DR. MICHAEL J. MCGUIRE

Washburn University Department of Psychology 1700 College Avenue Topeka, KS 66621 Office: (785) 670-1569

Email: michael.mcguire@washburn.edu

EDUCATION

Post-Doctoral Teaching Fellow (2000-2002) Northern Michigan University

Doctor of Philosophy (May 2000), Experimental Psychology (Emphasis in Cognition) Texas Tech University

Master of Science (May 1995), Experimental Psychology Idaho State University

Bachelor of Arts (May 1993), Psychology Major & Theatre Minor Wabash College

PROFESSIONAL EXPERIENCE

Teaching Experience

Washburn University (Fall 2002 – present):

*Cognition

*Basic Concepts of Psychology

*Principles of Learning

*Psychological Statistics

*Intermediate Statistics (Graduate Level)

Introductory Psychology Lab

Psychology & Video Games Online

Human Memory

^{*} denotes online teaching in addition to teaching in the classroom

Northern Michigan University

(Fall 2000 – Summer 2002): Advanced Learning

Cognition with a Lab

History of Psychology (Online)

Lifespan Developmental Psychology

Psychology of Gender

Social Psychology

Sensation & Perception

Statistics with a Lab

Texas Tech University

(Fall 1995 – Spring 2000): General Psychology: 4 sections

Physiological Psychology: 2 sections

Research Methods: 2 sections

Administrative Experience

Fall 2009 – Summer 2017: Appointed dean of Universit

Appointed dean of University Honors Program in fall 2009. The position required the following skills and tasks: recruitment (students and faculty volunteers), marketing, programming, program assessment, course assessment, course proposal, SWOT Analysis, fundraising, management of student workers, budgeting, and teaching. Voluntarily stepped down to return to full-time faculty position with Psychology Department in fall

2017.

Research & Scholarship

Manuscripts

McGuire, M. J. (In Press). Question format biases college students' metacognitive judgments for exam performance. *International Journal for the Scholarship of Teaching & Learning*. [Peer reviewed]

McGuire, M. J. & Burdick, M. (book chapter under review). Improving instruction through a tiered system of peer observation and coaching. *Faculty peer coaching in higher education: Opportunities, explorations, and research from the field.* [Peer reviewed]

- **McGuire, M. J.** & MacDonald, P. M. (2009). Relation of early testing and incentive on quiz performance in introductory psychology. *Journal of Instructional Psychology*. [Peer reviewed]
- Dinkel, S., Patzel, B., & **McGuire, M. J.** (2007). Measures of homophobia among nursing students and faculty: A midwestern perspective. *International Journal of Nursing Education Scholarship*, 4 (1), 1 12. [Peer reviewed]
- Maki, R. H. & **McGuire**, **M. J.** (2002). Metacognition for text: Findings and implications for education. In T. Perfect & B. Schwartz (Eds.), *Applied metacognition*. Cambridge. [Invited]
- **McGuire, M. J.** & Maki, R. H. (2001). When knowing more means less: The effect of fan on metamemory judgments. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 27, 1172 1179. [Peer reviewed]

Research in Progress

- **McGuire, M. J.** & Taylor, C. Relationship between online versus paper exams on course performance.
- **McGuire, M. J.** How useful is the metacognitive awareness inventory (MAI)? *Manuscript in preparation*.
- **McGuire, M. J.** Can metacognitive awareness and course performance be improved via exam wrappers? A naturalistic study. *Manuscript in preparation*.

Conference Presentations

- **McGuire, M. J.**, Taylor, C., & Brehm, J. (2022, July). Impact of pivoting from closed-book exams in the classroom to open-book exams online on course performance. PowerPoint presented via Zoom at the SIDLIT Conference (online).
- Barnard, T. & **McGuire**, **M. J.** (2022, April). Condensing and improving the MAI as an academic screening tool. Poster presented at the annual Southwestern Psychological Association, Baton Rouge, LA.

