

Curriculum Vitae
MEGAN A. SUMERACKI

Formerly Megan A. Smith

Rhode Island College
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Providence, RI 02908

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FULL-TIME ACADEMIC POSITIONS

2020 – Present Associate Professor of Psychology, Rhode Island College
2015 – 2020 Assistant Professor of Psychology, Rhode Island College
2014 – 2015 Assistant Professor of Psychology (tenure track), Utah State University, Eastern

EDUCATION

Ph.D. (2014)

Purdue University, West Lafayette, IN, Cognitive Psychology, Advisor: Dr. Jeffrey Karpicke

M.A. (2011)

Washington University in St. Louis, MO, Experimental Psychology, Advisor: Dr. Henry Roediger, III

B.A. (2009)

Purdue University, West Lafayette, IN, Psychological Sciences, graduated with distinction, honors in Psychological Sciences, and honors in the College of Liberal Arts

COURSES TAUGHT

Undergraduate Courses

- First Year Seminar, Topic: Effective Learning Strategies
- Introduction to Psychology
- Careers and Psychology
- Introduction to Research Methods in Psychology
- Perception
- Learning
- Cognitive Psychology
- Research Methods III: Cognitive/Brain Science Lab

Graduate Courses

- Cognition
- Professional Development Seminar
- Psychological Perspectives on Learning

GRANTS & FELLOWSHIPS

External Funding

2017-2018 Overdeck Family Foundation. Teaching Strategies from the Science of Learning. Funded for \$55,000. **MA Sumeracki, PI**; Y Weinstein, Co-I.

- 2017-2018 Wellcome Trust. Supporting Teachers with the Science of Learning. Funded for £11,193 (\$14,271). Y Weinstein, PI; **MA Sumeracki, Co-I.**
- 2016-2017 IDEA. Fundable Project Grant for Teaching the Science of Learning Around the World. Funded for (\$1,142. Y Weinstein, PI; **MA Sumeracki, Co-I.**
- 2016-2017 IDEA. Impact Grant, Teaching the Science of Learning. Funded for \$9,644. Y Weinstein, PI; **MA Sumeracki, Co-I.**
- 2016-2017 Association for Psychological Science. Fund for Teaching and Public Understanding of Psychological Science. Funded for \$3,280. Y Weinstein, PI; **MA Sumeracki, Co-I.**

Internal Funding

- 2017-2018 Rhode Island College Faculty Research Grant (\$4,000)
- 2017-2018 Rhode Island College Center for Research and Creative Activity (CRCA) Integration Grant (\$1,923.89)
- 2013-2014 Department Award for Graduate Research Innovation, Purdue University (\$1,200)

Fellowships

- 2008 National Science Foundation (NSF), Research Experience for Undergraduates (REU) in Behavioral and Cognitive Science at University of Minnesota (\$4,000)
- 2007 National Science Foundation (NSF), Research Experience for Undergraduates (REU) at Oklahoma State University (\$3,200)

HONORS & AWARDS

- 2022 Institute of Food Technologists Tanner Award for Most Downloaded Paper published in 2019; Awarded for Sumeracki et al. (2019). Encouraging knowledge transfer in food science and nutrition education: Suggestions from cognitive research. *Journal of Food Science Education*. 2,640 full-text downloads in 3 years.
- 2019 Taylor & Francis Award for Outstanding Book (2018) in Health and Social Sciences overall, and in the Behavioral Sciences & Education category; Awarded for Weinstein & Sumeracki (2019). *Understanding how we learn: A visual guide* (O. Caviglioli, Illus.). David Fulton, Routledge.
- 2014 APAGS Teaching Excellence in Psychological Science Award
- 2011 Honorable Mention, National Science Foundation (NSF) Graduate Fellowship
- 2010 Honorable Mention, National Science Foundation (NSF) Graduate Fellowship
- 2009 College of Liberal Arts Outstanding Senior in Psychological Sciences Award
- 2009 John M. Hadley Outstanding Psychology Undergraduate Award

PEER-REVIEWED BOOKS

- Weinstein, Y., & **Sumeracki, M. A.**, (2019). *Understanding how we learn: A visual guide* (O. Caviglioli, Illus.). David Fulton, Routledge. <https://doi.org/10.4324/9780203710463>

PEER-REVIEWED JOURNAL PUBLICATIONS

* denotes undergraduate or graduate student mentee

- Sumeracki, M. A.** & *Castillo, J. (2022). Overt and covert retrieval in the classroom. *Translational Issues in Psychological Science*, 8(2), 282-293. <https://doi.org/10.1037/tps0000332>
- Van Hoof, T. J., **Sumeracki, M. A.**, & Madan, C. R. (in press). Science of learning strategy series: Article 3, interleaving. *The Journal of Continuing Education in the Health Professions*.
- Van Hoof, T. J., Madan, C. R., & **Sumeracki, M. A.** (2021). Science of learning strategy series: Article 2, retrieval practice. *The Journal of Continuing Education in the Health Professions*, 41(2), 119-123.

