

Curriculum Vitae

Dr. Michael C. Hout

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Education

- Ph.D., Psychology (2013), Arizona State University, Tempe, AZ.
Dissertation: *Target templates: How the precision of mental representations affects attentional guidance and decision-making in visual search.*
- M.A., Psychology (2009), Arizona State University, Tempe, AZ.
Thesis: *Eye-movements in repeated visual search.*
- B.S., Psychology (2005), University of Pittsburgh, Pittsburgh, PA.
Graduated *Cum Laude*, minor in Neuroscience.



Academic Employment

- Assistant Professor, August 2013 – Present:
Department of Psychology, New Mexico State University.
- Visiting Research Associate, July 2012 – August 2012:
Department of Psychology, University of Southampton, England.



Other Professional Positions

Associate Editor: *Attention, Perception, & Psychophysics*, December 2016 – present.

Consulting Editor:

- *The Journal of Experimental Psychology: Human Perception, & Performance*, Fall 2015 – present.
- *The Journal of General Psychology*, Fall 2015 – present.
- *Attention, Perception, & Psychophysics*, Fall 2015 – Winter 2016.

Associate Director: New Mexico State University, College of Arts and Sciences *Discovery Scholars* program. Fall 2016 – present.

Conference Organizer (2013 and 2014): *Object Perception, Attention, and Memory* conference. Web: <http://www.opam.net/>

Notable Scholarship and Teaching Awards

- Donald C. Roush Award for Teaching Excellence. Awarded by the Office of the Provost, New Mexico State University. Amount: \$1,000. (*Fall 2016*).
- Early Career Award for Exceptional Achievements in Creative Scholarly Activity. Awarded by the Sixteenth Annual University Research Council, New Mexico State University. Amount: \$2,000. (*Spring, 2016*).
- Outstanding Achievement Award in Scholarship. Awarded by the College of Arts and Sciences, New Mexico State University. Amount: \$1,500. (*Spring, 2015*).

Funded External Grants

1. MacDonald, J., **Hout, M. C.**, Crueser, C., & Choudhury, M. (2016, 2017). Attention-guided speech enhancement for hearing impaired listeners.
Agency: National Institutes of Health, National Institute on Deafness and Other Communication Disorders.
Role: Collaborator.
Status: Submitted January, 2016; scored July, 2016; funded January, 2017.
Amount: \$856,933.
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Peer-reviewed Journal Articles

-- Supervised graduate student authors are denoted by asterisks (*)

1. **Hout, M. C.**, *Robbins, A., Godwin, H. J., Fitzsimmons, G., & *Scarince, C. (*in press*). Categorical templates are more useful when features are consistent: Evidence from eye-movements during search for societally important vehicles. *Attention, Perception, & Psychophysics*.
2. Ratiu, I., **Hout, M. C.**, Walenchok, S., Azuma, T., & Goldinger, S. D. (2017). Bilingual search advantage: Comparing visual search and eye movements in bilinguals and monolinguals. *Attention, Perception, & Psychophysics* doi: 10.3758/s13414-017-1328-3.
3. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (2016). Implicit object naming in visual search: Evidence from phonological competition. *Attention, Perception, & Psychophysics*, 78, 2633–2654. doi: 10.3758/s13414-016-1184-6.
4. Goldinger, S. D., Papesh, M. H., Barnhart, A. S., Hansen, W. A., & **Hout, M. C.** (2016). The poverty of embodied cognition. *Psychonomic Bulletin & Review*, 23, 959-978. doi: 10.3758/s13423-015-0860-1.
5. **Hout, M. C.**, & Goldinger, S. D. (2016). SpAM is convenient, but also satisfying: Reply to Verheyen et al. (2016). *Journal of Experimental Psychology: General*, 3, 383-387. doi: 10.1037/xge000014.
6. Papesh, M. H., Goldinger, S. D., & **Hout, M. C.** (2016). Eye movements reveal fast, voice-specific priming. *Journal of Experimental Psychology: General*, 3, 314-337. doi: 10.1037/xge0000135.
7. Horst, J. S., & **Hout, M. C.** (2015). The Novel Object and Unusual Name (NOUN) Database: A collection of novel images for use in experimental research. *Behavior Research Methods*, 48, 1393-1409. doi: 10.3758/s13428-015-0647-3.
8. **Hout, M. C.**, Godwin, H. J., Fitzsimmons, G., *Robbins, A., Menneer, T., & Goldinger, S. D. (2015). Using multidimensional scaling to quantify similarity in visual search and beyond. *Attention, Perception, & Psychophysics*, 78, 3-20. doi: 10.3758/s13414-015-1010-6.
9. Godwin, H. J., Walenchok, S., Houpt, J. W., **Hout, M. C.**, & Goldinger, S. D. (2015). Faster than the speed of rejection: Object identification processes during visual search for multiple targets. *Journal of Experimental Psychology: Human Perception & Performance*, 41, 1007-1020. doi: 10.1037/xhp0000036.
10. **Hout, M. C.**, Walenchok, S. C., Goldinger, S. D., & Wolfe, J. M. (2015). Failures of perception in the low-prevalence effect: Evidence from active and passive visual search. *Journal of Experimental Psychology: Human Perception & Performance*, 41, 977-994. doi: 10.1037/xhp0000053.
11. Kardan, O., Demiralp, E., **Hout, M. C.**, Hunter, M., Karimi, H., Hanayik, T., Yourganov, G., Jonides, J., & Berman, M. G. (2015). Is the preference of natural versus man-made scenes driven by top-down or bottom-up processing? *Frontiers in Psychology*, 6, 1-13. doi: 10.3389/fpsyg.2015.00471.
Supplemental material: <http://journal.frontiersin.org/article/10.3389/fpsyg.2015.00471/abstract>
12. **Hout, M. C.**, & Goldinger, S. D. (2015). Target templates: The precision of mental representations affects attentional guidance and decision-making in visual search. *Attention, Perception & Psychophysics*, 77, 128-149. doi: 10.3758/s13414-014-0764-6.
Supplemental material: <http://link.springer.com/article/10.3758%2Fs13414-014-0764-6>
13. Berman, M. G., **Hout, M. C.**, Kardan, O., Hunter, M., Yourganov, G., Henderson, J. M., Hanayik, T., Karimi, H., & Jonides, J. (2014). The perception of naturalness correlates with low-level visual features of environmental scenes. *PLoS ONE*, 9: e114572. doi: 10.1371/journal.pone.0114572.
Supplemental material: dois: 10.1371/journal.pone.0114572.s001 and 10.1371/journal.pone.0114572.s002
14. **Hout, M. C.**, Goldinger, S. D., & Brady, K. J. (2014). MM-MDS: A multidimensional scaling database with similarity ratings for 240 object categories from the Massive Memory picture database. *PLoS ONE*, 9: e112644. doi: 10.1371/journal.pone.0112644.
15. McFrederick, Q. S., Wcislo, W. T., **Hout, M. C.**, & Mueller, U. G. (2014). Host developmental stage, not host sociality, affects bacterial community structure in socially polymorphic bees. *FEMS Microbiology Ecology*, 88, 398-406. doi: 10.1111/1574-6941.12302.
16. Godwin, H., **Hout, M. C.**, & Menneer, T. (2014). Visual similarity is stronger than semantic similarity in guiding visual search for numbers. *Psychonomic Bulletin & Review*, 21, 689-695. doi: 10.3758/s13423-013-0547-4
Supplemental material: <http://link.springer.com/article/10.3758%2Fs13423-013-0547-4>
17. **Hout, M. C.**, Goldinger, S. D., & Ferguson, R. W. (2013). The versatility of SpAM: A fast, efficient spatial method of data collection for multidimensional scaling. *Journal of Experimental Psychology: General*, 142, 256-281. doi: 10.1037/a0028860.
Supplemental material: <http://dx.doi.org/10.1037/a0028860.supp>
18. **Hout, M. C.**, Papesh, M. H., & Goldinger, S. D. (2012). Multidimensional scaling. *Wiley Interdisciplinary Reviews (WIREs): Cognitive Science*, 4, 93-103. doi: 10.1002/wcs.1203.
Supplemental material: available at www.michaelhout.com

