

703 Third Street
Office: PSYC 3120
West Lafayette, IN 47907

tredick@purdue.edu
765-494-5132
<https://sites.google.com/view/redicklab>

ACADEMIC POSITIONS

Professor , Purdue University	2024-present
Associate Professor , Purdue University	2018-2024
Assistant Professor , Purdue University	2013-2018
Assistant Professor , Indiana University Purdue University Columbus	2011-2013
Post-doctoral researcher , Georgia Tech	2009-2011

EDUCATION

PhD , Georgia Tech, Experimental Psychology, Minor: Quantitative	2009
MS , Georgia Tech, Experimental Psychology	2006
BA , Wake Forest University, Psychology w/Honors, Minor: Neuroscience	2003

TEACHING EXPERIENCE

Instructor, Purdue

Augmenting Human Cognition, Complex Cognitive Processes, Introduction to Cognitive Psychology, Introduction to Research Methods in Psychology, Honors Research Seminar I, Honors Research Seminar II, Honors Research Seminar III

Instructor, IUPUC

Cognition, Learning, Psychology as a Biological Science, Capstone Lab in Psychology, Introductory Lab in Psychology, Readings & Research in Psychology

Instructor, Georgia Institute of Technology

General Psychology, Human Development, Statistical Analysis I Lab [Graduate]

FUNDING

1. Office of Naval Research Multi-University Research Initiative (MURI) Sep 2023-Aug 2026
Understanding and Building Overall Cognitive Capability through Attention Control
Co-PI with R. Engle (PI) and E. Miller, E. Vogel, M. Rosenberg, & K. Fenn

2. Purdue Health and Human Sciences Jun 2021-Aug 2023
Action Video Game Training Effects on Cognition in Middle-aged Adults
PI

3. NSF Feb 2021-Jan 2024; no-cost ext. until Jan 2025
Collaborative Research: Improving Worker Safety by Understanding Risk Compensation as a Latent Precursor of At-risk Decisions
Co-PI with S. Hasanzadeh (PI) and B. Esmaeili (co-PI)

4. NSF Sep 2020-May 2021
C-Accel Phase 2: B1 (Future Jobs and AI): Skill-XR: An Affordable and Scalable X-Reality (XR) Platform for Skills Training and Analytics in Manufacturing Workforce Education
Co-PI with K. Ramani (PI) and K. Peppler, N. Elmqvist, & A. Quinn (co-PIs)

- 5. NSF** Sep 2019-May 2020; no-cost ext. until May 2021
C-Accel Phase 1: Collaborative Research: Skill-LeARn: Affordable augmented reality platform for scaling up manufacturing workforce, skilling, and education
 Co-PI with K. Ramani (PI) and D. Ebert, K. Peppler, & S. Zhang (co-PIs)
- 6. NSF** Oct 2018-Sept 2022; no-cost ext. until Sept 2023
FW-HTF: Collaborative Research: Pre-skilling workers, understanding labor force implications and designing future factory human-robot workflows using a physical simulation platform
 Co-PI with K. Ramani (PI) and S. Nof, A. Quinn, K. Peppler, & D. Acemoglu (co-PIs)
- 7. NSF** Aug 2016-Jul 2019; no-cost ext. until Jul 2022
Collaborative Research: Testing individualized cognitive training interventions based on a multifaceted theory of working memory
 PI with N. Unsworth and G. Brewer (co-PIs)
- 8. Allied Milk Producers** Aug 2016-May 2017
Nutritional intervention for repetitive subconcussive events
 Co-Investigator with E. Nauman (PI) and T. Talavage (co-investigator)
- 9. NIH/NIAAA** Aug 2014-Jul 2019
Behavioral disinhibition in early-onset alcoholism
 Co-Investigator with P. Finn (PI) and J. Busemeyer (co-investigator)
- 10. University of Maryland Center for Advanced Study of Language** Feb 2013-Jul 2013
The unitary versus non-unitary nature of executive functions and their contributions to cognition in the language
- 11. Office of Naval Research subcontract** Jul 2012-Jul 2015
Which competencies can be enhanced by working memory training?
 Subcontract with R. Engle (PI)

PUBLICATIONS (*indicates publication in which I am corresponding author; ¹indicates undergrad student; ²indicates grad student)

1. Robison, M. K., Miller, A. L., Wiemers, E. A., Ellis, D. M., Unsworth, N., **Redick, T. S.**, & Brewer, G. A. (2024). What makes working memory work? A multifaceted account of the predictive power of working memory capacity. *Journal of Experimental Psychology: General*, *153*, 2193-2215.
2. Hélie, S., Lim, L. X., Adkins, M., & **Redick, T. S.** (2023). A computational model of prefrontal and striatal interactions in perceptual category learning. *Brain and Cognition*, *168*, 105970. doi: 10.1016/j.bandc.2023.105970
3. Chidambaram, S., Reddy, S. S., Rumble, M., Ipsita, A., Villanueva, A., **Redick, T.**, Stuerzlinger, W., & Ramani, K. (2022). EditAR: A Digital twin authoring and editing environment to create instructional content for AR/VR and video media. *Proceedings of the 2022 IEEE International Symposium on Mixed and Augmented Reality (ISMAR)*, 1-10. doi: 10.1109/ISMAR55827.2022.00048

