

Matt Meier

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Position

Assistant Professor, *Western Carolina University* 2014 - present

Education

Ph. D., Cognitive Psychology 2014
University of North Carolina at Greensboro
Advisor: Michael J. Kane

M. A. Clinical Psychology 2008
Appalachian State University
Advisor: Dayna R. Touron

B. A. Psychology, Minor in Philosophy 1996
Rutgers University

Publications

Peer-reviewed journal articles

Meier, M. E., Smeekens, B. A., Silvia, P. J., Kwapil, T. R., & Kane, M. J. (in press). Working memory capacity and the antisaccade task: A microanalytic-macroanalytic investigation of individual differences in goal activation and maintenance. *Journal of Experimental Psychology: Learning, Memory, & Cognition*.

Kane, M. J., Gross, G. M., Chun, C. A., Smeekens, B. A., Meier, M. E., Silvia, P. A., & Kwapil, T. R. (in press). For whom the mind wanders, and when, II: Individual differences in subjective experience vary across laboratory and daily-life settings. *Psychological Science*.

Redick, T. S., Shipstead, Z., Meier, M. E., Montroy, J., Hicks, K. L., Unsworth, N., Kane, M. J., Hambrick, D. Z. & Engle, R. W. (2016). Cognitive predictors of a common multitasking ability: contributions from working memory, attention control, and fluid intelligence. *Journal of Experimental Psychology: General*, 145(11), 1473 - 1492.

- Kane, M. J., Meier, M. E., Smeekens, B. A., Gross, G. M., Chun, C. A., Silvia, P. J., & Kwapil, T. R. (2016). Individual differences in the executive control of attention, memory, and thought, and their associations with schizotypy. *Journal of Experimental Psychology: General*, 145(8), 1017-1048.
- Meier, M. E., & Kane, M. J. (2015). Carving executive control at its joints: Working memory capacity predicts stimulus-stimulus, but not stimulus-response, conflict. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 41(6), 1849-1872.
- Meier, M. E., & Kane, M. J. (2013). Working memory capacity and Stroop interference: Global versus local indices of executive control. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 39(3), 748-759.
- McVay, J. C., Meier, M. E., Touron, D. R., & Kane, M. J. (2013). Aging Ebbs the Flow of Thought: Adult Age Differences in Mind Wandering, Executive Control, and Self-Evaluation. *Acta psychologica*, 142(1), 136 -147.
- Redick, T. S., Broadway, J. M., Meier M. E., Kuriaskose, P. S., Unsworth, N., Kane, M. J., & Engle, R. W. (2012). Measuring working memory capacity with automated complex span tasks. *European Journal of Psychological Assessment*, 28(3), 164-171.
- Touron, D. R., Oransky, N., Meier, M. E., & Hines, J. C. (2010). Metacognitive monitoring and strategic behaviour in working memory performance. *Quarterly Journal of Experimental Psychology*, 63(8), 1533-1551.

Chapters

- Meier, M. E., & Kane, M. J. (2017). Working memory capacity and attentional control. In Tobias Egner (Ed.), *Wiley Handbook of Cognitive Control*. (pp. 50-63)

Manuscripts under review and in preparation

- Meier, M. E., & Lyons, A. J., Can Research Participants Comment Authoritatively on the Validity of Their Self-Reports of Mind Wandering and Task Engagement? A Replication and Extension of Seli, Jonker, Cheyne Cortes, and Smilek (2015)
- Kuhlmann, B. G., & Meier, M. E., Connecting Working and Long-Term Memory: A Multinomial Model-Based Analysis of Encoding and Retrieval Processes

Invited Talks

- Meier, M. E., & Kuhlmann, B. G., (2016) Working memory capacity and the recollection-based counteraction of fluency. Invited talk at the Southeastern Society of Philosophy and Psychology, Louisville, KY.