19. **Hout, M. C.**, & Goldinger, S. D. (2012). Incidental learning speeds visual search by lowering response thresholds, not by improving efficiency: Evidence from eye movements. *Journal of Experimental Psychology: Human Perception and Performance*, 38, 90-112. doi: 10.1037/a0023894.
20. Papesh, M. H., Goldinger, S. D., & **Hout, M. C.** (2012). Memory strength and specificity revealed by pupillometry. *International Journal of Psychophysiology*, 83, 56-64. doi: 10.1016/j.ijpsycho.2011.10.002.
21. Homa, D., **Hout, M. C.**, Milliken, L., & Milliken, A. M. (2011). Bogus concerns about the false prototype enhancement effect. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 37, 368-377. doi: 10.1037/a0021803.
22. **Hout, M. C.**, & Goldinger, S. D. (2010). Learning in repeated visual search. *Attention, Perception & Psychophysics*, 72, 1267-1282. doi: 10.3758/APP.72.5.1267.

Publications in the Media (Popular Science Outlets)

-- Supervised graduate student authors are denoted by asterisks (*)

1. *Robbins, A., & **Hout, M. C.** (2015). Look into my eyes. *Scientific American MIND magazine*, 26, 54-61.
Link to the online version: <http://www.scientificamerican.com/article/new-technologies-track-our-eyes-and-read-our-minds/>
2. **Hout, M. C.**, & Goldinger, S. D. (2013). To see or not to see? *Scientific American MIND Magazine*, 24, 60-67.
Link to the online version: http://www.scientificamerican.com/article.cfm?id=how-your-eyes-search-scene&WT.mc_id=SA_MND_20130606



Invited Symposia, Talks, and Workshops (External)

1. **Hout, M. C.** (2017). Using multi-dimensional scaling to conduct better experiments in cognitive science. *Invited (and funded) symposium talk presented at the Southwestern Psychological Association meeting; San Antonio, TX (March, 2017).*
2. **Hout, M. C.** (2017). Becoming an expert at difficult visual search: Experience fine-tunes mental representations of target categories. *Invited research talk presented to the Psychology department at the University of Arizona (February, 2017).*
3. **Hout, M. C.** (2016). An introductory workshop on multidimensional scaling: What it is, what it can do for you, and how to use it properly. *Invited workshop presented to the Psychology department at Louisiana State University (November, 2016).*
4. **Hout, M. C.** (2016). Mental representations in visual search: Basic research informing the real-world application of vision science. *Invited research talk presented to the Psychology department at California State University Polytechnic, Pomona (February, 2016).*
5. **Hout, M. C.** (2015). Failures of perception in the low-prevalence effect: Evidence from active and passive visual search. *Invited research talk presented to the Psychology department at the University of Texas, El Paso (May, 2015).*
6. **Hout, M. C.** (2013). The intersection of memory and attention in visual search. *Invited research talk presented to the Psychology department at New Mexico State University (March, 2013).*
7. **Hout, M. C.** (2012). Small perceptual differences cause big problems when they make your “target template” imprecise. *Invited research talk presented to the Psychology department at the University of Iowa (October, 2012).*
8. **Hout, M. C.** (2012). Multidimensional scaling: An introductory workshop. *Invited workshop presented to the Psychology department at the University of Southampton (England; July 2012).*
9. **Hout, M. C.** (2012). RSVPupillometry: Visual search examined using behavioral data, exemplar modeling and psychophysiology. *Invited research talk presented to the Centre for Visual Cognition (in the Psychology department) at the University of Southampton (England; July, 2012).*
10. **Hout, M. C.** (2012). RSVPupillometry: Visual search challenges examined using an exemplar model and psychophysiology. *Invited research talk presented to Jeremy Wolfe's Visual Attention Seminar Series in Brigham and Women's Hospital, Harvard Medical School (June, 2012).*
11. **Hout, M. C.** (2010). Eye movements in repeated visual search. *Invited research talk presented to the Learning Research and Development Center at the University of Pittsburgh (April, 2010).*

Invited Talks and Workshops (Internal)

1. **Hout, M. C.** (2016). Watching your eyes: How gaze-tracking technology lets us control gadgets, diagnose disease, and much more. *New Mexico State University, Salon Discovery Series. (Las Cruces, NM; March, 2016).*

2. Walenchok, S. C., **Hout, M. C.**, Goldinger, S. D., & Wolfe, J. M. (2013). Hiding in plain sight: Examining the low prevalence effect in visual search. *Research talk presented at the 4th Annual Arizona State / University of Arizona Cognitive Conclave (Tucson, Arizona; December, 2013; Read by Steve Walenchok).*
3. **Hout, M. C.** (2013). Vision happens in the brain, not the eyes. *New Mexico State University, College of Arts & Sciences Colloquium Series on Science and Society. (Las Cruces, NM; November 2013).*
More details and press release: <http://newscenter.nmsu.edu/9836/nmsu-psychology-professor-to-speak-at-college-of-arts-and-sciences-colloquium>
4. **Hout, M. C.** (2012). Target “templates”: Examining the precision and stability of mental representations during visual search. *Research talk presented at the 3rd Annual Arizona State / University of Arizona Cognitive Conclave (Tempe, Arizona; December, 2012).*
5. **Hout, M. C.** (2011). SQuEaL (Scanning Quiet Echoes and Learning): An exemplar model used to investigate a memory paradox. *Research talk presented at the 2nd Annual Arizona State / University of Arizona Cognitive Conclave (Tucson, Arizona; December, 2011).*
6. **Hout, M. C.** (2009). Introduction to E-Prime. *Invited methodology workshop presented to the Social Psychology department at Arizona State University (March, 2009).*

Unfunded Grant Applications (External)

1. **Hout, M. C.**, & Papesch, M. H. (2016). Using shared gaze to create an automated training model for search.
Agency: Transportation Security Agency (TSA), Transportation Security Innovative Concepts.
Role: Principle Investigator.
Status: Not awarded.
Amount: \$1,013,728. (\$795,797 to NMSU).
2. Multi-team proposal. (2016). FAA Center of Excellence for Technical Training and Human Performance program proposal.
Agency: Federal Aviation Administration.
Role: Collaborator.
Status: Not awarded.
Amount: ~1,000,000.
3. **Hout, M. C.** (2012). Small perceptual differences cause big problems when they make your “target template” imprecise.
Agency: Travel Award; *Object Perception, Attention, and Memory* conference committee. Sponsored in part by the National Eye Institute and National Institute of Health.
Amount: \$250.
4. **Hout, M. C.** (2012). Overcoming the low-prevalence effect in visual search.
Agency: NIH, National Eye Institute; NRSA F32.
Sponsor: Jeremy Wolfe, Brigham & Women’s Institute, Harvard Medical School.
Outcome: Not awarded.