4. Finn, P., Nemes, L., Bailey, A., Gunn, R. L., Wiemers², E. A., & **Redick, T. S.** (2022). The effects of working memory versus adaptive visual search control training on executive cognitive function. *Journal of Cognitive Enhancement*, 6, 327-339. doi: 10.1007/s41465-022-00241-y
5. Ipsita, A., Erickson, L., Dong, Y., Huang, J., Bushinski, A. K., Saradhi, S., Villanueva, A. M., Pepler, K. A., **Redick, T. S.**, & Ramani, K. (2022). Towards modeling of virtual reality welding simulators to promote accessible and scalable training. *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems*, 1-21.
6. Villanueva, A., Liu, Z., Kitaguchi, Y., Zhu, Z., Pepler, K., **Redick, T.**, & Ramani, K. (2021). Towards modeling of human skilling for electrical circuitry using augmented reality applications. *International Journal of Educational Technology in Higher Education*, 18, 39. doi: 10.1186/s41239-021-00268-9
7. Chidambaram, S., Huang, H., He, F., Qian, X., Villanueva, A. M., **Redick, T. S.**, Stuerzlinger, W., & Ramani, K. (2021). ProcessAR: An augmented reality-based tool to create in-situ procedural 2D/3D AR instructions. *DIS '21: Proceedings of the 2021 Designing Interactive Systems (DIS) Conference*, 1-16. doi: 10.1145/3461778.3462126
8. Ruiz, Y., MacDermid Wadsworth, S. M., Elias, C., Marceau, K., Purcell, M. L., **Redick, T. S.**, Richards, E. A., & Schlesinger-Devlin, E. (2020). Ultra-rapid development and deployment of a family resilience program during the COVID-19 pandemic: Lessons learned from *Families Tackling Tough Times Together*. *Journal of Military, Veteran and Family Health*, 6(S2), 35-43. doi: 10.3138/jmvfh-6.s2-CO19-0013
9. Villanueva, A., Zhu, Z., Liu, Z., Pepler, K., **Redick, T.**, & Ramani, K. (2020). Meta-AR-App: An authoring platform for collaborative augmented reality in STEM classrooms. *CHI '20: Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*, 1-14. doi: 10.1145/3313831.3376146
10. ***Redick, T. S.**, Wiemers², E. A., & Engle, R. W. (2020). The role of proactive interference in working memory training and transfer. *Psychological Research*, 84, 1635-1654. doi: 10.1007/s00426-019-01172-8
11. Martin, J. D., Shipstead, Z., Harrison, T. L., **Redick, T. S.**, Bunting, M. F., & Engle, R. W. (2020). The role of maintenance and disengagement in predicting reading comprehension and vocabulary learning. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 46, 140-154. doi: 10.1037/xlm0000705
12. ***Redick, T. S.** (2019). The hype cycle of working memory training. *Current Directions in Psychological Science*, 28, 423-429. doi: 10.1177/0963721419848668
13. Wiemers², E. A., & **Redick, T. S.** (2019). Task manipulation effects on the relationship between working memory and go/no-go task performance. *Consciousness and Cognition*, 71, 39-58. doi: 10.1016/j.concog.2019.03.006
14. Wiemers², E. A., **Redick, T. S.**, & Morrison, A. B. (2019). The influence of individual differences in cognitive ability on working memory training gains. *Journal of Cognitive Enhancement*, 3, 174-185. doi: 10.1007/s41465-018-0111-2

15. Wiemers², E. A., & **Redick, T. S.** (2019). The influence of thought probes on performance: Does the mind wander more if you ask it?. *Psychonomic Bulletin & Review*, *26*, 367-373. doi: 10.3758/s13423-018-1529-3
16. Gunn, R. L., Gerst, K. R., Wiemers², E. A., **Redick, T. S.**, & Finn, P. R. (2018). Predictors of effective working memory training in those with alcohol use disorders. *Alcoholism: Clinical & Experimental Research*, *42*, 2432-2441. doi: 10.1111/acer.13892
17. Wiemers², E. A., & **Redick, T. S.** (2018). Working memory capacity and intra-individual variability of proactive control. *Acta Psychologica*, *182*, 21-31. doi: 10.1016/j.actpsy.2017.11.002
18. Foster, J. L., Harrison, T. L., Hicks, K. L., Draheim, C., **Redick, T. S.**, & Engle, R. W. (2017). Do the effects of working memory training depend on baseline ability level? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *43*, 1677-1689. doi: 10.1037/xlm0000426
19. Christopher², E. A., & **Redick, T. S.** (2017). Working memory. In V. Zeigler-Hill & T. Shackelford (Eds.), *Encyclopedia of Personality and Individual Differences*. Springer. doi: 10.1007/978-3-319-28099-8_1039-1
20. ***Redick, T. S.**, Unsworth, U., Kane, M. J., & Hambrick, D. Z. (2017). Don't shoot the messenger: Still no evidence that videogame experience is related to cognitive abilities – A reply to Green et al. (2017). *Psychological Science*, *28*, 683-686. doi: 10.1177/0956797617698527
21. Unsworth, N., & **Redick, T. S.** (2017). Working memory and intelligence. In J. Wixted (Ed.), *Cognitive Psychology of Memory, Vol. 2 of Learning and Memory: A Comprehensive Reference, 2nd edition*, Byrne, J. H. (ed.). pp. 163-180. Oxford: Academic Press. <http://dx.doi.org/10.1016/B978-0-12-809324-5.21041-9>
22. ***Redick, T. S.** (2016). On the relation of working memory and multitasking: Memory span and synthetic work performance. *Journal of Applied Research in Memory and Cognition*, *5*, 401-409. doi: 10.1016/j.jarmac.2016.05.003
23. ***Redick, T. S.**, Shipstead, Z., Meier, M. E., Montroy, J. 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*, 1473-1492. doi: 10.1037/xge0000219
24. McCabe, J. A., **Redick, T. S.**, & Engle, R. W. (2016). Brain training pessimism, but applied memory optimism. *Psychological Science in the Public Interest*, *17*, 187-191. doi: 10.1177/1529100616664716
25. *Melby-Lervåg, M., **Redick, T. S.**, & Hulme, C. (2016). Working memory training does not improve performance on measures of intelligence or other measures of “far transfer”: Evidence from a meta-analytic review. *Perspectives on Psychological Science*, *11*, 512-534. doi: 10.1177/1745691616635612 (all authors contributed equally)