- Van Hoof, T. J., **Sumeracki, M. A.**, & Madan, C. R. (2021). Science of learning strategy series: Article 1, distributed practice. *The Journal of Continuing Education in the Health Professions*, 41(1), 59-62.
- Kaminske, A. N., Kuepper-Tetzl, C. E., Nebel, C. L., **Sumeracki, M. A.**, & Ryan, S. P. (2020). Transfer: A review for biology and the life sciences. *CBE—Life Sciences Education*, 19(3), 1-11.
- Hobbiss, M. H., Massonnié, J., Tokuhama-Espinosa, T., Gittner, A., School Alliance, de Sousa Lemos, M. A., Tovazzi, A., Hindley, C., Baker, S., **Sumeracki, M. A.**, Wassenaar, T., & Gous, I. (2019). 'UNIFIED': Bridging the researcher-practitioner divide in mind, brain, and education. *Mind, Brain, and Education*, 13, 298-312.
- Sumeracki, M. A.**, Weinstein-Jones, Y., Nebel, C. L., & Schmidt, S. J. (2019). Encouraging knowledge transfer in food science and nutrition education: Suggestions from cognitive research. *Food Science and Nutrition Education*, 18, 59-66.
- Sumeracki, M. A.**, & Weinstein, Y. (2018). Six strategies for effective learning. *Academic Medicine*, 93, p. 666.
- Weinstein, Y., Madan, C., & **Sumeracki, M. A.** (2018). Teaching the science of learning. *Cognitive Research: Principles & Implications*, 3:2, 1-17.
- Weinstein, M. A., & **Sumeracki, M. A.** (2017). Are Twitter and blogs important tools for the modern psychological scientist? *Perspectives on Psychological Science*. 12, 1171-1175.
- Smith, M. A.**, Blunt, J. R., Whiffen, J. W. & Karpicke, J. D. (2016). Does providing prompts during retrieval practice improve learning? *Applied Cognitive Psychology*, 30, 544-553.
- Karpicke, J. D., Blunt, J. R., & **Smith, M. A.** (2016). Retrieval-based learning: Positive effects of retrieval practice in elementary school children. *Frontiers in Psychology*, 7, 350: 1-8.
- Lehman, M., **Smith, M. A.**, & Karpicke, J. D. (2014). Toward an episodic context account of retrieval-based learning: Dissociating retrieval practice and elaboration. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 40, 1787-1794.
- Karpicke, J. D., Blunt, J. R., **Smith, M. A.**, & Karpicke, S. S. (2014). Retrieval-based learning: The need for guided retrieval in elementary children. *Journal of Applied Research in Memory and Cognition*, 3, 198-206.
- Smith, M. A.**, & Karpicke, J. D. (2014). Retrieval practice with short-answer, multiple-choice, and hybrid formats. *Memory*, 22, 784-802.
- Smith, M. A.**, Roediger, H. L., & Karpicke, J. D. (2013). Covert retrieval practice benefits retention as much as overt retrieval practice. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 39, 1712-1725.
- Roediger, H. L., & **Smith, M. A.** (2012). The “pure” learning curve: The learning curve without cumulative testing. *Memory & Cognition*, 40, 989-1002.
- Karpicke, J. D., & **Smith, M. A.** (2012). Separate mnemonic effects of retrieval practice and elaborative encoding. *Journal of Memory and Language*, 67, 17-29.

MANUSCRIPTS UNDER REVIEW & IN PREPARATION

- Kaminske, A. N., Kuepper-Tetzl, C. E., Van Hoof, T. J., Madan, C. R., Nebel, C. L., & **Sumeracki, M. A.** (Under Review). The development of expertise through undergraduate, graduate, and continuing medical education. Manuscript in preparation for *Cognitive Research: Principles & Implications*.

PUBLISHED CHAPTERS & REPORTS

- Sumeracki, M. A.**, Kaminske, A. N., Kuepper-Tetzl, C. E., & Nebel, C. L. (In Press). The Learning Scientists: Promoting communication about the science of learning. In C. E. Overson, C. M. Hakala, L. L.

Kordonowy, & V.A. Benassi (Eds.), *In their own words: What scholars want you to know about why and how to apply the science of learning in your academic setting* (pp. xxx-xxx). Society for the Teaching of Psychology. URL for ebook not yet created.

Nebel, C. L., & **Sumeracki, M. A.** (2022). The science of learning. In K. N. Huggett, K. M. Quesnelle, & W. B. Jeffries (Eds.), *An introduction to medical teaching: The foundations of curriculum design, delivery, and assessment* (3rd ed.). (pp. 1-12). Springer.

†American Psychological Association (2020). *The APA guide to college teaching: Essential tools and techniques based on psychological science*. <https://www.apa.org/ed/precollege/undergrad/ptacc/index>

†This report was published by APA with **M.A. Sumeracki** listed as the lead contributor

Sumeracki, M. A., Madan, C. R., & Weinstein, Y. (2018). Four simple strategies from cognitive psychology for the classroom. In W. Altman, L. Stein, & J. Westfall (Eds.), *E-xcellence in teaching* (Vol. 17, pp. 13-20). <http://teachpsych.org/ebooks/eit2017/index.php>.

Smith, M. A., Doran, J. M., Kraha, A., Parrish, A., Guillory, S., ... VandenBos, G. (2013). *Translational Issues in Psychological Science: Reviewer Training Program* (1st ed.). American Psychological Association for Graduate Students.

Roediger, H. L., Putnam, A. L., & **Smith, M. A.** (2011). Ten benefits of testing and their applications to educational practice. In J. Mestre, & B. Ross (Eds.), *Psychology of learning and motivation: Cognition in education*. (pp. 1-36). Elsevier. <https://doi.org/10.1016/B978-0-12-387691-1.00001-6>

JOURNAL EDITORIALS, COMMENTARIES, & PERSPECTIVES (INVITED)

Sumeracki, M. A. (2019). Dual coding practices today: Megan Sumeracki. In O. Caviglioli (Eds.), *Dual coding with teachers*. (pp. 200-201). John Catt.

Sumeracki, M. A., & Weinstein, Y. (2018). Optimising learning using retrieval practice. *Impact*, 2, 13-16.

Smith, M. A. (2017). Creating effective retrieval practice activities for younger students. In: Assessment as learning: The role of retrieval practice in the classroom. *Impact*, 1, 18-21.

Marsh, E. J., Arnold, K. M., **Smith, M. A.**, & Stromeyer, S. L. (2015). How psychological science can improve our classrooms: Recommendations should bridge the laboratory and the classroom. *Translational Issues in Psychological Science*, 1, 127-129.

MISCELLANEA: INTERVIEWS & OP/ED PIECES

+ denotes equal authorship among all authors and speakers

+**Sumeracki, M. A.**, Basler, D., & Bartel, B. (2022, Feb 7). Understanding and accessing scientific research on learning. *Lab Out Loud Podcast: Science for the Classroom and Beyond*. <https://laboutloud.com/2022/02/episode-260-the-learning-scientists/>

Sumeracki, M. A., & Nunes, L. (2021, November 2). In education, those with prior knowledge often reap the benefits. *Teresa E Alexandre Soares Dos Santos Iniciativa Educação*.