Funded Grant Awards (Internal)

1. **Hout, M. C.** (2016). “Writing To Learn” Mini-Grant.
Agency: New Mexico State University, Teaching Academy.
Amount: \$3,000.
2. **Hout, M. C.** (2015-2017). Investigating Collaborative Search: Can Teamwork Systematically Overcome Some of the Challenges in Difficult Search?
Agency: New Mexico State University, College of Arts and Sciences Discovery Scholars Award
Amount: \$11,500.
3. **Hout, M. C.** (2014). Guidance of search by visual and semantic similarity.
Agency: New Mexico State University, College of Arts and Sciences Travel Grant.
Amount: \$1000.
4. **Hout, M. C.** (2013). Overcoming the low-prevalence problem in visual search.
Agency: New Mexico State University, College of Arts and Sciences Mini-grant.
Amount: \$900.
5. **Hout, M. C.** (2013). Vision happens in the brain, not the eyes.
Agency: New Mexico State University, College of Arts & Sciences Colloquium Series Award.
Amount: \$200.

Peer-reviewed Conference Proceedings

-- Supervised graduate student authors are denoted by asterisks (*)

1. *Robbins, A., & **Hout, M. C.** (2015). Categorical templates: Typical category members are found and identified quickly during word-cued search. *Summary published in Object Perception, Attention, and Memory (OPAM) 2015 Conference Report, Visual Cognition, 23*, 817-821. doi: 10.1080/13506285.2015.1093247.
2. Moher, J., **Hout, M. C.**, Lustig Michal, A., & Godwin, H. (2014). Object Perception, Attention and Memory 2014 Conference Report (22nd Annual Meeting, Long Beach, California), *Visual Cognition, 22*, 1013-1049. doi: 10.1080/13506285.2014.974900.
3. Cosman, J., Mack, M., **Hout, M. C.**, & Moher, J. (2013). Object Perception, Attention and Memory 2013 Conference Report (21st Annual Meeting, Toronto, Ontario, Canada), *Visual Cognition, 21*, 673-725. doi: 10.1080/13506285.2013.849902.
4. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (2013). What does that picture sound like to you?: Oculomotor evidence for phonological competition in visual search. *Summary published in Object Perception, Attention, and Memory (OPAM) 2013 Conference Report, Visual Cognition, 21*, 718-722. doi: 10.1080/13506285.2013.844970.
5. **Hout, M. C.**, & Goldinger, S. D. (2011). Multiple-target search increases workload but enhances incidental learning: A computational modeling approach to a memory paradox. *Summary published in Object Perception, Attention, and Memory (OPAM) 2011 Conference Report, Visual Cognition, 18-21*. doi: 10.1080/13506285.2011.618773.

Book Chapters

-- Supervised graduate student authors are denoted by asterisks (*)

1. *Sams, R., & **Hout, M. C.** (2017). Understanding the dual-process theory of decision-making. To appear in *Advances in Psychology Research*, Volume 115. Nova Science Publications, Hauppauge, NY.
2. *Madrid, J., *Robbins, A., *Scarince, C., Godwin, H. J., & **Hout, M. C.** (2016). Visual spatial attention: What it is, how it works, and what it does for us. In *Spatial Attention: Function, Influences and Performance*. Nova Science Publications, Hauppauge, NY.
3. *Scarince, C., *Madrid, J., **Hout, M. C.**, & Trafimow, D. (2015). Signal detection theory: Overview and recent considerations. In *Advances in Psychology Research*, Volume 112 (pp. 129 – 150). Nova Science Publications, Hauppauge, NY.

Manuscripts Under Review/Revision, or In Preparation

-- For “to be submitted” articles, all data has been collected, and articles are in the process of being written. Supervised graduate student authors are denoted by asterisks (*); supervised undergraduate student authors are denoted by daggers (†)

1. *Scarince, C., & **Hout, M. C.** (*under review*). Cutting through the MADness: Expectations about what a target is doing impact how likely it is to be found in dynamic visual displays. Submitted to *The Quarterly Journal of Experimental Psychology*.
2. **Hout, M. C.**, Cunningham, C., *Robbins, A., & MacDonald, J. (*under review*). Stressed, but determined: Simulating the fidelity of data for large stimulus set sizes and variable dimension estimation in multidimensional scaling. Submitted to *the Journal of the American Statistical Association*.
3. *Madrid, J., & **Hout, M. C.** (*under review*). Examining passive and active strategies on search behavior during hybrid visual memory search: Evidence from eye tracking. Submitted to *Journal of Experimental Psychology: Human Perception and Performance*.
4. **Hout, M. C.**, Papesh, M. H., †Lopez, A., & *Robbins, A. (*under review*). The acquisition of expertise in visual search. Submitted to *Journal of Experimental Psychology: Human Perception and Performance*.
5. Vatterott, D. B., **Hout, M. C.**, Goldinger, S. D., & Vecera, S. P. (*in preparation*). Experience modulates attention to irrelevant distractors: Evidence from saccade deviation.
6. *Robbins, A., & **Hout, M. C.** (*in preparation*). Categorical templates: Examining typicality effects in visual search.
7. *Robbins, A., **Hout, M. C.**, Godwin, H. J., & Fitzsimmons, G. (*in preparation*). Stress, worry, and anxiety fail to influence fixational stability, accuracy, or movement frequency.
8. Godwin, H. J., **Hout, M. C.**, Fitzsimmons, G., Menneer, T., & *Robbins, A. (*in preparation*). Going beyond the “visual” in visual search: Semantic search for related words.
9. *Madrid, J., Cunningham, C., *Robbins, A., & **Hout, M. C.** (*in preparation*). Looking for what?: Comparing search for familiar, nameable objects to search for unfamiliar, novel objects.

10. **Hout, M. C.**, †Lopez, A., *Robbins, A., & Godwin, H. J. (*in preparation*). Collaboration yield non-universal benefits to performance in challenging visual search.
11. Godwin, H. J., Walenchok, S. C., & **Hout, M. C.** (*in preparation*). How to properly implement eye-tracking procedures to answer important questions in cognitive science.
12. Walenchok, S. C., Goldinger, S. D., & **Hout, M. C.** (*in preparation*). Examining confirmatory strategies in visual search: Prevalence effects are stronger than confirmation bias.
13. *Scarince, C., Chen, J., & **Hout, M. C.** (*in preparation*). Mental workload: A tutorial review.
14. Houpt, J. W., Walenchok, S. C., Godwin, H. J., **Hout, M. C.**, & Goldinger, S. D. (*in preparation*). Is this object “gray” or is this object “not blue”? Confirmatory and disconfirmatory strategies influence object identification during visual search.
15. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (*in preparation*). Articulatory suppression fails to inhibit covert object naming during visual search.