- **McGuire, M. J.**, Toalson, S., Nelson, E., & Taylor, C. (2021, May). Relationship between multiple quiz attempts and course grades. Poster presented at the Online Lilly Conference.
- Frank, Z. & **McGuire**, **M. J.** (2020, February). Exam CSI: How Test Autopsies Impact Student Performance. Paper presented at the Lilly Conference for Active and Engaged Learning, San Diego, CA.
- Ledbetter, R., McKnight, B., Dunn, M., Powell, J., Aguilar, P., Beims, L., Smith, S., Lawless, C., McGuire, M. J., & Menager, C. (2019, November). *The Differential effects of cognitive reappraisal and mindfulness on improving mood*. Poster presented at the annual meeting of the Association for Behavioral and Cognitive Therapies, Atlanta, GA.
- **McGuire, M. J.** & Frank, Z. (2019, January). Are exam wrappers a silver bullet for improving metacognitive awareness? Paper presented at the Austin-Lilly Evidence-Based Teaching Conference, Austin, TX.
- **McGuire, M. J.** (2018, January). Course sharing in Cognition: Implementing metacognitive practices in class. Poster presented at the 40th annual meeting of the National Institute on the Teaching of Psychology, St. Pete Beach, FL.
- **McGuire, M. J.** (2011, October). Lessons from the *Art of Memory* and more: How to make an ordinary memory extraordinary. Invited lecture presented at the 30th annual Psychology and Education Research in Kansas (PERK), Hays, KS.
- **McGuire, M. J.** (2008, August). The Quality REACHE rubric: Effects on course evaluations and student learning. Paper presented at the 9th Annual Summer Institute on Distance Learning and Instructional Technology (SIDLIT), Overland Park, KS.
- Peterson, T. & **McGuire**, **M. J.** (2007, August). Quality REACHE Redux. Paper presented at the 8th Annual Summer Institute on Distance Learning and Instructional Technology (SIDLIT), Overland Park, KS.
- **McGuire, M. J.**, Patton, C. E., Moreland, S. M. (2006, November). To recall or to forget: Which is the better JOL query? Poster presented at the 47th annual meeting of the Psychonomic Society, Houston, TX.
- **McGuire, M. J.**, Meinecke, G. R. S., Patton, C. E., Burrell, A. M. (2005, November). The effect of perceived and actual retention intervals on Judgments-of-Learning (JOLs). Poster

- presented at the 46th annual meeting of the Psychonomic Society, Toronto, Ontario, Canada.
- McGuire, M. J., Bass, H., Bren, J., Hudson, D. & Seablom, K. (2002, March). Perceived versus actual delayed judgments of learning for fan concepts: A test of metamemory models.

 Paper presented at the 34th Meeting of the Michigan Academy of Science, Arts, and Letters, Mt. Pleasant, MI.
- Maki, R. H., Holder, E. W., & **McGuire**, **M. J**. (2001, November). Metamemory of text: A test of the optimum effort hypothesis. Paper presented at the 42nd annual meeting of the Psychonomic Society, Orlando, FL.
- Borts, P., Tobin, J., LaCasse, J., & **McGuire**, **M.J.** (2001, March). Metamemory judgments and exam performance as a function of question type and content area. Paper presented at the 33rd Meeting of the Michigan Academy of Science, Arts, and Letters, Dearborn, MI.
- **McGuire, M. J.** & Maki, R.H. (2000, November). A direct test of accessibility versus competition hypotheses of metamemory judgments. Poster presented at the 41st meeting of the Psychonomic Society, New Orleans, LA.
- **McGuire, M. J.** & Maki, R.H. (1999, November). The influence of a diminished fan effect on metamemory judgments. Poster presented at the 40th meeting of the Psychonomic Society, Los Angeles, CA.
- **McGuire, M. J.** & Maki, R. H. (1998, November). The effect of fan on metamemory judgments. Poster presented at the 39th meeting of the Psychonomic Society, Dallas, TX.

Departmental Colloquia

- **McGuire, M. J.** & Franks, Z. Do exam wrappers increase metacognitive awareness and test scores? Oral presentation for the School of Applied Studies, Washburn University, Topeka, KS, March 2019.
- Northern Michigan University, Psychology Colloquium. When Knowing More Means Predicting Less. Marquette, MI, October 2000.
- Texas Tech University, Applied Cognition Colloquium. Interference and Metamemory Judgments. Lubbock, TX, October 1999.