26. Richmond, L., **Redick, T. S.**, & Braver, T. (2015). Remembering to prepare: The benefits (and costs) associated with high working memory capacity. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *41*(6), 1764-1777. doi:10.1037/xlm0000122
27. ***Redick, T. S.**, Shipstead, Z., Wiemers², E. A., Melby-Lervåg, M., & Hulme, C. (2015). What's working in working memory training? An educational perspective. *Educational Psychology Review*, *27*, 617-633. doi:10.1007/s10648-015-9314-6
28. Oswald, F. O., McAbee, S. T., **Redick, T. S.**, & Hambrick, D. Z. (2015). The development of a short domain-general measure of working memory capacity. *Behavior Research Methods*, *47*, 1343-1355. doi:10.3758/s13428-014-0543-2
29. Unsworth, N., **Redick, T. S.**, McMillan, B. D., Hambrick, D. Z., Kane, M. J., & Engle, R. W. (2015). Is playing video games related to cognitive abilities? *Psychological Science*, *26*, 759-774. doi:10.1177/0956797615570367
30. Foster, J. L., Shipstead, Z., Harrison, T. L., Hicks, K. L., **Redick, T. S.**, & Engle, R. W. (2015). Shortened complex span tasks can reliably measure working memory capacity. *Memory & Cognition*, *43*, 226-236. doi:10.3758/s13421-014-0461-7
31. ***Redick, T. S.** (2015). Working memory training and interpreting interactions in intelligence interventions. *Intelligence*, *50*, 14-20. doi:10.1016/j.intell.2015.01.014
32. ***Redick, T. S.**, & Webster, S. B. (2014). Videogame interventions and spatial ability interactions. *Frontiers in Human Neuroscience*, *8*, 183. doi:10.3389/fnhum.2014.00183
33. *Armand¹, J. T., **Redick, T. S.**, & Poulsen, J. R. (2014). Task-specific performance effects with different numeric keypad layouts. *Applied Ergonomics*, *45*, 917-922. doi:10.1016/j.apergo.2013.11.008
34. ***Redick, T. S.** (2014). Cognitive control in context: Working memory capacity and proactive control. *Acta Psychologica*, *145*, 1-9. doi:10.1016/j.actpsy.2013.10.010
35. Harrison, T. L., Shipstead, Z., Hicks, K. L., Hambrick, D. Z., **Redick, T. S.**, & Engle, R. W. (2013). Working memory training may increase working memory capacity but not fluid intelligence. *Psychological Science*, *24*, 2409-2419. doi:10.1177/0956797613492984
36. ***Redick, T. S.**, & Lindsey, D. R. B. (2013). Complex span and n-back measures of working memory: A meta-analysis. *Psychonomic Bulletin & Review*, *20*, 1102-1113. doi:10.3758/s13423-013-0453-9
37. ***Redick, T. S.**, Shipstead, Z., Harrison, T. L., Hicks, K. L., Fried, D. E., Hambrick, D. Z., Kane, M. J., & Engle, R. W. (2013). No evidence of intelligence improvement after working memory training: A randomized, placebo-controlled study. *Journal of Experimental Psychology: General*, *142*, 359-379. doi:10.1037/a0029082
38. ***Redick, T. S.**, Unsworth, N., Kelly, A. J., & Engle, R. W. (2012). Faster, smarter? Working memory capacity and perceptual speed in relation to fluid intelligence. *Journal of Cognitive Psychology*, *24*, 844-854. doi:10.1080/20445911.2012.704359

39. Shipstead, Z., **Redick, T. S.**, Hicks, K. L., & Engle, R. W. (2012). The scope and control of attention as separate aspects of working memory. *Memory, 20*, 608-628. doi:10.1080/09658211.2012.691519
40. Shipstead, Z., **Redick, T. S.**, & Engle, R. W. (2012). Is working memory training effective? *Psychological Bulletin, 138*, 628-654. doi:10.1037/a0027473
41. ***Redick, T. S.**, Broadway, J. M., Meier, M. E., Kuriakose, 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*, 164-171. doi:10.1027/1015-5759/a000123
42. Mayers, L. B., & **Redick, T. S.** (2012). Authors' reply to "Response to 'Clinical utility of ImpACT assessment for post-concussion return-to-play counseling: Psychometric issues'". *Journal of Clinical and Experimental Neuropsychology, 34*, 435-442. doi:10.1080/13803395.2012.667790
43. Mayers, L. B., & **Redick, T. S.** (2012). Clinical utility of ImpACT assessment for postconcussion return-to-play counseling: Psychometric issues. *Journal of Clinical and Experimental Neuropsychology, 34*, 235-242. doi:10.1080/13803395.2011.630655
44. Unsworth, N., **Redick, T. S.**, Spillers, G. J., & Brewer, G. A. (2012). Variation in working memory capacity and cognitive control: Goal maintenance and microadjustments of control. *Quarterly Journal of Experimental Psychology, 65*, 326-355. doi:10.1080/17470218.2011.597865
45. ***Redick, T. S.**, & Engle, R. W. (2011). Integrating working memory capacity and context-processing views of cognitive control. *Quarterly Journal of Experimental Psychology, 64*, 1048-1055. doi:10.1080/17470218.2011.577226
46. Mayers, L. B., **Redick, T. S.**, Chiffriker, S. H., Simone, A. N., & Terraforte, K. R. (2011). Working memory capacity among collegiate student-athletes: Effect of sport-related head contacts, concussions, and working memory demands. *Journal of Clinical and Experimental Neuropsychology, 33*, 532-537. doi:10.1080/13803395.2010.535506
47. ***Redick, T. S.**, Calvo, A., Gay¹, C. E., & Engle, R. W. (2011). Working memory capacity and go/no-go task performance: Selective effects of updating, maintenance, and inhibition. *Journal of Experimental Psychology: Learning, Memory, and Cognition, 37*, 308-324. doi:10.1037/a0022216
48. Unsworth, N., **Redick, T. S.**, Lakey, C. E., & Young, D. L. (2010). Lapses in sustained attention and their relation to executive control and fluid abilities: An individual differences investigation. *Intelligence, 38*, 111-122. doi:10.1016/j.intell.2009.08.002
49. Broadway, J. M., **Redick, T. S.**, & Engle, R. W. (2010). Working memory capacity: Self-control is (in) the goal. In R. Hassin, K. N. Ochsner, & Y. Trope (Eds.), *Self control in society, mind, and brain* (pp. 163-173). Oxford University Press: New York, NY. doi:10.1093/acprof:oso/9780195391381.003.0009

50. Shipstead, Z. M., **Redick, T. S.**, & Engle, R. W. (2010). Does working memory training generalize? *Psychologica Belgica*, *50*, 245-276. doi:10.5334/pb-50-3-4-245
51. Unsworth, N., **Redick, T. S.**, Heitz, R. P., Broadway, J. M., & Engle, R. W. (2009). Complex working memory span tasks and higher-order cognition: A latent-variable analysis of the relationship between processing and storage. *Memory*, *17*, 635-654. doi:10.1080/09658210902998047
52. Barch, D. M., Berman, M. G., Engle, R., Jones, J. H., Jonides, J., MacDonald, A., III, Nee, D. E., **Redick, T. S.**, & Sponheim, S. R. (2009). CNTRICS final task selection: Working memory. *Schizophrenia Bulletin*, *35*, 136-152. doi:10.1093/schbul/sbn153
53. ***Redick, T. S.**, Heitz, R. P., & Engle, R. W. (2007). Working memory capacity and inhibition: Cognitive and social consequences. In D. S. Gorfein, & C. M. MacLeod (Eds.), *Inhibition in cognition* (pp. 125-142). Washington, DC: American Psychological Association. doi:10.1037/11587-007
54. ***Redick, T. S.**, & Engle, R. W. (2006). Working memory capacity and Attention Network Test performance. *Applied Cognitive Psychology*, *20*, 713-721. doi:10.1002/acp.1224
55. Heitz, R. P., **Redick, T. S.**, Hambrick, D. Z., Kane, M. J., Conway, A. R. A., & Engle, R. W. (2006). Working memory, executive function, and general fluid intelligence are not the same. *Behavioral and Brain Sciences*, *29*, 134-135. doi:10.1017/S0140525X06319036