Media Attention

- In April, 2017, the *Las Cruces Sun News* ran a story on the *Discovery Scholars Program*, of which I am the associate director. Link to the online story: <http://www.lcsun-news.com/story/news/2017/03/25/nmsus-discovery-scholars-program-gives-students-paid-research-experience/99603844/>
- In January, 2017, NMSU covered the awards given out at the spring convocation, of which I was a recipient (of the *Donald C. Roush* award for excellence in teaching). Link to the online story: <https://newscenter.nmsu.edu/Articles/view/12307/nmsu-honors-faculty-retired-staff-member-during-convocation-ceremony>
- In August, 2016, NMSU covered the awards given out at the fall convocation, of which I was a recipient (for Early Career Exceptional Achievement in Scholarly Activity). Link to the online story: <https://newscenter.nmsu.edu/Articles/view/12076/nmsu-convocation-honors-eight-faculty-members-for-excellence-in-teaching-research>
- In August, 2016, I was featured in an interview after being selected to be part of the NMSU College of Art’s and Sciences *Writing to Learn* program. Link to the online video: https://www.youtube.com/watch?v=LOvc_o6Isks&feature=youtu.be
- In June, 2016, our article was published in a special issue of *Psychonomic Bulletin & Review*, called "Arguments about the nature of concepts: Symbols, embodiment, and beyond." The issue was covered in a blog post for the Psychonomic Society by Dr. Stephan Lewandowsky. The full article can be found at: <http://www.psychonomic.org/featured-content-detail/symbodiment-god-may-really-be-up-there-perhaps-you>
- In January, 2016, our work was again featured in the *Las Cruces Sun News*. Discussed was our work on collaborative visual search, and our budding work on expertise and eye-movements. Link to the online story: <http://www.lcsun-news.com/story/news/education/nmsu/2016/01/03/research-shows-some-jobs-better-done-alone/78230552/>. Also at *Science Daily*: <http://www.sciencedaily.com/releases/2016/01/160105102332.htm>
- In December, 2015, our work was featured in an “Eye on research” video, produced by New Mexico State University, and shared on Youtube. The video discusses some of our research, and gives an introduction to eye-tracking technology. Link to the online video: <https://www.youtube.com/watch?v=0KJDRAdHNg>.
- On December 17th, 2015, our work was featured in a Psychonomic Society blog post by Dr. Melissa Le-Hao Vo. Melissa discussed our recent article in *Attention, Perception, & Psychophysics* entitled, "Using multidimensional scaling to quantify similarity in visual search and beyond." The full article can be found at <http://www.psychonomic.org/featured-content-detail/telling-apart-santas-stockings-sneaky-waldos-ho-ho>.
- In October, 2015, the work I have been doing with Garrett Bennett as part of the Discovery Scholars program was featured in the *Las Cruces Sun News*. Link to online story: <http://www.lcsun-news.com/story/news/education/nmsu/2015/10/31/program-fosters-undergraduates-achievement/74950956/>
- Arryn Robbins and I were interviewed by the media relations department at NMSU for our recent article in *Scientific American MIND* magazine, entitled “Look into my eyes.” January 29th, 2015.
- Our recent *PLoS One* article (*The perception of naturalness correlates with low-level visual features of environmental scenes*) was discussed in an article by CityLab (from *The Atlantic* magazine), written by Laura Bliss. Appeared January 5th, 2015. Link to the online story: <http://www.citylab.com/design/2015/01/what-makes-nature-look-natural/384202/>
- I conducted a radio interview with station KGRT, “Let’s Talk, Las Cruces” (Las Cruces, NM; May 2nd, 2014).
- Our lab’s research was discussed in “Study Looks at How Motorists Pay Attention to School Buses” by Ryan Gray. Appears in the March 28th, 2014 news report by *School Transportation News*. Link to online story: <http://www.stnonline.com/home/latest-news/5988-study-looks-at-how-motorists-pay-attention-to-school-buses>

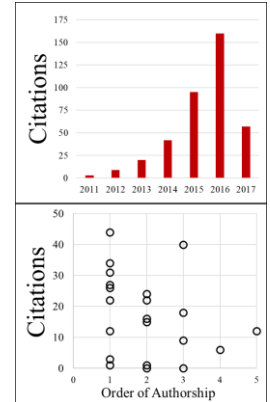
Citations and Impact

Citations: 387; h-index: 12; i10-Index: 14;

- Source: <http://scholar.google.com/citations?user=RzltjfkAAAAJ&hl=en>

Average order of authorship: 2.0; Average number of citations to peer-reviewed journal articles: 17.29.

Scatterplot to the right shows a point for each publication. (Updated: May, 2017)



Paper Presentations

-- Supervised graduate student authors are denoted by asterisks (*); supervised undergraduate student authors are denoted by daggers (†)

1. Walenchok, S. C., Goldinger, S. D., & **Hout, M. C.** (2017). Your attention seeks confirmation: Visual confirmation bias overshadows prevalence effects in visual attention. *Paper presented at the 19th European Conference on Eye Movements in Wuppertal, Germany (August, 2017).*
2. Walenchok, S. C., Goldinger, S. D., & **Hout, M. C.** (2017). Examining confirmatory strategies in visual search: Prevalence learning counteracts confirmation bias. *Paper presented at the Southwestern Psychological Association meeting; San Antonio, TX (March, 2017).*
3. Godwin, H. J., Fitzsimmons, G., Weal, M., Liversedge, S. P., Menner, T., & **Hout, M. C.** (2016). Knowing when to quit searching for information. *Paper presented at the 57th Annual Meeting of the Psychonomic Society in Boston, Massachusetts (November, 2016).*
4. Walenchok, S. C., Houpt, J. W., Godwin, H. J., **Hout, M. C.**, & Goldinger, S. D. (2016). Is this object “yellow” or is this object “Not yellow”: Disconfirmatory strategies influence object identification during visual search. *Paper presented at the 24th annual Object Perception, Attention and Memory conference: Boston, MA (November, 2016).*
5. **Hout, M. C.**, †Lopez, A., *Robbins, A., & Papesh, M. H. (2016). Expertise fine-tunes mental representations of targets during challenging visual search. *Paper presented to the 2016 ARMADILLO Cognition Conference: El Paso, TX (September, 2016).*
6. **Hout, M. C.**, and *Robbins, A. (2016). Individual differences in the perception of category typicality predict the usefulness of target templates during word-cued search. *Micro-talk presented at the Individual Differences Brownbag, a satellite event at the Vision Sciences Society 2016 Meeting in St. Petersburg, FL (May, 2016).*
7. *Scarince, C., & **Hout, M. C.** (2016). Coping with a MAD World: Visual search strategies in dynamic environments. *Paper presented at the 2016 Rocky Mountain Psychological Association conference: Denver, CO (March, 2016).*
8. Guevara Pinto, J., Papesh, M. H., & **Hout, M. C.** (2016). RSVP search: Typicality effects in an atypical visual search task. *Paper presented at the 2016 Southeastern Psychological Association meeting in New Orleans, LA (March, 2016).*
9. *Robbins, A., & **Hout, M. C.** (2015). Categorical templates: Typical category members are found and identified quickly during word-cued search. *Paper presented at the 23rd annual Object Perception, Attention and Memory conference: Chicago, IL (November, 2015).*
Also presented at the New Mexico State University, *Graduate Research and Arts Symposium (April, 2016).*
10. **Hout, M. C.**, Walenchok, S. C., Goldinger, S. D., & Wolfe, J. M. (2014). The low-prevalence effect is due to failures of attention, not premature search termination or motor errors: Evidence from passive search and eye-movements. *Paper presented at the Vision Sciences Society 2014 Meeting in St. Petersburg, FL (May, 2014).*
Also at: *Journal of Vision*, 14, 221. doi: 10.1167/14.10.221.
11. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (2013). What does that picture sound like to you?: Oculomotor evidence for phonological competition in visual search. *Paper presented at the 21st annual Object Perception, Attention and Memory conference: Toronto, Canada (November, 2013).*
12. **Hout, M. C.**, & Goldinger, S. D. (2013). Tortoise or hare? Picture-derived target “templates” quicken search but are prone to decay. Word-derived templates slow search but are stable over time. *Paper presented at the Vision Sciences Society 2013 Meeting in Naples, FL (May, 2013).*
Also at: *Journal of Vision*, 13, 1251. doi: 10.1167/13.9.1251.
13. **Hout, M. C.**, & Goldinger, S. D. (2011). Multiple-target search increases workload but enhances incidental learning: A computational modeling approach to a memory paradox. *Paper presented at the 19th Annual Object Perception, Attention, & Memory Conference in Seattle, Washington (November, 2011).*
14. **Hout, M. C.**, & Goldinger, S. D. (2011). Incidental learning speeds visual search by lowering response thresholds, not by improving efficiency. *Paper presented at the 16th European Conference on Eye Movements in Marseilles, France (August, 2011).*