Texas Tech University, Second-Year Project Presentations-Psychology Colloquium. Factors Affecting Inferences During Comprehension of Short Narratives. Lubbock, TX, April 1997.

Washburn University Student-Directed Scholarly Projects & Presentations Listed in reverse chronological order

- Peebler, S. (2022, May). Relationship between childhood sexual abuse and development of anxiety disorders. Capstone project presented to Washburn Psychology faculty.

 [Literature Review]
- Uram, A. (2022, May). Specific learning disorder interventions. Capstone project presented to Washburn Psychology faculty. [Literature Review]
- Alcantar, R. (2022, April). Effects of musical intervention on short term retention of secondary language. Poster presented at the 18th Annual Apeiron. Washburn University, Topeka, KS. [Empirical]
- Griffiths, A. (2022, April). Trans men's perspectives on masculinity: Sexism, male privilege, and marginalized masculinities. Poster presented at the 18th Annual Apeiron. Washburn University, Topeka, KS. [Literature Review]
- Nelson, E. (2022, April). Self-compassion as an intervention against procrastination among American college students. Poster presented at the 18th Annual Apeiron. Washburn University, Topeka, KS. [Empirical]
- Tobin, T. (2021, December). Effects of sexual assault on structures of the brain impacting personality. Poster presented at the Day of Transformation. Washburn University, Topeka, KS. [Literature Review]
- Bocquin, Q. (2021, May). Effects of professors' cell phone policies on academic achievement.

 Directed research project.
- Bocquin, Q. (2021, April). How different types of cognitive breaks affect academic achievement.

 Poster presented at the 18th Annual Apeiron. Washburn University, Topeka, KS.

 [Literature Review]
- Hohlios, T. (2021, May). Psychological processes behind sports betting. Capstone project presented to Washburn Psychology faculty. [Literature review]

- Miller, K. (2021, May). Childhood sexual abuse: The life-long effects on the survivor. Capstone project presented to Washburn Psychology faculty. [Literature review]
- Dykes, H. (2021, April). Relationship between COVID-19 Compliance and Social Anxiety.

 Poster presented at the 18th Annual Apeiron. Washburn University, Topeka, KS.

 [Empirical]
- Powell, J. (2020, December). Effects of rapid eye movement sleep and slow wave sleep on emotional memory consolidation. Capstone project presented to Washburn Psychology faculty. [Literature Review]
- Dykes, H. (2020, May). Cell phone usage and perceived consequences. Independent study project. [Literature Review]
- Lawless, C. (2020, March). Electronic media use and sleep quality. Poster presented at the 40th annual Great Plains Students' Psychology Convention (1st place in Graduate Student Category), Missouri Western State University. [Empirical]
- Walpole, D. (2019, December). Impact of color on memory for office supplies. Capstone project to fulfill requirements of major in Psychology. [Empirical]
- Kalas, D. C. (2019, April). Literature review on whether exam wrappers can boost exam performance. Poster presented at the 17th Annual Apeiron. Washburn University, Topeka, KS.
- Fredrickson, A. P. (2019, April). Psychology in esports: A literature review. Poster presented at the 17th Annual Apeiron. Washburn University, Topeka, KS.
- Kalas, D. C. (2019, April). Literature review on whether exam wrappers can boost exam performance. Poster presented at the 17th Annual Apeiron. Washburn University, Topeka, KS.
- Kovatch, J. M. (2019, April). Literature review of primary and secondary symptoms of depression and effects on implicit and explicit memory. Poster presented at the 17th Annual Apeiron. Washburn University, Topeka, KS.
- Schone, S. A. (2019, April). Gender differences in attentional bias for grieving college students.

 Poster presented at the 17th Annual Apeiron. Washburn University, Topeka, KS.

 [Empirical]

- Stickley, J. (2019, April). Investigating the relationships among the intelligence, morality, and personality domains of mindset. Poster presented at the 17th Annual Apeiron. Washburn University, Topeka, KS. [Empirical]
- Wright, J. (2018, December). False memory: Effects of social contagion in social media.