SYMPOSIA

- Redick, T. S. (2022, May). Talk given as part of the *Working with Robots: Artificial Intelligence in the Workplace* symposium at the annual meeting of the Association of Psychological Science, Chicago, IL.
- Redick, T. S., & Wiemers², E. A., (2021, March). Talk given as part of the *Society for Experimental Psychology and Cognitive Science (SEPCS) Symposium in Honor of Mentor Award Recipient Randall W. Engle* at the annual meeting of the Southeastern Psychological Association, New Orleans, LA.
- Redick, T. S. (2020, November). *Domain generality and specificity of verbal working memory training*. Talk given as part of the *Verbal Working Memory: Domain General or Domain Specific?* symposium at the annual meeting of the Psychonomic Society, virtual.
- Redick, T. S. (2018, April). *Test-retest reliability of the Immediate Post-concussion Assessment and Cognitive Testing*. Talk given as part of the *Assessing Cognition after Sports-Related Concussion* symposium at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Redick, T. S. (2017, May). *Is working memory training working, and for whom?* Talk given as part of the *Do "brain-training" programs work?* symposium at the annual meeting of the Association of Psychological Science, Boston, MA.
- Redick, T. S. (2016, May). *Action video game training produces near but not far transfer*. Talk given as part of the *Skill Acquisition and Expertise* symposium at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Redick, T. S. (2016, April). *What's working in working memory training?* Talk given as part of the *Taking Stock of Cognitive Training: Theory, Neural Mechanisms and Application* symposium at the annual meeting of the Cognitive Neuroscience Society, New York, NY.

Redick, T. S., & Wiemers, E. A. (2016, March). *What's working in working memory training?* Talk given as part of the *Working Memory* symposium at the annual meeting of the Southern Society for Philosophy and Psychology, Louisville, KY.

INVITED TALKS

Southern Society for Philosophy and Psychology	3/11/23
Southeastern Workers in Memory (senior keynote)	3/19/21
Mid-America Undergraduate Psychology Research Conference (keynote)	4/6/19
DePauw University	11/16/17
Indiana University	3/9/16
University of Illinois Urbana Champaign	1/29/16
Charles River Association of Memory (keynote; held at Harvard University)	12/11/14
Indiana University	11/8/13
University of Notre Dame	10/3/11
Georgia State University	10/5/09

HONORS AND AWARDS

Fellow, Midwestern Psychological Association	
Fellow, Psychonomic Society	
Purdue University Faculty Scholar	2023-2028
College of Health and Human Sciences Research Renewal Award	Spring 2021
College of Health and Human Sciences Wayne and Helen Townsend Writing Excellence Fund	2021
Purdue University Corps of Engagement Award for Families Tackling Tough Times Together program, Steering Committee member	2021
College of Health and Human Sciences, Faculty Engagement Award for Families Tackling Tough Times Together program, Steering Committee member	2021
Purdue University Seed for Success Award for Excellence in Research	2019, 2020
College of Health and Human Sciences PRF International Travel Grant Award	2018-19
College of Health and Human Sciences PRF Summer Faculty Grant Award	Summer 2018
James C. Naylor Award for Teaching Excellence in Psychology	2017
Faculty Development Award, IUPUC	Fall 2012
Release Time for Research Award, IUPUI OVCR	Summer 2012

ASSOCIATE EDITOR

Journal of Experimental Psychology: General	2020-2021
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EDITORIAL BOARD

Journal of Experimental Psychology: Human Perception and Performance	2023-current
Journal of Intelligence	2023-current
Intelligence	2018-2022
Journal of Cognition	2017-2021
Journal of Applied Research in Memory and Cognition	2016-2021

MENTORSHIP**Post-doctoral**

1. Harun Yörük (in progress)

Graduate Students

1. Madelyn McVey (in progress)
2. Alexa Bushinski (in progress; MS 2023)
3. Andy Fordyce (in progress; MS 2023)
4. Elizabeth Wiemers (PhD 2020; MS, 2016)
5. Eddie Christopher (PhD, 2019)

Dissertation Committee Member (External)

1. Jorge Rodas, University College Dublin (Ireland), School of Psychology
2. David Lawrence Hegarty, University of Sydney (Australia), Department of Education
3. Annalise D'Souza, York University (Canada), Department of Psychology
4. Kimberly Wingert, Arizona State University, Department of Psychology

Dissertation Committee Member (Purdue)

1. Hailey Arreola (2025), Psychological Sciences
2. Jessica Dupree (2024), Psychological Sciences
3. Gia Macias (2024), Psychological Sciences
4. Shiva Pooladvand (2024), Civil Engineering
5. Linda Tomko (2024), Psychological Sciences
6. Kyeongsuk Lee (2024), Civil Engineering
7. Corey Nack (2024), Psychological Sciences
8. Moon Sun Kang (2024), Psychological Sciences
9. Amy Nagle (2024), Nursing
10. Nick Baumgartner (2023), Health & Kinesiology
11. Samantha Ingram (2023), Psychological Sciences
12. Subramanian Chidambaram (2022), Mechanical Engineering
13. Garrett O'Day (2022), Psychological Sciences
14. Amedee Martella (2022), Psychological Sciences
15. Ana Villanueva (2022), Mechanical Engineering
16. Keisha Novak (2021), Psychological Sciences
17. Michelle Coverdale (2020), Psychological Sciences
18. Isis Chong (2020), Psychological Sciences
19. Alison Haney (2019), Psychological Sciences
20. Melissa Keith (2019), Psychological Sciences
21. Courtney Griffin-Oliver (2018), Psychological Sciences
22. Sarah Griffin (2017), Psychological Sciences
23. Joel Sprunger (2017), Psychological Sciences
24. Melissa Swisher (2016), Psychological Sciences
25. Janell Blunt (2015), Psychological Sciences
26. Phil Grimaldi (2014), Psychological Sciences