15. Papesh, M. H., **Hout, M. C.**, & Goldinger, S. D. (2010). Eye movements and pupil dilations reveal fast, voice-specific priming. *Paper presented at the 51st Annual Meeting of the Psychonomic Society in St. Louis, Missouri (November, 2010; read by Stephen Goldinger).*
16. **Hout, M. C.**, & Goldinger, S. D. (2009). Eye movements in repeated visual search for complex images. *Paper presented at the Western Psychological Association 89th Annual Convention in Portland, Oregon (April, 2009).*

Poster Presentations

-- Supervised graduate student authors are denoted by asterisks (*); supervised undergraduate student authors are denoted by daggers (†)

1. Fassenko, G., Castro, C., **Hout, M. C.**, & Wilson, C. (2017). Are dog owners able to correctly identify primary and secondary emotions in their canine companions based on dog vocalization and body language? *Poster presented at the International Society for Anthrozoology meeting in Irvine, Ca (June, 2017).*
Also presented as a talk by Christabel Castro to the *Graduate Research and Arts Symposium (GRAS), at New Mexico State University (April, 2017).*
2. †DesGeorges, J., & **Hout, M. C.** (2017). Help me Google?: A complete failure to replicate a prominent *Science* article. *Poster presented at the New Mexico State University, College of Arts and Sciences Undergraduate Research and Creative Arts Symposium (April, 2017).*
3. Chen, F. M., Walenchok, S. C., Goldinger, S. D., & **Hout, M. C.** (2017). Examining confirmation bias in visual search. *Poster presented at the Arizona Psychology Undergraduate Research Conference (February, 2017).*
4. **Hout, M. C.**, †Lopez, A., *Robbins, A., & Papesh, M. H. (2016). Expertise fine-tunes mental representations of targets during challenging visual search. *Poster presented at the 57th Annual Meeting of the Psychonomic Society in Boston, Massachusetts (November, 2016).*
5. *Robbins, A., Cunningham, C. A., MacDonald, J., & **Hout, M. C.** (2016). Strength in numbers: Testing the fidelity of multidimensional scaling for large datasets. *Poster presented at the 57th Annual Meeting of the Psychonomic Society in Boston, Massachusetts (November, 2016).*
Also presented at the *2016 ARMADILLO Cognition Conference: El Paso, TX (September, 2016).*
Also presented as a talk by Arryn Robbins to the *Graduate Research and Arts Symposium (GRAS), at New Mexico State University (April, 2017).*
6. Walenchok, S. C., Goldinger, S. D., & **Hout, M. C.** (2016). The low-prevalence effect counteracts confirmatory bias in visual search. *Poster presented at the 57th Annual Meeting of the Psychonomic Society in Boston, Massachusetts (November, 2016).*
Also presented at the *2016 ARMADILLO Cognition Conference: El Paso, TX (September, 2016).*
7. *Scarince, C., & **Hout, M. C.** (2016). Finding the green ketchup bottle: Investigating how non-essential features sometimes aid in search. *Poster presented at the 24th annual Object Perception, Attention and Memory conference: Boston, MA (November, 2016).*
Also presented as a talk by Collin Scarince to the *Graduate Research and Arts Symposium (GRAS), at New Mexico State University (April, 2017).*
8. *Madrid, J., Godwin, H. J., Cunningham, C. A., *Robbins, A., & **Hout, M. C.** (2016). All targets are not created equal: Some targets are often missed in hybrid visual search tasks. *Poster presented at the 24th annual Object Perception, Attention and Memory conference: Boston, MA (November, 2016).*
Also presented at the *2016 ARMADILLO Cognition Conference: El Paso, TX (September, 2016).*
9. †Lopez, A., *Robbins, A., Godwin, H. J., & **Hout, M. C.** (2016). Working with a partner may help protect against frequency effects in difficult visual search. *Poster presented at the 24th annual Object Perception, Attention and Memory conference: Boston, MA (November, 2016).*
Also presented at the *2016 ARMADILLO Cognition Conference: El Paso, TX (September, 2016).*
10. *Scarince, C., & **Hout, M. C.** (2016). I beat the odds, right?: The effects of expectancy on gambling memory. *Poster presented at the 2016 ARMADILLO Cognition Conference: El Paso, TX (September, 2016).*
11. **Hout, M. C.**, Maxfield, J., *Robbins, A., & Zelinsky, G. (2016). Object categorization performance modeled using multidimensional scaling and category-consistent features. *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, Fl (May, 2016).*
Also at: *Journal of Vision, 2016, 16, 250, doi: 10.1167/16.12.250.*
12. *Melia, C., & **Hout, M. C.** (2016). Perceptual challenges for inverted icons: The Face Inversion Effect does not extend to complex objects. *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, Fl (May, 2016).*
Also at: *Journal of Vision, 2016, 16, 78, doi: 10.1167/16.12.78.*

13. *Scarince, C., & **Hout, M. C.** (2016). Investigating dynamic feature prevalence and quitting thresholds in Multi-element Asynchronous Dynamic (MAD) search. *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, FL (May, 2016).*
Also at: *Journal of Vision, 2016, 16*, 1292, doi: 10.1167/16.12.1292.
14. †Lopez, A., †Bennett, G., *Robbins, A., Godwin, H. J., & **Hout, M. C.** (2016). Find one fast, or find them all slow: Do collaborative visual searchers search more quickly or more thoroughly? *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, FL (May, 2016).*
Also presented at the *New Mexico State University, College of Arts and Sciences Undergraduate Research and Creative Arts Symposium* (April, 2016).
Also at: *Journal of Vision, 2016, 16*, 1001, doi: 10.1167/16.12.1001.
15. †Sabik, M., *Scarince, M., Papesch, M. H., Godwin, H. J., Goldinger, S. D., & **Hout, M. C.** (2016). Rare targets induce less “perceptual readiness:” Evidence from pupillometry. *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, FL (May, 2016).*
Also presented at the *New Mexico State University, College of Arts and Sciences Undergraduate Research and Creative Arts Symposium* (April, 2016).
Also at: *Journal of Vision, 2016, 16*, 1162, doi: 10.1167/16.12.1162.
16. *Madrid, J., Cunningham, C. A., *Robbins, A., Godwin, H. J., Wolfe, J. M., & **Hout, M. C.** (2016). Exploring the nature of mental representations in hybrid visual and memory search. *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, FL (May, 2016).*
Also presented at the *New Mexico State University, Graduate Research and Arts Symposium* (April, 2016).
Also at: *Journal of Vision, 2016, 16*, 341, doi: 10.1167/16.12.341.
17. Walenchok, S. C., Goldinger, S. D., & **Hout, M. C.** (2016). Examining confirmatory strategies in visual search: People are more flexible than you think. *Poster presented at the Vision Sciences Society 2016 Meeting in St. Petersburg, FL (May, 2016).*
Also at: *Journal of Vision, 2016, 16*, 989, doi: 10.1167/16.12.989.
18. *Robbins, A., **Hout, M. C.**, Fitzsimmons, G., Menneer, T., & Godwin, H. J. (2015). Going beyond the ‘visual’ in visual search: Semantic search for related words. *Poster presented at the 56th Annual Meeting of the Psychonomic Society in Chicago, Illinois (November, 2015).*
19. Walenchok, S. C., Godwin, H. J., Houpt, J. W., **Hout, M. C.**, & Goldinger, S. D. (2015). Greater than parallel: Distinguishing features can be combined for efficient object identification in dual-target search. *Poster presented at the 56th Annual Meeting of the Psychonomic Society in Chicago, Illinois (November, 2015).*
20. †Lopez, A., †Bennett, G., *Robbins, A., Godwin, H. J., & **Hout, M. C.** (2015). Four eyes aren’t always better than two: Collaborative categorical multiple-target hybrid search. *Poster presented at the 23rd annual Object Perception, Attention and Memory conference: Chicago, IL (November, 2015).*
21. *Scarince, C., & **Hout, M. C.** (2015). Cutting through the MADness: Investigating visual search efficiency in dynamic displays. *Poster presented at the 23rd annual Object Perception, Attention and Memory conference: Chicago, IL (November, 2015).*
Also presented at the *New Mexico State University, Graduate Research and Arts Symposium* (April, 2016).
22. *Madrid, J., Cunningham, C., *Robbins, A., & **Hout, M. C.** (2015). Don’t label me!: Search for familiar, nameable objects vs. search for unfamiliar, novel objects. *Poster presented at the 23rd annual Object Perception, Attention and Memory conference: Chicago, IL (November, 2015).*
23. **Hout, M. C.**, Godwin, H. J., Walenchok, S., Houpt, J. W., & Goldinger, S. D. (2015). Faster than the speed of rejection: Object identification processes during visual search for multiple targets. *Poster presented at the Vision Sciences Society 2015 Meeting in St. Petersburg, FL (May, 2015).*
Also at *Journal of Vision, 2015; 15*, 241. doi: 10.1167/15.12.241.
24. *Robbins, A., **Hout, M. C.**, Godwin, H. J., & Fitzsimmons, G. (2015). Quiet eyes: Stress, worry, and anxiety fail to influence fixational stability, accuracy, or movement frequency. *Poster presented at the Vision Sciences Society 2015 Meeting in St. Petersburg, FL (May, 2015).*
Also at *Journal of Vision, 2015; 15*, 1273. doi: 10.1167/15.12.1273.
25. *Madrid, J., *Robbins, A., & **Hout, M. C.** (2015). Drop the beat and miss T2: How various dimensions of music influence attentional failures. *Poster presented at the Vision Sciences Society 2015 Meeting in St. Petersburg, FL (May, 2015).*
Also at *Journal of Vision, 2015; 15*, 438. doi: 10.1167/15.12.438.
26. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (2015). Phonological interference in visual search: Object names are automatically activated in non-linguistic tasks. *Poster presented at the Vision Sciences Society 2015 Meeting in St. Petersburg, FL (May, 2015).*
Also at *Journal of Vision, 2015; 15*, 65. doi: 10.1167/15.12.65.