English link: <https://www.iniciativaeducacao.org/en/ed-on/ed-on-articles/in-education-those-with-prior-knowledge-often-reap-the-benefits>

Portuguese link: <https://www.iniciativaeducacao.org/pt/ed-on/ed-on-artigos/os-alunos-que-possuem-conhecimentos-previos-beneficiam-mais-das-estrategias-educativas>

+**Sumeracki, M. A.**, & Smiley, G. (2021, Aug 24). Dr. Megan Sumeracki of The Learning Scientists: Using retrieval-based learning in school curriculum. *Sora Learning Lab Podcast*. <https://www.listennotes.com/podcasts/sora-learning-lab/dr-megan-sumeracki-of-the-nau1p3ivKBY/>

- +**Sumeracki, M. A.**, & Cobb, J. (2021, July 20). Effective learning with learning scientist Megan Sumeracki. *Leading Learning Podcast*. <https://www.leadinglearning.com/episode-273-megan-sumeracki-the-learning-scientists>
- +**Sumeracki, M. A.**, Hartley, T., & Scott, M. (2021, June 15). Coach developer conversations (S3)(Ep6): Megan Sumeracki. *UK Coaching Podcast*. [https://www.ukcoaching.org/resources/topics/podcasts/coach-developer-conversations-\(s3\)-\(ep-6\)-megan](https://www.ukcoaching.org/resources/topics/podcasts/coach-developer-conversations-(s3)-(ep-6)-megan)
- +Sumeracki, M. A., & Mauss, S. (2020, March 24). Teaching + Learning + Strategy, Megan Sumeracki. Here We Are Podcast. <https://www.herewearepodcast.com/episodes/episode-263-teaching-learning-strategy-megan-sumeracki>
- +**Sumeracki, M. A.**, & Hallas, B. (2020, March 9). Designing learning experiences that stick, with Megan Sumeracki. *Rethinking the Human Factor Podcast with Bruce Hallas, Marmalade Box*. <https://www.marmaladebox.com/podcast/designing-learning-experiences-that-stick-with-megan-sumeracki/>
- Sumeracki, M. A.** (2019, December 9). The case for applying cognitive psychology in your classroom. *EdSurge Learning Research Column*. <https://www.edsurge.com/news/2019-12-09-the-case-for-applying-cognitive-psychology-in-your-classroom>
- Sumeracki, M. A.** (2019, July 5). Should students use technology for notetaking? *The Learning Agency Insights Blog*. <https://www.the-learning-agency.com/insights/when-should-our-students-use-technology-for-note-taking/>
- Translated to Portuguese: <https://www.iniciativaeducacao.org/pt/ed-on/ed-on-artigos/como-devem-os-alunos-tirar-apontamentos>
- +**Sumeracki, M. A.**, & DiMarco, C. (2019, February 19). The six strategies of effective learning with learning scientist Dr. Megan Sumeracki. *Medical Mnemonist, Chase DiMarco*. <https://freemeded.org/podcasts/the-six-strategies-of-effective-learning/>
- +**Sumeracki, M. A.**, Weinstein, Y., Kalb, B., & Peters, R. (2018, November 19). Understanding how we learn with the Learning Scientists. *Vrain Waves Podcast, Benjamin Kalb & Rebecca Peters*. <https://itunes.apple.com/us/podcast/vrain-waves-teaching-conversations-minds-shaping-education/id1365316994?mt=2&i=1000424136196>
- +**Sumeracki, M. A.**, Weinstein, Y., & Patton, K. (2018, September 24). Understanding how we learn – A chat with Yana Weinstein and Megan Sumeracki. *The A&P Professor Podcast, Kevin Patton*. <https://theaprofessor.org/podcast-episode-27.html>
- +**Sumeracki, M. A.**, Nebel, C., & Lawler, J. (2018, June 8). Learning to learn. *Smart Drug Smarts Podcast, Jesse Lawler*. <https://smartdrugsmarts.com/episodes/229-learning/>
- Sutter, M. (Summer, 2018). Throw away what you've heard about learning styles, With Megan Sumeracki, PhD. *Eye on Psi Chi*, 22, 32-35.
- Sumeracki, M. A.** (2018, April 24). Teaching effective learning strategies. *AM Rounds: Beyond the Pages of Academic Medicine*. <http://academicmedicineblog.org/teaching-effective-learning-strategies/>
- +**Sumeracki, M. A.**, Weinstein, Y., Dorsey, M., & Wegner, G. (2018, January 8). Research reveals the three best ways to teach, learn, and study. *College Prep Podcast, Megan Dorsey & Gretchen Wegner*. <http://collegepreppodcast.com/2018/01/194-research-reveals-three-best-ways-teach-learn-study/>
- +**Sumeracki, M. A.**, & Pickering, J. (2017, October 15). Dr. Megan Sumeracki (interview). *Anatomy Education Podcast, James Pickering*. <http://anatomypodcast.libsyn.com/website/7-dr-megan-smith>
- +**Smith, M. A.**, Kueper-Tetzel, C., & Sturtevant, J. A. (2017, July 18). The Learning Scientists have a vaccine for test anxiety. *Hacking Engagement Podcast, James A. Sturtevant*. <http://jamesalansturtevant.com/64-the-learning-scientists-have-a-vaccine-for-test-anxiety/>