Conference Presentations

- Meier M. E., & Lyons, A. J. (2017). *Can Research Participants Comment Authoritatively on the Validity of Their Self-Reports of Mind Wandering? A Replication and Extension of Seli, Jonker, Cheyne, Cortes, and Smilek (2015)*. Poster to be presented at the Annual Meeting of the Psychonomic Society. Vancouver, BC.
- Welhaf, M.S., Smeekens, B. A., Meier, M. E., Silvia, P. J., Kwapil, T. R., & Kane, M. J. (2017). *Individual differences in mind-wandering content and consistency*. Poster to be presented at the Annual Meeting of the Psychonomic Society. Vancouver, BC.
- Lyons, A. J., & Meier, M. E., (2017). *Pre-registered replication and extension of Seli, Jonker, Cheyne, Cortes, & Smilek (2015): No evidence of individual differences in the monitoring of mind wandering*. Poster presented at the 2017 North Carolina Cognition Conference. Greensboro, NC.
- Lyons, A. J., Donchenko, M., Ritch, J., Moss, E., & Meier, M. E., (2017). *Individual differences in the awareness of mind wandering*. Talk presented at the 2017 Southeastern Psychological Association Annual Meeting. Atlanta, GA.
- Meier, M. E., Lyons, A. J., Smeekens, B. A., Kwapil, T. R., Silvia, P. J., & Kane, M. J. (2016). *Going deep on the antisaccade: Informing the nature of WMC-related attentional control*. Poster presented at the Annual Meeting of the Psychonomic Society. Boston, MA.
- Lyons, A. J., Meier, M. E., Smeekens, B. A., Silvia, P. J., Kwapil, T. R., & Kane, M. J. (2016). *Mind wandering: A moderating variable between WMC and habitual response inhibition*. Poster presented at the 2016 Southeastern Psychological Association Annual Meeting. New Orleans, LA.
- Smeekens, B. A., Meier, M. E., & Kane, M. J., (2015) *Do working memory capacity and fluid intelligence predict divergent thinking?* Poster presented at the Annual Meeting of the Psychonomic Society, Chicago, IL.
- Gross, G.M., Chun, C., Kane, M., Silvia, P.J., Smeekins, B., Meier, M., & Kwapil, T.R. (2015). *The inclusion of cognitive dysfunction in the measurement of laboratory and daily-life schizotypy dimensions*. Poster presented at the 2015 meeting of the Society for Research in Psychopathology. New Orleans, LA.
- Kane, M. J., Gross, G. M., Chun, C. A., Meier, M. E., Smeekens, B. A., Silvia, P. J., & Kwapil, T. R. (2015). *What do cognitive abilities and schizotypic personality predict about mind wandering experiences in daily life?* Talk presented at SARMAC XI, The Biennial meeting of the Society for Applied Research in Memory and Cognition, Victoria, British Columbia
- Kane, M. J., Meier, M. E., Smeekens, B. A., Gross, G. M., Chun, C. A., Silvia, P. J., & Kwapil, T. R. (2014). *Executive control of memory, attention, and action: Normal and atypical*

variation. Talk presented at the Annual Meeting of the Psychonomic Society, Long Beach, CA.

Kuhlmann, B. G., Meier, M. E., & Arnold, N. R. (2013). *Connecting working and long-term memory: A model-based analysis of encoding and retrieval processes*. Poster presented at the Annual Meeting of the Psychonomic Society. Toronto, ON.

Smeeckens, B., Meier, M. E., & Kane, M. J. (2012). *Paying attention to insight and creativity: Contributions of working-memory capacity and mind-wandering*. Poster presented at the Annual Meeting of the Psychonomic Society. Minneapolis, MN.

Meier, M. E., & Kane, M. J. (2011). *Working memory capacity and resolving stimulus-stimulus versus stimulus-response conflict*. Poster presented at the Annual Meeting of the Psychonomic Society. Seattle, WA.

Meier, M. E., & Kane, M. J. (2010). *Response set, repetitions, and runs moderate working memory capacity's effect on Stroop interference*. Poster presented at the Annual Meeting of the Psychonomic Society. St. Louis, MO.

McVay, J. C., Meier, M. E., Touron, D. R., & Kane, M. J. (2009). *The Aging of the wandering mind: Task-unrelated versus performance-related thought*. Poster presented at the Annual Meeting of the Psychonomic Society. Boston, MA.

Touron, D. R., Oransky, N., Meier, M. E., & Hines, J. C. (2007). *Does metacognitive monitoring influence age differences in working memory performance?* Poster presented at the Annual Meeting of the Psychonomic Society. Long Beach, CA.

Meier, M. E., Touron, D. R., & Hertzog, C. (2006). *Moderation of age-related differences in response criteria through latency deadlines*. Poster presented at the Annual Meeting of the Psychonomic Society. Houston, TX.

Ad-Hoc Manuscript Reviewer

Journal of Experimental Psychology: Applied

Journal of Experimental Psychology: Learning, Memory, and Cognition

Developmental Science

Quarterly Journal of Experimental Psychology

Current Psychology

Teaching

Western Carolina University

Belief in “Weird” Things
Cognitive Psychology (face-to-face & online)
General Psychology
Graduate Statistics
Graduate Cognitive Psychology
Senior Seminar

Appalachian State University

Cognitive Psychology
Personality Psychology

Elon University

Introduction to Psychology

UNCG

Introduction to Psychology
Research and Statistical Methods Lab

Service

Colloquium Coordinator
Research Pool Coordinator
College of Education and Allied Professions Disaster Plan Committee Member
Psychology Graduate Program Committee Member
Thesis Committee Member
Thesis Chair
General-Experimental Psychology Committee Member
CEAP Curriculum Committee Member
Clinical Psychology Faculty Search Member (2x)
Open Position Faculty Search Member
Botner Superior Teaching Award Committee Member
Chancellor’s Distinguished Teaching Award Committee Member
Excellence in Teaching Liberal Studies Award Committee Member

Awards

Greensboro Scholarship Award

2008-2010

Professional Memberships

Society for the Improvement of Psychological Science
Psychonomic Society
Southeastern Psychological Association