27. *Scarince, C., & **Hout, M. C.** (2015). I Won (As Far As I Can Remember)! Broad Implications of the Incongruity Effect. *Poster presented at the 16th Annual Meeting of the Society of Personality and Social Psychology: Long Beach, CA (February, 2015).*
28. **Hout, M. C.**, Godwin, H. J., Fitzsimmons, G., *Robbins, A., & Menneer, T. (2014). Semantic and visual similarity guide visual search for words and number. *Poster presented at the 55th Annual Meeting of the Psychonomic Society in Long Beach, California (November, 2014).*
29. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (2014). Beanie and the Beast: Articulatory suppression fails to inhibit covert object-naming during visual search. *Poster presented at the 22nd annual Object Perception, Attention and Memory conference: Long Beach, CA (November, 2014).*
30. Ratiu, I., **Hout, M. C.**, Walenchok, S. C., Azuma, T., & Goldinger, S. D. (2014). The bilingual switching advantage investigated using a visual search task. *Poster presented at the 22nd annual Object Perception, Attention and Memory conference: Long Beach, CA (November, 2014).*
31. *Robbins, A., **Hout, M. C.**, Godwin, H. J., Fitzsimmons, G., & *Scarince, C. (2014). Where's Volvo: Visual search for automobiles and why attention is prioritized to school buses. *Poster presented at the 22nd annual Object Perception, Attention and Memory conference: Long Beach, CA (November, 2014).*
32. *Scarince, C., & **Hout, M. C.** (2014). Investigating the effects of depth perception on the evaluative conditioning of abstract objects. *Poster presented at the 22nd annual Object Perception, Attention and Memory conference: Long Beach, CA (November, 2014).*
33. Walenchok, S. C., **Hout, M. C.**, & Goldinger, S. D. (2014). Categorical contextual cueing in visual search. *Poster presented at the Vision Sciences Society 2014 Meeting in St. Petersburg, FL (May, 2014).*
Also at: *Journal of Vision, 14*, 1074. doi: 10.1167/14.10.1074.
34. Menneer, T., Godwin, H., & **Hout, M. C.** (2014). Visual similarity is stronger than semantic similarity in guiding visual search for numbers. *Poster presented at the Vision Sciences Society 2014 Meeting in St. Petersburg, FL (May, 2014).*
Also at: *Journal of Vision, 14*, 1201. doi: 10.1167/14.10.1201.
35. **Hout, M. C.**, Papesh, M. H., & Goldinger, S. D. (2013). Pupil size reveals template construction and target detection in RSVP search. *Poster presented at the 54th Annual Meeting of the Psychonomic Society in Toronto, Canada (November, 2013).*
36. Ratiu, I., **Hout, M. C.**, Azuma, T., & Goldinger, S. D. (2013). The bilingual advantage investigated using visual search. *Poster presented at the 21st annual Object Perception, Attention and Memory conference: Toronto, Canada (November, 2013).*
37. Walenchok, S., **Hout, M. C.**, & Goldinger, S. D. (2013). Is an image worth a phonological representation? Investigating the effect of target-distractor phonological similarity in multiple-target search. *Poster presented at the Vision Sciences Society 2013 Meeting in Naples, FL (May, 2013).*
Also at: *Journal of Vision, 13*, 687. doi: 10.1167/13.9.687.
38. **Hout, M. C.**, & Goldinger, S. D. (2012). Small perceptual differences cause big problems when they make your “target template” imprecise. *Poster presented at the 20th annual Object Perception, Attention and Memory conference: Minneapolis, Minnesota (November, 2012).*
39. **Hout, M. C.**, Papesh, M. H., & Goldinger, S. D. (2012). RSVPpupillometry: Incidental memory and psychophysiology in rapid-serial multiple-target search. *Poster presented at the Vision Sciences Society 2012 Meeting in Naples, Florida (May, 2012).*
Also at: *Journal of Vision, 12*, 1151. doi: 10.1167/12.9.1151.
40. **Hout, M. C.**, Ferguson, R. W., Homa, D., & Goldinger, S. D. (2009). Testing a fast, efficient method for multidimensional scaling. *Poster presented at the 50th Annual Meeting of the Psychonomic Society in Boston, Massachusetts (November, 2009).*
41. **Hout, M. C.**, & Goldinger, S. D. (2009). Eye movements in repeated visual search. *Poster presented at the European Society for Cognitive Psychology, in Krakow, Poland (September, 2009).*
42. **Hout, M. C.**, & Goldinger, S. D. (2008). Repeated visual search: The contributions of object identity, spatial information, and working memory load. *Poster presented at the Western Psychological Association 88th Annual Convention in Irvine, California (April, 2008).*

Professional Service (academic service)

- Professional Affiliations:
 - Fellow of the Psychonomic Society (2016 – present)
 - Associate Member of the Psychonomic Society (2013 - 2016)
 - Vision Sciences Society member (2011 – present)

- Association for Psychological Science member (2014 – present)
- Western Psychological Association member (2007 – 2009)
- Article guest editor:
 - SAGE Open (peer-reviewed, open access); June, 2014

Journal reviewer (as needed; typically 3-6 papers per month):