- Smith, M. A.** (2017, June 20). Broad inquiry women in STEM interview. *Broad Inquiry*.
<https://broadinquiry.org/2017/06/20/megan-a-smith/>
- Weinstein, Y., & **Smith, M. A.** (2017, February 16). 2 research-tested learning strategies. *Edutopia*.
https://www.edutopia.org/article/hurts-so-good-yana-weinstein-megan-smith?utm_campaign=node_author_alert&utm_source=edutopia&utm_medium=email
- Smith, M. A.**, & Weinstein, Y. (2017, January 30). Learn how to study using... Dual coding. *Digital Promise*.
<http://digitalpromise.org/2017/01/30/learn-study-using-dual-coding/>
- ***Smith, M. A.**, Weinstein, Y., & Gonzalez, J. (2016, December 11). 6 powerful learning strategies you MUST share with your students. *Cult of Pedagogy, Jennifer Gonzalez*.
<https://www.cultofpedagogy.com/learning-strategies/>
- Smith, M. A.** (2016, September 30). The benefits of spaced practice in the classroom: Four tips for teachers. *TES*. <https://www.tes.com/news/school-news/breaking-views/benefits-spaced-practice-classroom-fourtips-teachers>
- Smith, M. A.** (2016, August 12). How to deal with plagiarism: Tips for teachers. *TES-USA*.
<https://www.tes.com/us/news/breaking-views/how-deal-plagiarism-tips-teachers>
- Smith, M. A.** (2016, August 28). Why quizzes are the key to unlocking students' learning. *TES-USA*.
<https://www.tes.com/us/news/breaking-views/why-quizzes-are-key-unlocking-students-learning>
- ***Smith, M. A.**, Weinstein, Y., & Wooldridge, C. (2016, June 27). Five reasons why teachers need to take a proper summer vacation. *TES-USA*. <https://www.tes.com/us/news/breaking-views/five-reasons-why-teachers-need-take-a-proper-summer-vacation>
- Smith, M. A.** (2016, May 26). Five reasons to embrace the class quiz, according to cognitive science. *TES*. Retrieved <https://www.tes.com/news/school-news/breaking-views/five-reasons-embrace-class-quiz-according-cognitive-science>
- Smith, M. A.** (2016, April 25). How retrieval practice can help pupils remember and understand. *Optimus Education*. <http://my.optimus-education.com/how-retrieval-practice-can-help-pupils-remember-and-understand>
- Weinstein, Y., & **Smith, M. A.** (2016, February 23). Standardized testing is not the enemy. *Boston Globe*.
<https://www.bostonglobe.com/opinion/2016/02/23/standardized-testing-not-enemy/PyyI1UvMxjoQvgiwEM8cHJ/story.html>
- Smith, M. A.**, & Weinstein, Y. (2016, February 18). The Learning Scientists: Our story. *gradPSYCH Blog: Food for Thought for Psychology Students*. [Blog Post] <http://www.gradpsychblog.org/the-learning-scientists-our-story/> - .WHz6tbYrL65

REGIONAL, NATIONAL, & INTERNATIONAL CONFERENCE PRESENTATIONS

* denotes undergraduate or graduate student mentee

- *Alton, E., *DiPietro, C., **Sumeracki, M. A.**, Sugarman, D., Ly, V., Garanefski, N., & Kraaij, V. (2020, June). *Examining the impact of academic stress and first generation status on academic success* [Poster session]. Annual Meeting of the Eastern Psychological Association, Boston, MA.
- *Castillo, J., **Sumeracki, M. A.**, Weinstein, Y. (2019, March). *Practicing overt and covert retrieval in the classroom with complex materials* [Poster session]. Annual Meeting of the Eastern Psychological Association, New York, NY.
- *DiPietro, C., **Sumeracki, M. A.**, & Dottolo, A. (2019, March). *Leading a double life: The student experience of working while in college* [Poster session]. Annual Meeting of the Eastern Psychological Association, New York, NY.

- *Rosario, W., *DiPietro, C., Nunes, L., & **Sumeracki, M. A.** (2019, March). *When retrieval fails: Examining free and structured recall with Upward Bound students* [Poster session]. Annual Meeting of the Eastern Psychological Association, New York, NY.
- Sumeracki, M. A.**, Weinstein, Y., & Nebel, C. L. (2018, November). *Teaching first year college students evidence-based learning strategies: A controlled classroom experiment* [Conference talk]. Annual Meeting of the Psychonomic Society, New Orleans, LA.
- Lithander, M., Karaca, M., **Sumeracki, M. A.**, & Weinstein, Y. (2018, November). *The effects of religious practice and education on beliefs in neuromyths* [Poster session]. Annual Meeting of the Psychonomic Society, New Orleans, LA.
- *Bazin, A., **Sumeracki, M. A.**, Nunes, L. D., & *Jensen, T. L. (2018, March). *Examining the effectiveness of retrieval practice for students in college readiness programs* [Poster session]. Annual Meeting of the Eastern Psychological Association, Philadelphia, PA.
- *DiPietro, C. H., & **Sumeracki, M. A.** (2018, March). *Academic success, term-time employment, and first-generation student status* [Poster session]. Annual Meeting of the Eastern Psychological Association, Philadelphia, PA.
- Sumeracki, M. A.** (2018, March). *Teaching the science of learning in first-year seminars* [Symposium]. Annual Meeting of the Eastern Psychological Association, Philadelphia, PA.
- Weinstein, Y., Tilton, N., & **Smith, M. A.** (2017, November). *Who's speaking at Psychonomics? A gender analysis of spoken presentations from 2007 to 2016* [Poster session]. Annual Meeting of the Psychonomic Society, Vancouver, British Columbia, Canada.
- *Nizami, S., Weinstein, Y., & **Smith, M. A.** (2017, May). *Teaching students about effective study strategies* [Poster session]. Annual Meeting of the Association for Psychological Science, Boston, MA.
- Smith, M. A.**, & Wooldridge, C. (2016, November). *Teaching the science of learning: A classroom intervention* [Poster session]. Society for Teaching of Psychology's International Twitter Poster Conference (#stp16poster).
- Smith, M. A.**, Nunes, L., & *Jensen, T. L. (2016, May). *Examining the effectiveness of retrieval-based learning in academically disadvantaged populations* [Poster session]. Annual Meeting of the Association for Psychological Science, Chicago, IL.
- Karpicke, J. D., Whiffen, J. W., **Smith, M. A.**, Blunt, J. R., & Karpicke, S. S. (2016, April). *Retrieval-based learning in elementary children: Techniques for scaffolding retrieval practice* [Conference talk]. Annual Meeting of the American Educational Research Association, Washington, D. C.
- Nunes, L., **Smith, M. A.**, & Karpicke, J. D. (2015, May). *Beliefs and practices about learning: An online survey* [Poster session]. Annual Meeting of the Association for Psychological Science, New York, NY.
- Nunes, L., **Smith, M. A.**, & Karpicke, J. D. (2014, November). *Matching learning styles and retrieval activities* [Poster session]. Annual Meeting of the Psychonomic Society, Long Beach, CA.
- Smith, M. A.** (2014, August). *Retrieval-based learning: Teaching students to study effectively* [Conference talk]. Annual Convention of the American Psychological Association, Washington, DC.
- *Poston, L. P., **Smith, M. A.**, & Karpicke, J. D. (2013, November). *Individual differences in locus of control and the effectiveness of structured retrieval activities* [Poster session]. Annual Meeting of the Psychonomic Society, Toronto, ON.
- Karpicke, J. D., Blunt, J. R., **Smith, M. A.**, Nunes, L. D., Grimaldi, P. J., & Karpicke, S. S. (2013, September). *Retrieval-based learning in elementary children: Preliminary findings* [Talk]. Fall 2013 Institute of Education Sciences Principal Investigator Meeting, Washington, D. C.
- Karpicke, J. D., Grimaldi, P. J., Blunt, J. R., **Smith, M. A.**, & Karpicke, S. S. (2013, August). *Retrieval-based learning: Effectiveness of guided retrieval* [Conference talk]. Annual Convention of the American Psychological Association, Honolulu, HI.