 Capstone project presented to Washburn Psychology faculty. [Literature review]
- Ford, M. L. (2018, April). Comparing fidget spinners and coloring books in reduction of anxiety. Poster presented at the 16th Annual Apeiron. Washburn University, Topeka, KS.
- Graf, T. (2015, April). Efficacy of Complementary and Alternative Medical Therapies on Stress and Anxiety. Paper presented at the 13th Annual Apeiron. Washburn University, Topeka, KS.
- Kennedy, A. (2015, April). Nonprofit Volunteer Management: How to Effectively Organize Volunteers that Want to Give Back. Poster presented at the 13th Annual Apeiron. Washburn University, Topeka, KS.
- Morris, Z. (2014, April). Turn Down Your Music I'm Trying to Read: Effect of Music on Reading Comprehension. Poster presented at the Day of Transformation. Washburn University, Topeka, KS.
- Oxendine, B. (2014, April). Streamlining the Honors Contract Process Using Woofoo. Poster presented at the Day of Transformation. Washburn University, Topeka, KS.
- Donaldson, C. (2013, April). Literature review: Methods for remembering people's names. Poster presented at the Day of Transformation. Washburn University, Topeka, KS.
- Sankoorikal, M. (2013, April). Personality judgments through gender specific Facebook profiles. Poster presented at the Day of Transformation. Washburn University, Topeka, KS.
- Graf, T. (2012, November). Evaluating the significance of supplementing the university honors program with service-learning. Poster presented at the Day of Transformation. Washburn University, Topeka, KS.
- Loyd, J. (2012, April). Eyewitness interview tools: An examination of the self-administered interview tool over a delay. Poster presented at the Day of Transformation. Washburn University, Topeka, KS.
- Loyd, J. (2012, March). Assessing the efficacy of eyewitness interview procedures. Poster presented at the 32nd annual Great Plains Students' Psychology Convention, Northwest Missouri State University (Awarded 2nd Place).

- Peralta, Angela J. (2012, April). Massing practice produces equal or superior recall than spacing practice in specific conditions: A review. Paper presented at the 12th annual Apeiron, Washburn University.
- Ritter, C. (2012, April). The correlation between time spent playing video games and academic performance. Poster presented at the Day of Transformation, Washburn University, Topeka, KS.
- Ritter, C. (2012, March). Massively multiplayer online role playing game addiction: A literature review. Poster presented at the 32nd annual Great Plains Students' Psychology Convention, Northwest Missouri State University (Awarded 1st Place).
- Fell, B. (2011). Massively multiplayer online role-playing games: Relationship between time spent playing and social skills. Master's thesis.
- Stubbins, Q. L. (2010). The relationship between religious coping methods and depression. Master's thesis.
- Appleton, K. F. (2009, April). Learning through interactive quizzes, digital games versus text material: An empirical study. Paper presented at the 7th annual Apeiron, Washburn University.
- Guffey, A. L. (2009, April). Mitigating deception in negotiation. Poster presented at the 7th annual Apeiron, Washburn University.
- Lueth, C. L. (2009, April). Factors influencing decision making of battered women's choices for staying in or leaving violent relationships. Paper presented at the 7th annual Apeiron, Washburn University.
- Yu, C. W. (2009, April). Review of video games and learning: Guidelines for educational game design. Poster presented at the 7th annual Apeiron, Washburn University.
- Ferrer, M. M. (2009, March). No child left behind and education quality: A review of research.

 Poster presented at the 29th annual Great Plains Students' Psychology Convention,

 University of Nebraska at Kearney.
- Allen, J. P. (2008). Personality predictors of academic success. Master's thesis.
- Ard, A. D. (2008, April). A review of research concerned with improving communication skills among children with autism. Paper presented at the 6th annual Apeiron, Washburn University.