Preliminary Exam Committee Member (Purdue)

1. Hailey Arreola (2024), Psychological Sciences
2. Jingyu Shi (2024), Electrical and Computer Engineering
3. Jessica Dupree (2024), Psychological Sciences
4. Corey Nack (2022), Psychological Sciences

5. Subramanian Chidambaram (2021), Mechanical Engineering
6. Samantha Ingram (2021), Psychological Sciences
7. Amedee Martella (2021), Psychological Sciences
8. Ana Villanueva (2021), Mechanical Engineering
9. Amy Nagle (2021), Nursing
10. Garrett O'Day (2020), Psychological Sciences
11. Linda Tomko (2019), Psychological Sciences
12. Isis Chong (2019), Psychological Sciences
13. Keisha Novak (2017), Psychological Sciences
14. Courtney Griffin-Oliver (2017), Psychological Sciences
15. Sarah Griffin (2016), Psychological Sciences
16. Pierson Fleischer (2015), Psychological Sciences
17. Joel Sprunger (2014), Psychological Sciences

Masters Thesis Committee Member (Purdue)

1. Hailey Arreola (2023), Psychological Sciences
2. Levi Erickson (2021), Mechanical Engineering
3. Garrett O'Day (2019), Psychological Sciences
4. Andrea Massa (2018), Psychological Sciences
5. Joseph Bedwell (2018), Psychological Sciences
6. Madison O'Meara (2017), Psychological Sciences
7. Courtney Griffin-Oliver (2016), Psychological Sciences
8. Joshua Whiffen (2015), Psychological Sciences

NIH Postbaccalaureate Research Education Program (PREP)

1. Larissa Olivas (2021-22)

Undergraduate Research-Focused Honors Program

1. Mohammad Pehlari (2024-25)
2. Hecun Liu (2023-24)
3. Lauren Schiro (2021-22)
4. Jacob Strachan (2021-22)
5. Trishla Gandhi (2020-21)
6. Laura Long (2017-18)

Undergraduate Independent Senior Research

1. Hunter Walatka (2024-25)
2. Conghao Gao (2023-24)
3. Jennie Swanson (2019-20)
4. Andy Fordyce (2019-20)
5. Katherine Goulden (2018-19)
6. Joan Kim (2014)

Purdue Research Excellence, Access, & Learning (REAL) Scholar Program

1. Hunter Walatka (2024)

Undergraduate Louis Stokes Alliance for Minority Participation Program

1. Xavier Pham (2023)
2. Trishla Gandhi (2020-21)

APA Summer Undergraduate Psychology Experience in Research (SUPER) Fellow

1. Hunter Walatka (2024)

Undergraduate Summer Research Opportunity Program

1. Jenny Walker (University of Central Florida, 2014; subsequently graduate student at Georgia Tech)
2. Shea Duarte (California State Polytechnic University, Pomona, 2018; subsequently graduate student at University of California Davis)

Visiting Undergraduate Research Assistants from Other Universities

1. Katelyn Haase, Indiana State University, fall 2018
2. Mayesha Awal, Georgetown University, summer 2018
3. Melissa Kerfoot, Franklin College, summer 2015

SERVICE**Field**

Fellows Selection committee member, Psychonomic Society	2024-current
Midwestern Psychological Association graduate student Diversity Travel award selection committee member	2023; 2022
Council member, Midwestern Psychological Association	2020-2023
Program committee member, Midwestern Psychological Association annual meeting	2019-2021

Purdue – Other

NSF Directorate for Technology, Innovation, and Partnerships roadmap committee	2023
Research Advisory Committee, Health and Human Sciences	2020-2021
Military Programs committee, Purdue University	2015-2021
Families Tackling Tough Times Together Steering committee, HHS	2020

Purdue – Department of Psychological Sciences Faculty Searches

Committee member, Department head search	2023-current
Committee member, Cognitive neuroscience faculty search	2022-2023
Committee member, Computational cognitive faculty search	2021-2022
Chair & committee member, Cognitive faculty search	2020-2021
Committee member, Department head search	2019-2020
Committee member, Department head search	2016-2017
Committee member, Autism cluster faculty search	2014-2015

Purdue – Department of Psychological Sciences

Undergraduate committee	2023-current; spring 2020; 2017-2019
Department Head Advisory committee	2023-current; 2017-2020
Director, Research-Focused Honors Program	2024-2025; 2023-2024; 2021-2022; 2017-2018

Diversity, Equity, and Inclusion committee	2020-2023
Graduate committee	spring 2021
Communications committee	2017-2023
Faculty advisor, Purdue Undergraduates in Psychological Research club	2017-2023
Cognitive area colloquium coordinator	spring 2020
Research-Focused Honors Program evaluation committee	2018
Human subjects advisory committee	2015-2017
Graduate Teaching Assistant Orientation workshop speaker	2015, 2016
PSY 120 Hybrid lecture contributor	2015

IUPUC

Committee member, Mental health counseling faculty search	2013
Committee member, Psychology faculty search	2013
Committee member, Science advisor search	2012
Faculty Senate	2012-2013
Ivy Tech advisory board	2012-2013
Faculty co-advisor, Psych Club	2011-2013

PROFESSIONAL PRESENTATIONS (¹indicates undergrad student; ²indicates grad student)

Fordyce², A. L., & **Redick, T. S.** (2024, November). *The effect of retrieval practice on list discrimination performance*. Poster given at the annual meeting of the Psychonomic Society, New York, NY.

Bushinski², A. K., & **Redick, T. S.** (2024, November). *An experimental manipulation of working memory load during spatial navigation*. Poster given at the annual meeting of the Psychonomic Society, New York, NY.

Walatka¹, A., & **Redick, T. S.** (2024, November). *The effect of different frequency binaural beats on working memory*. Poster given at the Purdue Fall Undergraduate Research Exposition, West Lafayette, IN.

Pehlari¹, M. H. Z., & **Redick, T. S.** (2024, November). *Dissociating the influence of music and video game experience on visual attention*. Poster given at the Purdue Fall Undergraduate Research Exposition, West Lafayette, IN.

Fordyce², A. L., & **Redick, T. S.** (2024, October). *The effect of retrieval practice on list discrimination performance*. Poster given at the annual Purdue HHS Research Day, West Lafayette, IN.

Bushinski², A. K., & **Redick, T. S.** (2024, October). *An experimental manipulation of working memory load during spatial navigation*. Poster given at the annual Purdue HHS Research Day, West Lafayette, IN.