- Smith, M. A.**, & Karpicke, J. D. (2013, August). *How students (should) study* [Symposium]. Annual Convention of the American Psychological Association, Honolulu, HI.
- Smith, M. A.**, Blunt, J. R., Karpicke, S. S. & Karpicke, J. D. (2013, August). *Generating cues for retrieval practice improves learning in elementary students* [Poster session]. Annual Convention of the American Psychological Association, Honolulu, HI.
- Karpicke, J. D., Grimaldi, P. J., Blunt, J. R., **Smith, M. A.**, & Karpicke, S. S. (2013, May). *Retrieval-based learning: The need for guided retrieval practice* [Symposium]. Annual Meeting of the Association for Psychological Science, Washington, D.C.
- Smith, M. A.**, Blunt, J. R., Karpicke, S. S., & Karpicke, J. D. (2013, May). *Generating cues for retrieval practice improves learning in elementary students* [Poster session]. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- *Poston, L. P., **Smith, M. A.**, & Karpicke, J. D. (2013, May). *Individual differences in the effectiveness of structured retrieval activities* [Poster session]. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Lehman, M., **Smith, M. A.**, & Karpicke, J. D. (2013, March). *The retrieval practice effect: The unique benefits of retrieval mode* [Conference talk]. Annual Meeting of the Southeastern Psychological Association, Atlanta, GA.
- Lehman, M., **Smith, M. A.**, & Karpicke, J. D. (2012, November). *Dissociative effects of retrieval practice and elaboration on proactive interference* [Poster session]. Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Lehman, M., **Smith, M. A.**, & Karpicke, J. D. (2012, May). *Dissociative effects of retrieval practice and elaboration on proactive interference* [Poster session]. Annual Meeting of the Association for Psychological Science, Chicago, IL.
- Smith, M. A.**, Blunt, J. R., & Karpicke, J. D. (2012, May). *Cuing students' retrieval practice results in greater conceptual understanding* [Poster session]. Annual Meeting of the Association for Psychological Science, Chicago, IL.
- Smith, M. A.**, & Roediger, H. L. (2011, November). *Covert retrieval practice benefits retention as much as overt retrieval practice* [Poster session]. Annual Meeting of the Psychonomic Society, Seattle, WA.
- Smith, M. A.**, & Roediger, H. L. (2011, August). *A testing effect without overt retrieval: The difficulty of selective retrieval in free recall* [Poster session]. Annual Convention of the American Psychological Association, Washington, D.C.
- Smith, M. A.**, & Roediger, H. L. (2010, November). *A testing effect without overt retrieval: The difficulty of selective retrieval in free recall* [Poster session]. Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Roediger, H. L. & **Smith, M. A.** (2010, November). *The "pure" learning curve: Learning without testing* [Conference talk]. Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Nairne, J. S., Pandeirada, J. N. S., **Smith, M. A.**, Grimaldi, P. J., & Bauernschmidt, A. (2010, November). *Adaptive memory: Does survival processing enhance memory for source?* [Conference talk]. Annual Meeting of the Psychonomic Society, St. Louis, MO.
- Smith, M. A.**, & Roediger, H. L. (2010, May). *Pure and standard learning curves* [Poster session]. Annual Meeting of the Association for Psychological Science, Boston, MA.
- Smith, M. A.**, & Karpicke, J. D. (2009, November). *Retrieval practice with short-answer, multiple-choice, and hybrid tests* [Poster session]. Annual Meeting of the Psychonomic Society, Boston, MA.
- Smith, M. A.**, & Karpicke, J. D. (2009, April). *The testing effect with short-answer, multiple-choice, and hybrid formats* [Poster session]. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

- Karpicke, J. D., **Smith, M. A.**, & Grimaldi, P. J. (2009, April). *Learning with flashcards: You're probably doing it wrong* [Poster session]. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Rutledge, J. M., Harrist, A. W., & **Smith, M. A.** (2008, August). *Using hands, using words, and using relationships to solve problems* [Poster session]. Annual Convention of the American Psychological Association, Boston, MA.
- Page, M. C., Howard, W., Ratliff, J. M., Turner, A. D., **Smith, M. A.**, & Glick, G. (2008, May). *Summer research programs: Getting in and making the most of your experience* [Symposium]. Annual Meeting of the Association for Psychological Science, Chicago, IL.
- Smith, M. A.**, & Harrist, A. W. (2008, April). *Academic and social profile of children who solve social problems with relational manipulation* [Poster session]. Biennial Conference on Human Development, Indianapolis, IN.