- Mantis, K. (2007). Images and music as a means of enhancing the persuasive effect of messageelicited affect. Master's thesis.
- Carrigan, R. C. (2007, April). Uncontrollability and inescapability: Causes and preventions of learned helplessness. Paper presented at the 5th annual Apeiron, Washburn University.
- Appleton, K. F. (2007, April). Digital Educators: A literature review of digital game-based learning for students. Paper presented at the 5th annual Apeiron, Washburn University.
- Meinecke, G., Moreland, S., & Patton, C. (2006, May). The effects of timing delays and instructional framing on judgments of learning (JOLs). Poster presented at the 78th Annual meeting of the Midwestern Psychological Assocation.
- Diehl, L. W. (2006). Mock jurors' attributions of victim responsibility in rape cases. Master's thesis.
- Moreland, S. G. & Patton, C. E. (2006, April). Judgments of learning versus judgments of forgetting. Paper presented at the 4th annual Apeiron, Washburn University.
- Meyer, C. (2005, April). The effects of divided attention on time and event-based prospective memory. Poster presented at the 4th annual Apeiron, Washburn University.
- Scott, K. (2005, April). The effect of interactive imagery on recall and judgments of learning (JOLs). Paper presented at the 3rd annual Apeiron, Washburn University.
- Meinecke, G. R. & Burrell, A. M. (2005, March). How well can students predict future test performance? Paper presented at the 25th annual Great Plains Student Psychology Convention.
- Meinecke, G. R., Burrell, A. M., & Moritz, C. E. (2005, April). How well can students predict future test performance? Poster presented at the 3rd annual Apeiron, Washburn University.
- Burrell, A. & Landis, B. (2004, March). The effect of time on test on judgments of learning for paired associates. Paper presented at the 24th annual Great Plains Student Psychology Convention.
- Scott, K. & Hilberg, L. (2004, March). The effect of interactive imagery on recall and judgments of learning. Paper presented at the 24th annual Great Plains Student Psychology Convention.
- Burrell, A. (2004, April). Year in school's effect on metacognitive accuracy. Poster presented at the 2nd annual Apeiron, Washburn University.

- Landis, B. (2004, April). The effect of time on test of judgments of learning for paired associates. Poster presented at the 2nd annual Apeiron, Washburn University.
- Meyer, C. (2004, April). Literature review of factors affecting judgments of learning. Poster presented at the 2nd annual Apeiron, Washburn University.

Unpublished Manuscripts

- **McGuire, M. J.** (2000). The effect of associative interference on predicting future memory performance. Dissertation, Texas Tech University.
- **McGuire, M. J.** (1997). Making the connection: The role of anaphoric and causal processes in comprehending short narratives. Second Year Project in Doctoral Program, Texas Tech University.
- **McGuire, M. J.** (1995). Comparison of the informational helplessness model vs. the original model of learned helplessness. Master's Thesis, Idaho State University.

Research Interests

- Scholarship of Teaching of Learning
- Metamemory Judgments
 - ♦ Judgments of Learning
 - ♦ Feeling-of-Knowing Judgments
 - ♦ Confidence Judgments
- Metacomprehension
 - ♦ Material in a classroom context
 - ♦ Textbook material
- Effectiveness of Mnemonic Devices
- Effectiveness of Classroom Demonstrations

Select Service Roles

Fall 2009 – Present Faculty Senator (Fall 2022-present)

Psychology – Mastery Lab Coordinator (2022-present)

Assessment Committee Member (2021-present)

Psychology – Mastery Lab Assistant Coordinator (2018-2022)

Library Committee – (2019-2021)

College Faculty Council Member (2019 – 2022)

Phi Kappa Phi Executive Committee Member (2016-present)

Online Education Committee (Fall 2014 – Spring 2015)

Apeiron Committee Member (Fall 2014 – Spring 2017; Fall 2019 – Spring 2021;

Fall 2022 - present)

Psychology Departmental Secretary (Academic Year 2014-15; 2017-2019; 2021-2022)

Psychology ACAT Coordinator (2012)

Co-facilitator for Leadership Washburn (Academic Year 2012-13)

Inaugural Class Graduate of Leadership Washburn (Academic Year 2011-12)

Face-to-Face Facilitator Recertification (FFR) for Applying the QM Rubric (May 10, 2013)

Quality Initiative Reviewer (Fall 2012 – Spring 2015)

Training for understanding the updated Quality Matters Rubric (August, 2011)

Training Update for facilitating Applying the QM Rubric face-to-face (July, 2011)

Advisor to Honors Student Council (Spring 2010 – present)

WTE Scholarly & Creative Review Committee

Faculty IT Advisory Committee (Fall 2009 – Spring 2011)