Bushinski², A. K., & **Redick, T. S.** (2024, July). *Remembering the way: Working memory influences spatial navigation*. Poster and talk given at the 5th Annual NDSEG Conference, New Orleans, LA.

Liu¹, H., Zhong, Q., Proctor, R. W., & **Redick, T. S.** (2024, April). *Effect of Artificial Intelligence (AI) Benevolence on Human's Trust and Use of an AI Assistant in a Video Game*. Poster given at the 22nd Psychology Undergraduate Research Conference, West Lafayette, IN.

Gao¹, C., & **Redick, T. S.** (2024, April). *The Relationship between Working Memory and AX-CPT: A Review and a Proposed New Study*. Poster given at the 22nd Psychology Undergraduate Research Conference, West Lafayette, IN.

Liu¹, H., Zhong, Q., Proctor, R. W., & **Redick, T. S.** (2024, April). *Effect of Artificial Intelligence (AI) Benevolence on Human's Trust and Use of an AI Assistant in a Video Game*. Poster given at the Purdue Undergraduate Research Conference, West Lafayette, IN.

Bushinski², A. K., & **Redick, T. S.** (2023, November). *Individual Differences in Spatial Navigation and Working Memory*. Poster given at the annual meeting of the Psychonomic Society, San Francisco, CA.

Fordyce², A. L., & **Redick, T. S.** (2023, November). *Examining the Effect of Retrieval Practice on Memory for Temporal-Contextual Information*. Poster given at the annual meeting of the Psychonomic Society, San Francisco, CA.

Pham¹, X. H., Bushinski², A. K., & **Redick, T. S.** (2023, July). *Spatial Navigation & Working Memory*. Poster given at the annual meeting of the Louis Stokes Alliance for Minority Participation-Indiana program, West Lafayette, IN.

Fordyce², A. L., Schiro¹, L., & **Redick, T. S.** (2022, November). *An analysis of working memory errors in individuals with attention-deficit hyperactivity disorder*. Poster given at the annual meeting of the Psychonomic Society.

Strachan¹, J. K., Bushinski², A. K., & **Redick, T. S.** (2022, November). *Cognitive consequences of nature and urban stimuli: An intervention study controlling for practice effects*. Poster given at the annual meeting of the Psychonomic Society.

Bushinski², A. K., & **Redick, T. S.** (2022, April). *Spatial Memory Span Tasks: An Examination of List-Length Effects*. Talk given at the annual meeting of the Midwestern Psychological Association.

Fordyce², A., & **Redick, T. S.** (2022, April). *Individual Differences in Working Memory and Retrieval Practice Benefits*. Talk given at the annual meeting of the Midwestern Psychological Association.

Olivas, L., & **Redick, T. S.** (2022, April). *Pre-registered Replication of Smartphone Presence Effects on Cognition*. Poster given at the annual meeting of the Midwestern Psychological Association.

Schiro¹, L., & **Redick, T. S.** (2022, April). *An analysis of working memory errors in individuals with attention-deficit hyperactivity disorder*. Poster given at the 20th Psychology Undergraduate Research Conference, West Lafayette, IN.

Strachan¹, J. K., & **Redick, T. S.** (2022, April). *Cognitive consequences on exposure to natural stimuli*. Poster given at the 20th Psychology Undergraduate Research Conference, West Lafayette, IN.

Fordyce², A., **Redick, T. S.**, & Karpicke, J. D. (2021, November). *Individual differences in working memory ability and the benefit of retrieval practice*. Poster given at the annual meeting of the

Psychonomic Society (virtual).

Bushinski², A. K., **Redick, T. S.** (2021, November). *Spatial memory span task: An examination of list-length effects*. Poster given at the annual meeting of the Psychonomic Society (virtual).

Olivas, L., & **Redick, T. S.** (2021, November). *Cognitive consequences of smartphone presence and separation*. Poster given at the Annual Biomedical Research Conference for Minority Students (virtual).

Wiemers², E. A., & **Redick, T. S.** (2021, April). *Trial level flexibility in use of cognitive control*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL. †Rescheduled from 2020 due to COVID-19

Fordyce², A., & **Redick, T. S.** (2021, April). *The role of modality and study-test interval in false recognition*. Poster given at the annual meeting of the Midwestern Psychological Association, virtual.

Gandhi¹, T., & **Redick, T. S.** (2021, April). *Cognitive consequences of smartphone presence and separation*. Poster given at the annual meeting of the Psi Chi section of the Midwestern Psychological Association, virtual.

Gandhi¹, T., & **Redick, T. S.** (2021, April). *Cognitive consequences of smartphone presence and separation*. Poster given at the 19th Psychology Undergraduate Research Conference, West Lafayette, IN (virtual).

Egler¹, A., & **Redick, T. S.** (2021, April). *No Relationship between Working Memory & Dopamine Function as Measured by Spontaneous Eyeblink Rate in Healthy Young Adults*. Poster given at the 19th Psychology Undergraduate Research Conference, West Lafayette, IN (virtual).

Gandhi¹, T., & **Redick, T. S.** (2021, April). *Cognitive consequences of smartphone presence and separation*. Talk given at the Purdue Undergraduate Research Conference, West Lafayette, IN (virtual).

Egler¹, A., & **Redick, T. S.** (2021, April). *No Relationship between Working Memory & Dopamine Function as Measured by Spontaneous Eyeblink Rate in Healthy Young Adults*. Poster given at the Purdue Undergraduate Research Conference, West Lafayette, IN (virtual).

von Bastian et al... (2020, November). *Advancing the understanding of individual differences in attentional control: Theoretical, methodological, and analytical considerations*. Talk given at the annual meeting of the Psychonomic Society, virtual.

Swanson¹, J. & **Redick, T. S.** (2020, April). *Concussion training, management, and assessment practices at Midwestern universities*. Poster given at the 18th Psychology Undergraduate Research Conference, West Lafayette, IN (virtual).

Wiemers², E. A., & **Redick, T. S.** (2019, November). *Action video game training produces near transfer only*. Poster given at the annual meeting of the Psychonomic Society, Montréal, QC.

Wingert, K. M., **Redick, T. S.**, & Brewer, G. A. (2019, November). *A mechanistic account of the relation between working memory capacity and fluid intelligence*. Poster given at the annual meeting of the Psychonomic Society, Montréal, QC.