KEYNOTES, INVITED TALKS, COLLOQUIA, & PROFESSIONAL DEVELOPMENT WORKSHOPS (K-12, University, and Other Instruction Settings)

- Aug 2022 Virtual panelist, American Psychological Association pre-convention special "in conversation" event, Washington, DC.
- July 2022 Workshop (1 hr.) with high school students, Young Voices, Providence, RI.
- June 2022 Two workshops (3.5 hrs. each) with all IT employees, Republic Bank, Louisville, KY.
- May 2022 Keynote, United States Military Academy West Point, Center for Faculty Excellence Dean's Award Ceremony, West Point, NY
- Feb 2022 Virtual workshop (1 hr.) for Year 11 students (10th grade equivalent), Putney High School, London, England
- Feb 2022 Pre-recorded workshop video for secondary students (9th-12th grade equivalent), Putney High School, London, England
- Dec 2021 TEDxRiverOaks recorded talk, *How Retrieval Helps Us Remember*, Woodbridge, VA.
<https://youtu.be/InOP-NWulsE>
- Nov 2021/
Jan 2022/
Mar 2022 Virtual workshop (4.5 hrs. across 3 parts) with primary and secondary school teachers (1st-12th grade equivalent), Enfield Professional Learning, London borough of Enfield, England
- Nov 2021 Virtual workshop (2 hrs.) with primary and secondary school teachers (1st-12th grade equivalent), Advantage Schools Trust, Bedford, England
- Oct 2021 Two workshops (1 hr. each) with medical faculty, Virginia Tech Carilion School of Medicine, Roanoke, VA
- Oct 2021 Pre-recorded workshop videos (8) for primary and secondary school teachers (1st-12th grade equivalent), Advantage Schools Trust, Bedford, England
- Sept 2021 Virtual workshop (1 hr.) with Student Support Services (SSS; a TRIO program) college students, Rhode Island College, Providence, RI
- Aug/Oct 2021 Virtual workshop (3 hrs. across 2 parts) with middle school teachers and administrators, Red Oak Independent School District, Red Oak, TX
- July 2021 Virtual workshop (1.5 hrs.), Science of Teaching and School Leadership Academy, The Center for Transformative Teaching & Learning, St. Andrew's Episcopal School, Potomac, MD
- Apr 2021 Workshop (1 hr.) with higher education faculty, Bridgewater State University, Bridgewater, MA
- Mar 2021 Virtual workshop (1 hr.) with medical faculty, Warren Alpert Medical School of Brown University, Providence, RI
- Feb 2021 Virtual workshop (3 hrs. across 2 parts) with medical, dental, and pharmacy school faculty at Lake Erie College of Osteopathic Medicine, Erie, PA
- Feb 2021 Virtual workshop (1 hr.) with college students, Eastern Connecticut State University, Windham, CT

Jan 2021 Virtual workshop (1 hr.) with foreign affairs training instructors, Foreign Service Institute, U.S. Department of State (Under Secretary for Management), Arlington, VA

Jan 2021 Virtual workshop (1 hr.) with primary, lower secondary, and upper secondary school teachers (1st-12th grade equivalent), Geitonas School, Vari, Attica, Greece

Jan 2021 Virtual workshop (1 hr.) with higher education faculty, Eastern Connecticut State University, Windham, CT

Jan 2021 Pre-recorded workshop videos (3) for high school teachers (6th-12th grade equivalent), high school students, and parents, Brisbane State High School, Brisbane, Queensland, Australia

Nov 2020 Invited plenary talk, Empower Students for Academic Success Webinar, Center for Excellence and Innovation in Teaching and Learning, University of New Hampshire, Durham, NH

Mar 2020 Invited talk, Biology Department, University of Massachusetts Amherst, Amherst, MA

Jan 2020 Workshop (2 hrs.) with high school students (6th-12th grade equivalent), Brisbane State High School, Brisbane, Queensland, Australia

Jan 2020 Workshop (1 hr.) with parents of high school students (6th-12th grade equivalent), Brisbane State High School, Brisbane, Queensland, Australia

Jan 2020 Workshop (6 hrs. across 2 days) with high school teachers (6th-12th grade equivalent), Brisbane State High School, Brisbane, Queensland, Australia

Jan 2020 Keynote, Quinsigamond Community College Technology in the Classroom Conference, Worcester, MA

Nov 2019 Invited talk, Stand Up Science, Comedy Connection, East Providence, RI

Nov 2019 Invited talk, American Psychological Association for Graduate Students (APAGS) on the Road, Boston, MA

Oct 2019 Workshop (1.5 hrs.) with higher education faculty, Seneca College Teaching & Learning Conference, Toronto, Ontario, Canada

Oct 2019 Keynote, Seneca College Teaching & Learning Conference, Toronto, Ontario, Canada

Sept/Oct 2019 Virtual workshop (8 hrs. across 4 parts), with pre-med and medical school faculty at the All American Institute of Medical Sciences (AAIMS), Black River, Jamaica

July, 2019 Workshop (1.5 hrs.) with Preparatory Enrollment (PEP) college students, Rhode Island College, Providence, RI

June 2019 Workshop (30 min) with PEP summer instructors, Rhode Island College, Providence, RI

June 2019 Workshop (2 hrs.) with docents of the Bruce Museum, Greenwich, CT

Jan 2019 Workshop (1.5 hrs.) with secondary school teachers (middle and high school equivalent), Putney High School, London, England

Jan 2019 Workshop (1.5 hrs.) with secondary students (middle and high school equivalent), Putney High School, London, England

Jan 2019 Workshop (2 full days) with teachers of early years (pre-k equivalent) through further education college (community college equivalent), Bedford, England

Jan 2019 Workshop (1 hr.) with secondary school teachers (middle and high school equivalent), Gorleston, Norfolk, England

Jan 2019 Workshop (1 hr.) with secondary students (middle and high school equivalent), Gorleston, Norfolk, England

Jan 2019 Workshop (4 hrs.) with academy trust head teachers, Gorleston, Norfolk, England

Aug 2018 Workshop (2 hrs.) with first-year seminar instructors, Washburn University, Topeka, KS

July 2018 Workshop (full day) with 6th-12th grade teachers, Soulsville Charter School, Memphis, TN

July 2018 Workshop (2 hrs.) K-12 teachers and higher education faculty, McMaster University EdCog Conference, Hamilton, Ontario, Canada

July 2018 Invited talk, EdCog at McMaster University, Hamilton, Ontario, Canada

June 2018 Invited talk presented with Dr. Yana Weinstein, European Association for Research on Learning and Instruction (EARLI), Special Interest Group 22: Neuroscience & Education meeting, London, England

May 2018 Workshop (4 hrs.) with higher education faculty, Community College of Rhode Island, Warwick, RI

Apr 2018 Invited lecture, Union College, Schenectady, NY

Mar 2018 Psi Chi Opening Keynote Address, Eastern Psychological Association Annual Meeting, Philadelphia, PA

Jan/Mar 2018 Two workshops (4 hrs. across 2 parts each) with first year seminar instructors, Rhode Island College, Providence, RI

