proposal/Fall 2016, Dissertation), 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 (Summer 2016, Proposal/Spring 2017, Dissertation), 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 2015, Proposal/Spring 2016, Dissertation), 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, Defense) **Hussain Alamer**
University of Northern Colorado, School of Special Education
- Doctoral Comprehensive Exam (Spring 2016, Defense) **Courtney Holles**
University of Northern Colorado, Department of Educational Foundations and Curriculum Studies

Doctoral Comprehensive Exam (Spring 2016, Defense) **Steven Moore**
 University of Northern Colorado, Department of Educational Foundations and Curriculum Studies

Dissertation Committee (Fall 2014, Proposal/Summer 2015, Dissertation), 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*

Doctoral Comprehensive Project (Spring 2014, Defense), 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, Defense), 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, Defense), 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

HONORS AND AWARDS

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

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, Center for Human Enrichment (CHE)

Summer Fellowship (2005), Michigan State University (\$3000). Grant awarded to investigate *Case It! Comparative Data and Video Data*

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

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

CURRICULUM AND SOFTWARE DEVELOPMENT

Academic Technology Integration Specialist, Broad College of Business, Michigan State University (2006-2007). 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: Kindergarten* [IVAN Multi-media software, developer: Charles Ruggerio] East Lansing, MI: Michigan State University, College of Education.

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

Rosaen, C., Koehler, M. J., Phillips, M. M., Pardo, L., Yadav, A., & Johnson, M. (2005). *Literacy Teaching and Learning: 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

Spring 2014 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

COURSES TAUGHT

University of Northern Colorado, School of Psychological Sciences

PSY 230: Human Growth and Development

PSY 265: Social Psychology

PSY 300: Research Methods in Psychology

PSY 347: Educational Psychology for Elementary Teachers (Online & In-person)

PSY 401: Advanced Research Methods

PSY 443: Motivation (Online & In-person)

PSY 595: Special Topics: Grantwriting

PSY 595: Psychology of Interest and Boredom in Educational Contexts

PSY 500: Educational Psychology for Teachers (Online & In-person)

PSY 600: Graduate Research Methods (Online)

PSY 697: Masters Project-Capstone (Online)

Michigan State University, College of Education

CEP 240: Diverse Learners in a Multicultural Perspective, Teaching Assistant

CEP 807: Masters Capstone Course: Educational Technology, Teaching Assistant (Online)