- Wiemers², E. A., & **Redick, T. S.** (2019, April). *The relationship between working memory and enumeration with distraction*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Christopher², E. A., & **Redick, T. S.** (2019, April). *Measuring active monitoring and preparation with pupillometry*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Goulden¹, K., & **Redick, T. S.** (2019, April). *Working memory and reasoning: Analyses of errors and strategies in number series performance*. Poster given at the 17th Psychology Undergraduate Research Conference, West Lafayette, IN.
- Goulden¹, K., & **Redick, T. S.** (2019, April). *Working memory and reasoning: Analyses of errors and strategies in number series performance*. Poster given at the Purdue Undergraduate Research Conference, West Lafayette, IN.
- Wiemers², E. A., & **Redick, T. S.** (2018, November). *The influence of thought probes on performance: Does the mind wander more if you ask it?* Poster given at the annual meeting of the Psychonomic Society, New Orleans, LA.
- Christopher², E. A., & **Redick, T. S.** (2018, November). *Are saccadic tasks compatible with a manual response mode?* Poster given at the annual meeting of the Psychonomic Society, New Orleans, LA.
- Goulden¹, K., & **Redick, T. S.** (2018, November). *Working memory and reasoning: A meta-analysis and investigation of the relationship between complex span tasks and number series*. Poster given at the Purdue Fall Undergraduate Research Exposition, West Lafayette, IN.
- Redick, T. S.**, Wiemers², E. A., & Morrison, A. B. (2018, July). *The relationship between baseline cognitive ability and working memory training improvement*. Talk given at the annual meeting of the International Society for Intelligence Research, Edinburgh, UK.
- Long¹, L. F., Su, R., & **Redick, T. S.** (2018, April). *"Tokens" in teams? Predictors of temporal changes in the perception of women in engineering*. Poster given at the 16th Psychology Undergraduate Research Conference, West Lafayette, IN.
- Wiemers², E. A., & **Redick, T. S.** (2018, April). *Individual differences in cognitive ability affect training improvements*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Redick, T. S.**, Brewer, G. A., & Unsworth, N. (2017, November). *Working memory capacity and reading comprehension: A test of the multifaceted theory*. Talk given at the annual meeting of the Psychonomic Society, Vancouver, BC.
- Zou, Y., Mao, X., Jang, I., Vike, N., Svaldi, D., **Redick, T.**, Leverenz, L., Nauman, E., Talavage, T., & Rispoli, J. (2017, October). *Short and long-term white matter microstructural differences in adolescent female soccer athletes*. Poster given at the annual meeting of the Biomedical Engineering Society, Phoenix, AZ.

- Zou, Y., Jang, I., Vike, N., Poole, V., Shenk, T., Svaldi, D., **Redick, T.**, Leverenz, L., Nauman, E., Talavage, T., & Rispoli, J. (2017, October). *Abnormal white matter microstructure and cognitions in adolescent athletes with concussion history*. Poster given at the annual meeting of the Biomedical Engineering Society, Phoenix, AZ.
- Zou, Y., Jang, I., Vike, N. L., **Redick, T. S.**, Leverenz, L. J., Nauman, E. A., Talavage, T. M., & Rispoli, J. V. (2017, June). *White matter microstructure in previously concussed adolescent athletes: Implications on cognition*. Poster given at the annual meeting of the Organization for Human Brain Mapping, Vancouver, BC.
- Fansher¹, M., **Redick, T. S.**, & Helie, S. (2017, June). *Categorization system switching: The role of individual differences in executive function*. Poster given at the 6th Midwestern Cognitive Science Conference, Oxford, OH.
- Gunn, R. L., Gerst, K. R., **Redick, T. S.**, & Finn, P. R. (2017, June). *Predictors of effective working memory training in those with alcohol use disorders: A preliminary analysis*. Poster given at the annual meeting of the Research Society on Alcoholism, Denver, CO.
- Gerst, K. R., Gunn, R. L., **Redick, T. S.**, & Finn, P. R. (2017, June). *Far transfer effects of working memory training in those with alcohol use disorders: A preliminary analysis*. Poster given at the annual meeting of the Research Society on Alcoholism, Denver, CO.
- Zou, Y., Mao, X., Jang, I., Vike, N. L., **Redick, T. S.**, Talavage, T. M., & Rispoli, J. V. (2017, April). *White matter microstructure in adolescent female soccer athletes: Diffusion MRI relations with years of high-school experience, concussion history, and cognitive measurements*. Poster given at the annual meeting of the International Society for Magnetic Resonance in Medicine, Honolulu, HI.
- Gletsu-Miller, N., Mischler, R. A., Armah, S. M., **Redick, T. S.**, Rosen, A. D., & Choi, J. N. (2017, April). *Improvement in fatigue, quality of life and cognitive function following oral iron supplementation for treatment of iron deficiency in patients who have had bariatric surgery*. Poster given at the annual meeting of the American Society for Nutrition, Experimental Biology, Chicago, IL.
- Christopher², E. A., & **Redick, T. S.** (2016, November). *Individual differences in working memory predict pro-saccade performance*. Poster given at the annual meeting of the Psychonomic Society, Boston, MA.
- Wiemers², E. A., & **Redick, T. S.** (2016, November). *Stimulus and decision type influence go/no-go performance*. Poster given at the annual meeting of the Psychonomic Society, Boston, MA.
- Gunn, R. L., Gerst, K. R., **Redick, T. S.**, & Finn, P. R. (2016, June). *Examining the efficacy of working memory training in those with alcohol use disorders*. Poster given at the annual meeting of the Research Society on Alcoholism, New Orleans, LA.
- Wiemers², E. A., & **Redick, T. S.** (2016, May). *Working memory capacity relationships with perceptual and semantic go/no-go tasks*. Poster given at the annual meeting of the Association for Psychological Science, Chicago, IL.

Redick, T. S. (2015, November). *Mind the gap: Individual differences in verbal and nonverbal working memory as measured by complex span and n-back tasks*. Talk given at the annual meeting of the Psychonomic Society, Chicago, IL.

Wiemers², E. A., & **Redick, T. S.** (2015, November). *Working memory capacity and dynamic cognitive control*. Poster given at the annual meeting of the Psychonomic Society, Chicago, IL.

Redick, T. S., & Wiemers², E. A. (2015, May). *The role of proactive interference in working memory training and transfer*. Poster given at the annual meeting of the Association for Psychological Science, New York, NY.