Jan 2018 Virtual workshop (2 hrs.) with high school teachers, The Village School, Houston, TX

Nov 2017 Pre-conference workshop (3 hrs.) with a wide variety of teachers at Learning & The Brain, Boston, MA

Oct 2017 Invited talk presented with Dr. Yana Weinstein, Umeå University, Umeå, Sweden

Oct 2017 Workshop (2 half days) with upper secondary teachers (high school equivalent), Skellefteå, Sweden

Oct 2017 Invited talk, ResearchED, New York, NY

Oct 2017 Workshop (3 hrs.) with first year seminar instructors, Rhode Island College, Providence, RI

Sept 2017 Invited talk, Rhode Island College Psych Society, Providence, RI

Sept 2017 Virtual science communication workshop (1 hr) with college students, University of North Carolina, Chapel Hill, NC

Aug 2017 Three workshops (2 hrs. each) with higher education faculty, Bossier Parish Community College, Bossier City, LA

July 2017 Workshop (full day) with teachers of early years (pre-k equivalent) through further education college (community college equivalent), Elland, West Yorkshire, England

July 2017 Keynote presented with Dr. Yana Weinstein, ResearchED, Rugby, Warwickshire, England

June 2017 Invited talk presented with Dr. Yana Weinstein, Jersey College for Girls, St. Saviour, Jersey

June 2017 Workshop (1 hr.) with students from year 4 (3rd grade equivalent) through A-levels (high school equivalent), Bury St. Edmunds, Suffolk, England

June 2017 Two workshops (3 hrs. each) with teachers of early years (pre-k equivalent) through A-levels (high school equivalent), Bury St. Edmunds, Suffolk, England

June 2017 Two workshops (1.5 hrs. each) with year 10 students (9th grade equivalent), Uffculme School, Devon, England

June 2017 Keynote presented with Dr. Yana Weinstein, Teachmeet, Uffculme School, Devon, England

June 2017 Plenary workshop (1 hr.) with higher education faculty, Columbus State Community College, Columbus, OH

June 2017 Keynote presented with Dr. Cindy Wooldridge, Columbus State Community College Faculty Idea Exchange, Columbus, OH

Apr 2017 Invited talk, From Neuroscience to the Classroom Symposium, Swedish Collegium for Advanced Study, Uppsala, Sweden

Mar 2017 Invited talk, St. Bonaventure University, Olean, NY

Jan 2017 Workshop (2 hrs.) with teachers of adult learners, Cambridge Community Learning Center, Cambridge, MA

Jan 2017 Virtual workshop (1 hr.) with high school students, Florida Virtual School Full-Time, Orlando, FL

Dec 2016 Virtual workshop (2 hrs.) with first-year seminar instructors, Washburn University, Topeka, KS

Oct 2016 Invited talk presented with Drs. Yana Weinstein and Cindy Wooldridge, ResearchED, Washington, DC

Oct 2016 Invited talk presented with Dr. Yana Weinstein, ResearchED, Washington, DC

Sept 2016 Workshop (2 hrs.) with high school teachers, Dulaney High School, for Baltimore County Public Schools, Baltimore, MD

Apr 2015 Keynote, Southeastern Idaho Psi Chi Psychology Research Conference, Pocatello, ID

Dec 2014 Invited talk, St. Mary's College of Maryland Department of Psychology, St. Mary's City, MD

Mar 2014 Invited talk, University of Montana Department of Curriculum and Instruction, Missoula, MT

Feb 2014 Invited talk, Utah State University Department of Psychology, Broadcast across the state from Utah State University Eastern, Price, UT

Oct 2013 Invited talk, Purdue University Psi Chi Chapter Meeting, West Lafayette, IN

- Apr 2013 Colloquium talk, Purdue University Cognitive and Learning/Memory Colloquium, West Lafayette, IN
- Oct 2012 Invited talk, Purdue University Psi Chi Chapter Meeting, West Lafayette, IN
- Apr 2012 Colloquium talk, Purdue University Cognitive and Learning/Memory Colloquium, West Lafayette, IN
- Nov 2011 Colloquium talk, Purdue University Cognitive and Learning/Memory Colloquium, West Lafayette, IN
- Apr 2011 Colloquium talk, Washington University Brain, Behavior, and Cognition Datablitz, St. Louis, MO
- Sept 2010 Colloquium talk, Washington University Brain, Behavior, and Cognition Datablitz, St. Louis, MO

RESEARCH MENTORSHIP

Master's Theses Chaired at Rhode Island College

- Carissa DiPietro (2018 – 2019) – *“The Impact of Employment on Academic Success: A Function of Student Attributes and Employment Type”*
- Jessica Wright (Spring, 2018) – *“Students’ Perceptions and Reported Use of Effective Learning Strategies”*
- Marc Jacobsen (2015 – 2016) – *“How Student Thinking Style and Self Perception Affect Choice of College Major”*

Rhode Island College Honors Program in Psychology

- Ashley Bazin (2017 – 2018) – *“Examining the Effectiveness of Retrieval-based Learning Strategies in First Generation College Students”*
Funding: Anne & Bob De Stefano Undergraduate Research Award
- Carissa DiPietro (2016 – 2017) – *“Term-time Employment: Effects on the Success Rates of Undergraduate Students”*

Rhode Island College Other Honors

- Angela Reed (2019 – 2020) – *“Sound and Study with Music Majors”*
*Angela is formally working on her Honors Thesis in the Music Department. I am serving as a co-mentor due to Angela’s double-degree path in Music and Psychology, and the topic of her honors thesis.