- Psychonomic Bulletin & Review
- Journal of Experimental Psychology: Human Perception & Performance
- Journal of Experimental Psychology: Learning, Memory, & Cognition
- Journal of Experimental Psychology: Applied
- Attention, Perception & Psychophysics
- Memory & Cognition
- Cognitive Research: Practices and Implications
- Canadian Journal of Experimental Psychology
- International Journal of Psychophysiology
- Journal of Vision
- Visual Cognition
- Vision Research
- The Quarterly Journal of Experimental Psychology
- Journal of Neurophysiology
- Perception
- Brain and Language
- Collabra
- Journal of Applied Research in Memory and Cognition
- The Journal of General Psychology
- PLOS One
- Social Psychological and Personality Science
- Computing Surveys
- Peer J
- Conference submission reviewer:
 - CogSci 2017: The annual meeting of the Cognitive Science Society
 - CogSci 2016: The annual meeting of the Cognitive Science Society
 - CogSci 2015: The annual meeting of the Cognitive Science Society
- Grant reviewer:
 - National Science Foundation (NSF) panelist; 2017.
 - US Army Research Office, Neurophysiology of Cognition division; 2016
 - US Army Research Office, Neurophysiology and Cognitive Neuroscience division; 2014
- Textbook Advisory Board:
 - Pearson Publishers (Fall 2016 – present).
- Textbook / Resource Evaluator:
 - *Think Psychology 2019* program by Pearson Publishers (Spring, 2017).
 - *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience (5th Edition)* by Bruce Goldstein, Cengage Publishers (Fall 2016).
 - *Social Research Methods: A Student's Life* by Wendy Heath, Cambridge University Press (Summer 2016; Fall 2016).
 - Cognitive Tool Kit (online Cognitive Psychology experiments), Worth Publishers (Spring, 2014).
- Textbook / Resource Creator:
 - Online material creation for E. Bruce Goldstein's "Cognitive Psychology 5th Edition." Cengage learning (Summer 2016 – Fall 2017).
 - Online material creation for E. Bruce Goldstein's "Sensation and Perception, 10th Edition." Cengage Learning (Summer 2015 – Fall 2016).
- Professional volunteer work:
 - Volunteer presenter at El Paso Community College's Psychology Career day (April 2017).
 - Volunteer assistant to Asombro Institute for Science Education presentations to Vista Middle School (Las Cruces, NM; December 2015).
 - Volunteer presenter at El Paso Community College's Psychology Career day (April 2015).
 - Volunteer presenter for the NMSU chapter of PSI CHI (March 2015).
 - Vision Sciences Society Conference, Illusion Contest volunteer (May 2014).
 - Volunteer presenter at El Paso Community College's Psychology Career Day (April 2014).
 - Session chair at the 2014 Graduate Student Research & Arts Symposium (GRAS; March 2014).

Professional Service (departmental and university service)

- Departmental Service:
 - Member of the Faculty Search Committee (NMSU; Fall 2016 – Spring 2017).
 - Member of the Undergraduate Studies Committee (NMSU; Fall 2015 – Spring 2016).
 - Member of the Faculty Search Committee (NMSU; Fall 2015 – Spring 2016).
 - Member of the Graduate Quantitative Psychology Committee (NMSU; Fall 2013 – present).
 - Member of the Graduate Studies Committee (NMSU; Fall 2013 – Summer 2015).
- University Service:
 - Discovery Scholars Program, Associate Director (New Mexico State University, Fall 2016 – present).
 - Honors College International Scholarship, member of selection panel (New Mexico State University, Spring 2017).
 - Research presentation judge, NMSU Alliance for Minority Participation (AMP) Undergraduate Student Research Conference. (New Mexico State University, October 2016).
 - Member of the College of Arts and Sciences Award Committee (New Mexico State University, Fall 2015 – Summer 2017).
 - Faculty Marshall, New Mexico State University Fall 2015 Commencement Ceremony.
- Faculty Advisor to Student Organizations:
 - Organization for Skepticism and Scientific Literacy. (Fall 2016 – Spring 2017)
 - Psi Chi (the National Undergraduate Honor's Society in Psychology) NMSU chapter. (Spring 2015 – present)

Professional Service (students supervised and committee membership)

Doctoral Students Supervised (co-supervised students are denoted by asterisks *):

- Jessica Madrid (Fall 2016 – present; Psychology)
- Collin Scarince (Fall 2015 – present; Psychology)
- Ryan Sams (Fall 2015 – Spring 2017; Psychology, withdrew from the PhD program)
- Carrie Melia (Fall 2014 – Fall 2016; Psychology, withdrew from the PhD program)
- *Nathaniel Shaver (Fall 2014 – Spring 2016; Interdisciplinary, withdrew and switched to Education)
- Arryn Robbins (Spring 2014 – present; Psychology)

Master's Students Supervised:

- Rebecca Penn (Fall 2017 – present; Psychology)
- Summer Lileck (Fall 2015 – present; Psychology)
- Jessica Madrid (Fall 2014 – Fall 2016; Psychology)
- Ryan Sams (Fall 2014 – Fall 2015; Psychology)
- Collin Scarince (Fall 2014 – Summer 2015; Psychology)
- Casey Tunstall (Fall 2013 – Fall 2014; Psychology)

Undergraduate Research Scholars Supervised:

- Emily Green (Summer 2016 – present; Honors College Capstone Thesis Program)
- John DesGeorges (Summer 2016 – present; Discovery Scholars Program)
- Maggie Sabik (Summer 2015 – Spring 2016; BRAiN Training Program)
- Alexis Lopez (Spring 2016 – Summer 2016; Discovery Scholars Program)
- Garrett Bennett (Summer 2015 – Fall 2015; Discovery Scholars Program)

Master's Thesis Committees:

- As chair:
 - Rebecca Penn (Psychology, *pending*) – New Mexico State University.
 - Summer Lileck (Psychology, *pending*) – New Mexico State University.
 - Jessica Madrid (Psychology, *October 2016*) – New Mexico State University.
 - Ryan Sams (Psychology, *November 2015*) – New Mexico State University.
 - Collin Scarince (Psychology, *July 2015*) – New Mexico State University.

- Casey Tunstall (Psychology, *December 2014*) –New Mexico State University.
- As member (or Dean’s representative *):
 - Bryan White (Psychology, *pending*) – New Mexico State University.
 - *Christabel Castro (Animal and Range Sciences, *April 2017*) – New Mexico State University.
 - Juan Guevara Pinto (Psychology, *November 2016*) – Louisiana State University.
 - Hunter Myuz (Psychology, *October 2016*) – New Mexico State University.
 - Alexander VanHoudt (Psychology, *May 2016*) – New Mexico State University.
 - Naveen Dass (Psychology, *April 2016*) –New Mexico State University.
 - *Anthony Tome (English MFA, *March 2016*) – New Mexico State University.
 - Kyle Brady (Applied Psychology, *November 2015*) – Arizona State University, Polytechnic.
 - C. Brooks Volkman (Psychology, *November 2014*) –New Mexico State University.
 - Stephen C. Walenchok (Psychology, *June 2014*) –Arizona State University.

Master’s Thesis Qualifying Exam Committee:

- As chair:
 - Carrie Anne Melia (Psychology, *September 2014*) –New Mexico State University.
- As member:
 - John Dennem (Psychology, *October 2015*) – New Mexico State University.
 - Yogesh Raut (Psychology, *December 2013*) –New Mexico State University.
 - Lindsay Ruckel (Psychology, *September 2013*) –New Mexico State University.

PhD Comprehensive Exams Committee:

- As chair (or co-chair *):
 - Jessica Madrid (Psychology, *pending*) – New Mexico State University.
 - Collin Scarince (Psychology, *October 2016*) – New Mexico State University.
 - *Nathaniel Shaver (Interdisciplinary, *May 2016*) – New Mexico State University.
 - Arryn Robbins (Psychology, *October, 2014*) –New Mexico State University.
- As member:
 - Daniel Henning (Psychology, *pending*) – New Mexico State University.
 - John Dennem (Psychology, *pending*) – New Mexico State University.
 - Hunter Myuz (Psychology, *May 2017*) – New Mexico State University.
 - Stephen C. Walenchok (Psychology, *January 2016*) – Arizona State University.
 - Yogesh Raut (Psychology, *July 2015*) – New Mexico State University.
 - Lindsay Ruckel (Psychology, *September 2014*) –New Mexico State University.
 - Youngjin Kang (Psychology, *April 2014*) –New Mexico State University.