Redick, T. S. (2015, May). *The role of proactive interference in working memory training*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Wiemers², E. A., & **Redick, T. S.** (2015, April). *Working memory capacity and practice-related proactive shift in cognitive control*. Poster given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Walker, J. A., & **Redick, T. S.** (2015, April). *Individual differences in working memory capacity and reading comprehension of electronic texts*. Poster presented at the 8th annual Student Conference on Human Factors and Applied Psychology, Daytona Beach, FL.

Redick, T. S., Melby-Lervåg, M., Hulme, C., & Grovack, A. (2014, November). *Does working memory training improve intelligence? A meta-analytic update*. Talk given at the annual meeting of the Psychonomic Society, Long Beach, CA.

Harrison, T. L., Shipstead, Z., Hicks, K. L., Foster, J. L., Trani, A. N., Sloan, P. M., **Redick, T. S.**, Bunting, M. F., & Engle, R. W. (2014, November). *The relationship between prospective memory and cognitive abilities*. Poster given at the annual meeting of the Psychonomic Society, Long Beach, CA.

Redick, T. S., McAbee, S. T., Oswald, F. L., & Hambrick, D. Z. (2014, November). *Validation of a short domain-general measure of working memory capacity*. Poster given at the annual meeting of the Society for Computers in Psychology, Long Beach, CA.

Oswald, F. O., McAbee, S. T., **Redick, T. S.**, & Hambrick, D. Z. (2013, November). *The development of a short domain-general measure of working memory capacity*. Poster given at the annual meeting of the Psychonomic Society, Toronto, ON.

Redick, T. S., & Lindsey, D. R. B. (2013, August). *A comparison of complex span and n-back measures of working memory*. Talk given at the annual meeting of the American Psychological Association, Honolulu, HI.

Redick, T. S., & Lindsey, D. R. B. (2013, May). *Complex span and n-back measures of working memory: A meta-analysis*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

Richmond, L., **Redick, T. S.**, & Braver, T. (2012, November). *Working memory capacity influences strategic choice on a cognitive control task*. Poster given at the annual meeting of the Psychonomic Society, Minneapolis, MN.

- Harrison, T. L., Shipstead, Z., Hicks, K. L., **Redick, T. S.**, Hambrick, D. Z., & Engle, R. W. (2012, November). *Does working memory training improve working memory capacity?* Talk given at the annual meeting of the Psychonomic Society, Minneapolis, MN.
- Redick, T. S.** (2012, May). *Comparison of working memory predictors of multitasking.* Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Redick, T. S.**, Shipstead, Z., Harrison, T. L., Hicks, K. L., Fried, D. E., Hambrick, D. Z., Kane, M. J., & Engle, R. W. (2011, November). *Generalization of working memory training to complex cognition?* Talk given at the annual meeting of the Psychonomic Society, Seattle, WA.
- Redick, T. S.**, Ahrens, A. N., Schwarb, H., Dulas, M. R., Schumacher, E. H., & Engle, R. W. (2011, April). *Functional MRI investigation of variation in working memory capacity: Looking forward or looking backward?* Poster given at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Redick, T. S.** (2011, February). *Does executive attention mediate the relationship between working memory capacity and fluid intelligence?* Talk given at the annual meeting of the North Carolina Cognition Group, Greensboro, NC.
- Redick, T. S.**, Hambrick, D. Z., Kane, M. J., Unsworth, N., & Engle, R. W. (2010, December). *The role of executive attention in the link between working memory capacity and fluid intelligence.* Talk given at the annual meeting of the International Society for Intelligence Research, Washington, DC.
- Redick, T. S.**, Hambrick, D. Z., Kane, M. J., Unsworth, N., Shipstead, Z. M., & Engle, R. W. (2010, November). *WMC: Weighing up Multitasking and Cognition.* Talk given at the annual meeting of the Psychonomic Society, St. Louis, MO.
- Redick, T. S.**, & Engle, R. W. (2010, February). *Look forward, not backward: Working memory capacity and the distinction between proactive and reactive control.* Talk given at the annual meeting of the North Carolina Cognition Group, Winston-Salem, NC.
- Redick, T. S.**, & Engle, R. W. (2009, November). *Individual differences in working memory capacity and the distinction between proactive and reactive control.* Poster given at the annual meeting of the Psychonomic Society, Boston, MA.
- Redick, T. S.**, & Engle, R. W. (2009, March). *Updating and maintenance in working memory: Selective effects upon relationships with fluid intelligence.* Talk given at the annual meeting of the North Carolina Cognition Group, Durham, NC.
- Prebianca, G. V., Mota, M. B., & **Redick, T. S.** (2009, March). *Bilingual lexical access: Individual differences in working memory capacity and level of proficiency.* Poster given at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Redick, T. S.** (2008, December). *Individual and age differences in working memory capacity, processing speed, and intelligence: Insight from eye-movement and psychometric analyses.* Talk given at the annual meeting of the International Society for Intelligence Research, Decatur, GA.

- Redick, T. S.,** Calvo, A., & Engle, R. W. (2008, November). *Working memory capacity, updating, and maintenance: Selective effects of interference upon relationships with fluid intelligence*. Poster given at the annual meeting of the Psychonomic Society, Chicago, IL.
- Engle, R. W., **Redick, T.,** Heitz, R., Smith, A., & Kelly, A. (2007, July). *Working memory capacity and speed of processing*. Talk given at the joint meeting of the Experimental Psychological Society and Psychonomic Society, Edinburgh, Scotland.
- Redick, T. S.,** Heitz, R. P., Aguilera Martinez, A., & Engle, R. W. (2006, November). *Working memory, processing speed, and fluid intelligence: An eye-movement analysis*. Poster given at the annual meeting of the Psychonomic Society, Houston, TX.
- Redick, T. S.,** Heitz, R. P., Aguilera Martinez, A., & Engle, R. W. (2006, May). *Working memory, processing speed, and intelligence: An eye movement analysis*. Talk given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Redick, T. S.,** & Engle, R. W. (2006, March). *Working memory capacity and context-processing views of cognitive control*. Poster given at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.
- Redick, T.,** & Engle, R. W. (2005, November). *Context maintenance and working memory capacity*. Poster given at the annual meeting of the Psychonomic Society, Toronto, ON.
- Hairston, W. D., Laurienti, P. J., Burdette, J. H., Brown, C. L., **Redick, T. S.,** Mishra, G., & Wallace, M. T. (2003, November). *Multisensory localization performance under conditions of degraded visual acuity*. Poster given at the annual meeting of Society for Neuroscience, New Orleans, LA.