Rhode Island College McNair Scholars

- Johanny Castillo (2018 – 2019)
Wilka Rosario (2018 – 2019)

Rhode Island College Graduate Research Assistants

- Emily Alton (2019 – 2020)

Rhode Island College Undergraduate Research Assistants

- Alexandra Williams (2019 – 2020)
Savon Williams (2019 – 2020)
Giselle Colon (2018 – 2019)
Elizabeth Greenleaf (2017 – 2018)
Audrianna Vito (2017 – 2018)

Other Institutions

Fall 2014 – Spring 2015, 9 undergraduate students at Utah State University
Spring 2011 – Spring 2013, 2 undergraduate honors students at Purdue University
Fall 2011 – Spring 2014, 10 undergraduate students at Purdue University
Fall 2010 – Spring 2011, 2 Mind and Brain students at Washington University in St. Louis

SCHOLARLY PUBLIC OUTREACH

Co-founder of the Learning Scientists (www.learningscientists.org)

Started in January 2016 by Dr. Megan Sumeracki & Dr. Yana Weinstein (formerly at University of Massachusetts Lowell), the "Learning Scientists" community project aims to communicate with teachers and students about effective learning strategies, and to motivate teachers and students to utilize them. By using these optimal learning strategies, students can be more prepared for tests, and retain information longer. This information can also equip and encourage educators to use evidence-based methods in the classroom. We are achieving these science communication goals by making scientific research available and understandable to the teachers and students who might benefit from the findings. We use a blog, podcast show, social media, and a YouTube channel to communicate with interested parties about the science of learning. The blog includes "how to" guides for learning strategies, summaries of learning science research, edited guest posts from students, educators, and other researchers, and digests on relevant topics.

The team now consists of 4 science of learning experts:

- *Megan Sumeracki, PhD, Rhode Island College, USA*
- *Cynthia Nebel, PhD, Vanderbilt University, USA*
- *Carolina Kuepper-Tetzl, PhD, University of Glasgow, Scotland, UK*
- *Althea Kaminske, PhD, St. Bonaventure University, USA*

Statistics January 2016 – July 2022

Total number of blog posts published: 560
Original blog posts authored or co-authored by Megan Smith/Sumeracki: 64
Total Podcast episodes: 65 episodes
Number of page views: 7.1 million, with 3.4 million unique visitors across over 99 countries
Number of mailing list subscribers: 7,925
Twitter followers: 29.1K
Podcast reviews: 4.9 / 5.0 average, 95 ratings in USA on iTunes

EDITORIAL ACTIVITIES

Editorial Board Membership

2015-present Translational Issues in Psychological Science (TPS)

Associate Editor

2017-present Guest TPS Associate Editor

2014-2015 TPS Issue: How Psychological Science Can Improve Our Classrooms (published June 2015)

Ad-hoc Reviewer, Cognitive, Education, and General Psychology Journals

| *Applied Cognitive Psychology* | *British Journal of Educational Psychology* | *CBE-Life Sciences Education* | *Frontiers in Psychology* | *Instructional Science* | *Journal of Applied Research in Memory and Cognition* |

Journal of Experimental Psychology: Learning, Memory, and Cognition | *Journal of Graduate Medical Education* | *Memory & Cognition* | *Psychology Learning and Teaching* | *Quarterly Journal of Experimental Psychology* | *Scholarship for Teaching and Learning* |

Grant Panel Activities

2017, 2022 Fellowship Review Committee, National Science Foundation Graduate Research Fellowship Applications in Psychology, two cycles
2013 Grant Review Committee, APAGS Scott Mesh Honorary Grant from Research in Psychology
2011-2013 Chair of Grant Review Committee, APAGS Basic Psychological Science Grant
Chair of Grant Review Committee, APAGS/Psi Chi Junior Scientist Fellowship
2009-2011 Grant Review Committee, APAGS Basic Psychological Science Grant

SELECTED LEADERSHIP & SERVICE

Rhode Island College Leadership & Service

2021-present RIC/AFT Grievance Committee
2021-present Response Bias Committee
2021 NECHE Standard 2 Planning & Evaluation Committee
2020-present Psychology Department Advisory Committee (DAC)
2020-present RIC/AFT Evaluation Committee
2020-present Anne and Bob De Stefano Undergraduate Research Fund, application reader
2019-present Psychology Department Honors Committee
2018-2020 Psychology Department Curriculum Committee Member
2015-2020 Psychology Department Outcome Assessment Coordinator for the College

National and International Service & Leadership

AMERICAN PSYCHOLOGICAL ASSOCIATION (APA)

2017-2020 Co-Chair, Working Group, Evidence-based best practices for college teaching, APA Committee on Associate and Baccalaureate Education (CABE), co-chaired with Dr. William S. Altman
2014 Member, Presidential Initiative Task Force, Translating Psychological Science for the Public
2012-2015 Chair, *Translational Issues in Psychological Science* Working Group, APA Journals
2012-2013 Co-Chair, Search Committee, Editor-in-Chief for *Translational Issues in Psychological Science (TPS)*, chaired with Dr. Gary VandenBos

AMERICAN PSYCHOLOGICAL ASSOCIATION FOR GRADUATE STUDENTS (APAGS)

2011-2013 Chair, Science Committee
2009-2011 Member, Science Committee

PSI CHI, INTERNATIONAL HONORS SOCIETY FOR PSYCHOLOGY

2014-2015 Faculty Co-Advisor, Utah State University Chapter
2012-2014 Graduate Advisor, Purdue Chapter
2008-2009 President, Purdue Chapter
2007-2008 Treasurer, Purdue Chapter

Non-profit Work

2021-2022 Board of Directors, Podsie Inc.

Podsie is a nonprofit organization founded by current and former teachers. Their mission is to empower teachers and improve student learning by providing easy and free access to research-backed learning techniques, like spacing, interleaving, and frequent retrieval.

SCHOLARLY CONSULTING (INCLUDING PRO BONO)

- 2021-2022 Expert consultant, A scoping review of research in nursing education focusing on retrieval practice, an evidence-based strategy of the science of learning. Education Research Grant funded by the National League for Nursing. PIs: E. Carol Polifroni & Thomas J. Van Hoof.
- 2018-2019 Research consultant, The science of learning funded by the Overdeck Family Foundation. Project lead: Ulrich Boser, The Learning Agency Lab
- 2018 Education Endowment Foundation (EEF). Guidance Report on Secondary Science Teaching (Memory section).
- 2017 National Council on Teacher Quality (NCTQ) – Great from the Gate Teacher Skills Training lesson plans
- 2016 Train Visual – Cognitive HOW2s

PROFESSIONAL AFFILIATIONS & MEMBERSHIPS

Council on Undergraduate Research
Eastern Psychological Association
International Association for Metacognition
Psi Chi, The National Honors Society for Psychology
Psychonomic Society (Member)
Society for the Teaching of Psychology, APA Division 2