Doctoral Dissertation Committee:

- As chair (or co-chair *):
 - Collin Scarince (Psychology, *pending*) – New Mexico State University.
 - Arryn Robbins (Psychology, *pending*) –New Mexico State University.
- As member:
 - Hunter Myuz (Psychology, *pending*) – New Mexico State University.
 - Lindsay Ruckel (Psychology, *pending*) – New Mexico State University.
 - Adam Underwood (Psychology, *pending*) – New Mexico State University.
 - Stephen C. Walenchok (Psychology, *pending*) – Arizona State University.
 - John Kulpa (Psychology, *pending*) – New Mexico State University.
 - Jesse Marczyk (Psychology, *February 2016*) – New Mexico State University.
 - Daniel Gambacorta (Psychology, *March 2015*) –New Mexico State University.
 - Jeremy Schwark (Psychology, *April 2014*) –New Mexico State University.

Preparing Future Faculty Program, Faculty Advisor (New Mexico State University):

- Advisee: Ryan Sams (Fall 2016 – Spring 2017)
- Advisee: Carrie Melia (Fall 2015 – Spring 2016)
- Advisee: Collin Scarince (Fall 2014 – Spring 2015)

Discovery Scholars Program, Faculty Mentor (New Mexico State University):

- Advisee: John DesGeorges (Summer 2016 – present)
- Advisee: Alexis Lopez (Spring 2016 – Summer 2016)
- Advisee: Garrett Bennett (Summer 2015 – Spring 2016)

Building Research Achievement in Neuroscience (BRAiN) Training Program Faculty Mentor (New Mexico State University, in collaboration with University of Colorado, Denver): 2015 – present

- Advisee: Maggie Sabik (May 2015 – August 2016)

Honors College Capstone Thesis Program (New Mexico State University):

- Emily Green (Summer 2017 – present)

High school apprenticeship program, Faculty Co-Advisor:

- Advisee: Katrina Ling (2014-2015)

Teaching

Undergraduate level, Cognition (PSY 340); Classes taught by supervised *Preparing Future Faculty* graduate student teachers are denoted by asterisks.

- 1) Spring, 2014. 60 students at New Mexico State University
Evaluations (out of 5): Instructor = 4.97; Course = 5.0
- 2) Fall, 2014. 40 students at New Mexico State University.
Evaluations (out of 4): Instructor = 3.9; Course = 3.95
- 3) *Spring, 2015. 70 students at New Mexico State University.
Evaluations (out of 4): Instructor = 3.84; Course = 3.7
- 4) Spring, 2016. 40 students at New Mexico State University.
Evaluations (out of 4): Instructor: 3.96; Course: 3.96.
- 5) Fall, 2016. 46 students at New Mexico State University.
Evaluations (out of 5): Instructor: 4.97; Course: 4.81.
- 6) Spring, 2017. 64 students at New Mexico State University.
Evaluations (out of 5): Instructor: 5.0; Course: 4.98.

Undergraduate level, Experimental Methods (PSY 310)

- 1) Fall, 2014. 40 students at New Mexico State University.
Evaluations (out of 4): Instructor = 3.8; Course = 3.67
- 2) Spring, 2015. 70 students at New Mexico State University.
Evaluations (out of 4): Instructor = 3.73; Course = 3.61
- 3) Fall, 2015. 40 students at New Mexico State University.
Evaluations (out of 5): Instructor: 5.0; Course: 4.85.
- 4) Spring, 2016. 40 students at New Mexico State University.
Evaluations (out of 4): Instructor: 3.94; Course: 3.41.
- 4) Fall, 2016. 38 students at New Mexico State University.
Evaluations (out of 5): Instructor: 4.89; Course: 4.89.
- 5) Spring, 2017. 31 students at New Mexico State University.
Evaluations (out of 5): Instructor: 4.91; Course: 4.86.

Undergraduate Honors level, The Human Mind (Hon 323G)

- 1) Summer, 2017 (*upcoming*). 20 students at New Mexico State University.

Undergraduate level, Statistics and Research Design (PSYC 2317)

- 1) Summer 1, 2016. 12 students at El Paso Community College.
- 2) Summer 2, 2016. 15 students at El Paso Community College.

Undergraduate level, Memory & Cognition (PSY 324); Supervised teaching.

- 1) Spring, 2011. 35 students at Arizona State University.

- Evaluations (out of 5, where 1 is “most positive”): Instructor = 1.27
 2) Spring, 2013. 50 students at Arizona State University.
 Evaluations (out of 5, where 1 is “most positive”): Instructor = 1.2

Undergraduate level, Introduction to Psychology (PGS 101); Supervised teaching.

- 1) Spring, 2010. 35 students at Arizona State University.
 Evaluations (out of 5, where 1 is “most positive”): Instructor = 1.16

Graduate level, Sensation & Perception (PSY 522)

- 1) Spring, 2014. 12 students at New Mexico State University.
 Evaluations (out of 5): Instructor = 4.6; Course = 4.7

Graduate level, Quantitative Methods in Psychology I (PSY 507)

- 1) Fall, 2013. 9 students at New Mexico State University.
 Evaluations (out of 4): Instructor = 3.78; Course = 3.67

Graduate level, History & Systems in Psychology (PSY 540)

- 1) Fall 2015. 28 students at New Mexico State University.
 Evaluations (out of 5): Instructor: 4.33; Course: 3.94.

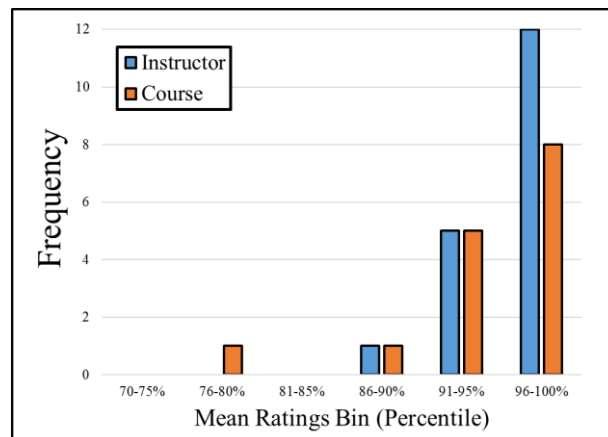
Graduate level, Psychology Department Weekly Brownbag Seminar Organizer (PSY 590)

- 1) Fall 2015. Departmental; at New Mexico State University.
 2) Spring 2016. Departmental; at New Mexico State University.
 3) Fall 2016. Departmental; at New Mexico State University.

Graduate level, Readings and Conference (PSY 590); Topic: Eye movements

- 1) Fall, 2012. 1 student at Arizona State University.
 2) Spring, 2013. 1 student at Arizona State University.

Below is a histogram showing the distribution of my average overall “Instructor” ratings received by students, and my average overall “Course” ratings, shown in blue and orange bars, respectively. Because different courses/semesters used different scales, all ratings have been converted to a percentage (0 = worst, 100% = best).



RateMyProfessor.com ratings (out of 5):

- New Mexico State University: Currently (1/1/2017) 28 ratings at <http://www.ratemyprofessors.com/ShowRatings.jsp?tid=1890726>
 - Overall: 4.7; Difficulty: 2.4.
- Arizona State University: 6 ratings at <http://www.ratemyprofessors.com/ShowRatings.jsp?tid=1538949>
 - Overall: 5.0; Difficulty: 2.0.