Bachelor Integrated Sciences Committee (Fall 2009 – Spring 2011)

Certified Quality Matters Train-the-Trainer (TTT) (January, 2009)

Faculty Development Steering Committee (Fall 2009 – Spring 2012)

Spring 2008-Fall 2008 Associate Professor (Promotion received Fall 2008), Washburn University

Faculty Senator

Co-Chair of the Faculty Affairs Committee

Faculty Development Steering Committee Member

IRB reviewer

Employee Wellness Committee Member

Library Committee Member (departmental representative)

Bachelor of Integrated Studies committee member

Learning Management System (ad hoc) Committee Member

Learning Management System Implementation (ad hoc) Committee Member

Fall 2002 – Spr 2008	Assistant Professor, Washburn University
	Instructional Designer Search Committee Member (Spring 2008)
	CAS Summer Advising Team Member (2006, 2007, 2008)
	Online Education Coordinator Search Committee (Spring 2007)
	Academic Advising Search Committee Member (Spring 2006)
	Assessment Liaison (began Fall 2007)
	Employee Wellness Committee Member (began Summer 2006)
	Faculty Senate (AY05-06)
	Interdisciplinary Studies Committee Member (AY04-06)
2000-Summer 2002	Postdoctoral Teaching Fellow, Northern Michigan University. Taught several
	different courses, established research laboratory, and coordinated undergraduate
	research groups. Harry A. Whitaker, Ph.D., Sponsor
1998-2000	Research Assistant, Half-time: Texas Tech University. Assisted in researching
	metacognitive-related issues, maintained research laboratory, and coordinated
	undergraduate research groups. Supervised by Ruth H. Maki, Ph.D.
1996-1998	Teaching Assistant, Half-time: General Psychology, Research Methods, and
	Physiological Psychology.
1995-1996	Teaching Assistant, Quarter-time: General Psychology at Texas Tech
	University.
1995-1997	Research Assistant: Involved investigating the role of anaphors in text
	comprehension. Supervised by Jason E. Albrecht, Ph.D. at Texas Tech
	University.
1993-1995.	Clinical Assistant, Half-time: Involved working with disadvantaged children.
	Supervised by Mark Roberts, Ph.D. at Idaho State University.

Awards and Honors

2022.	20-year Employee Recognition
	CTEL Inclusive Teaching Certificate
2021.	CTEL Teaching and Learning Certificate 5-Year Award
	CTEL Inclusive Teaching Certificate
2018.	CTEL Teaching Fellow 3-Year Appointment
2015.	Annual Herrick Faculty Award for Outstanding Service (4/2/15)

2014.	Annual Muriel D. Clarke, Student Life Award
2014.	Monthly Student Life Achieving Excellence Award
	Received for "exemplifying behaviors consistent with Student
	Life's mission and values" for the month of March
2012.	Outstanding Leadership at Washburn University (Faculty)
	Received from the students of the Leadership Institute at Washburn
	University.
2012.	Completed Inaugural Leadership Washburn Program
2009.	Appointed to Dean, University Honors Program (Fall 2009)
2008.	Promoted to Associate Professor
2008.	Granted Tenure
2007.	Rodin Award for Excellence in Online Education
2002.	Internal Research Grant, Washburn University, \$1800.
1999.	Competitive \$2000 Graduate School-Summer Dissertation Award
1995-1999.	Departmental Scholarship, Texas Tech University.
1997(Spring),1998(Fall).	Nominated for Outstanding Teacher by the Delta-Delta-
	sorority.
1991-1993.	Dean's List at Wabash College. Academic All-American Wrestler.

References (more available upon request)

Cindy Turk, Ph.D., Professor, Departmental Chair, Psychology Washburn University 1700 SW College Ave. Topeka, KS 66621 (785) 670-1564 cindy.turk@washburn.edu

Dave Provorse, Ph.D., Associate Professor, Former Chair, Psychology Washburn University 1700 SW College Ave. Topeka, KS 66621 (785) 670-1565 dave.provorse@washburn.edu

Melanie Burdick, Ph.D., Departmental Chair, English (Former CTEL Director) Washburn University 1700 SW College Ave. Topeka, KS 66621 (785) 670-???? melanie.burdick@washburn.edu