Douglas B. Markant

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University of North Carolina at Charlotte
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Last updated: July 29, 2020

EDUCATION

2008—2014	New York University
	Psychology: Cognition and Perception
	M.A. completed May 16, 2012
	Ph.D. completed January 27, 2014
	Advisor: Dr. Todd Gureckis
2001—2005	Cornell University
	B.A. Psychology
	Minors in Information Science and Cognitive Science

POSITIONS

2017—present	Assistant Professor
	Department of Psychological Science
	University of North Carolina at Charlotte
2014—2017	Postdoctoral Researcher
	Center for Adaptive Rationality
	Max Planck Institute for Human Development, Berlin
	Advisors: Dr. Ralph Hertwig and Dr. Tim Pleskac
2005—2008	Research Assistant
	Psychiatry Neuroimaging Laboratory
	Brigham and Women's Hospital, Harvard Medical School, Boston
	Advisor: Dr. Martha Shenton

MANUSCRIPTS UNDER REVIEW OR IN REVISION
Underlined names denote student co-authors.

Wesslen, R., **Markant, D.**, Karduni, A., & Dou, W. (submitted). Using resource-rational analysis to understand cognitive biases in interactive data visualizations. Submitted to *VisPsych 2020.*

Markant, D. (under review). Chained study and the discovery of relational structure. Submitted to *Memory and Cognition.*

Markant, D., Phillips, N. D., Kareev, Y., Avrahami, J., and Hertwig, R. (in revision). To act fast or to bide time? Adaptive exploration under competitive pressure. Manuscript invited for resubmission at *Journal of Experimental Psychology: General.*

PEER-REVIEWED JOURNAL ARTICLES

Karduni, A., **Markant, D.**, Wesslen, R., & Dou, W. (in press, 2020). A Bayesian cognition approach for belief updating of bivariate relationships through uncertainty visualizations. IEEE Transactions on Visualization and Computer Graphics (TVCG).

Fantasia, V., **Markant, D.,** Valeri, G., Perry, N., & Ruggeri, A. (2020). Memory enhancements from active control of learning in children with Autism Spectrum Disorder. *Autism.* doi: 10.1177/1362361320931244

Markant, D. (2020). Active transitive inference: When learner control facilitates integrative encoding. *Cognition 200.* doi: 10.1016/j.cognition.2020.104188

Ruggeri, A., **Markant, D.**, Gureckis, T. M., & Xu, F. (2019). Memory enhancements from active control of learning emerge across development. *Cognition* 186, 82–94. doi: 10.1016/j.cognition.2019.01.010

Markant, D. (2018). Effects of biased hypothesis generation on self-directed category learning. *Journal of Experimental Psychology: Learning, Memory, & Cognition.* doi: 10.1037/xlm0000671

Markant, D., Ruggeri, A., Gureckis, T. M., and Xu, F. (2016). Enhanced memory as a common effect of active learning. *Mind, Brain, and Education* 10(3):142–152. doi: 10.1111/mbe.12117

Markant, D., Settles, B. and Gureckis, T.M (2016). Self-directed learning favors local, rather than global, uncertainty. *Cognitive Science 40*(1), 100—120. doi: 10.1111/cogs.12220

Gureckis, T. M., Martin, J., McDonnell, J., Rich, A., **Markant, D.**, Coenen, A., Hamrick, J., Chan, P. (2015). psiTurk: An open-source framework for conducting replicable behavioral experiments online. *Behavior Research Methods.* doi: 10.3758/s13428-015-0642-8

Markant, D., Dubrow, S., Davachi, L., Gureckis, T.M. (2014). Deconstructing the effect of self-directed study on episodic memory. *Memory & Cognition 42*(8), 1211—1224. doi: 10.3758/s13421-014-0435-9
* Awarded the 2014 Psychonomic Society's Clifford T. Morgan Best Article Award for Memory & Cognition

Markant, D. and Gureckis, T.M. (2014). Is it better to select or receive? Learning via active and passive hypothesis testing. *Journal of Experimental Psychology: General 143*(1), 94—122. doi: 10.1037/a0032108

Gureckis, T.M. and **Markant, D.** (2012). Self-directed learning: A cognitive and computational perspective. *Perspectives on Psychological Science, 7*(5), 464—481. doi: 10.1177/1745691612454304

Whitford, T. J., Kubicki, M., Schneiderman, J. S., O'Donnell, L. J., King, R., Alvarado, J. L., Khan, U., **Markant, D.**, Nestor, P. G., Niznikiewicz, M., et al. (2010). Corpus callosum abnormalities and their association with psychotic symptoms in patients with schizophrenia. *Biological Psychiatry, 68*(1):70–77.

Voineskos, A. N., O'Donnell, L. J., Lobaugh, N. J., **Markant, D.**, Ameis, S. H., Niethammer, M., Mulsant, B. H., Pollock, B. G., Kennedy, J. L., Westin, C. F., et al. (2009). Quantitative examination of a novel clustering method using magnetic resonance diffusion tensor tractography. *Neuroimage, 45*(2):370–376.

Rosenberger, G., Kubicki, M., Nestor, P. G., Connor, E., Bushell, G. B., **Markant, D.**, Niznikiewicz, M., Westin, C.-F., Kikinis, R., Saykin, A. J., et al. (2008). Age-related deficits in fronto-temporal connections in schizophrenia: a diffusion tensor imaging study. *Schizophrenia Research, 102*(1):181–188.

Kubicki, M., Styner, M., Bouix, S., Gerig, G., **Markant, D.,** Smith, K., Kikinis, R., McCarley, R., and Shenton, M. (2008). Reduced interhemispheric connectivity in schizophrenia-tractography based segmentation of the corpus callosum. *Schizophrenia Research, 106*(2):125–131.

PEER-REVIEWED CONFERENCE PROCEEDINGS

Markant, D. (2020). Effects of "chained" study on spontaneous relational discovery. In Denison, S., Mack, M., Xu, Yang., and Armstrong, B., editors, *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Markant, D. (2019). Navigating the 'chain of command': Enhanced integrative encoding through active control of study. In Goel, V., Seifert, C., and Freska, C., editors, *Proceedings of the 41st Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Perri, N., Fantasia, V., **Markant, D.**, De Simone, C., Valeri, G, & Ruggeri, A. (2019). Benefits of active control of study in autistic children. In Goel, V., Seifert, C., and Freska, C., editors, *Proceedings of the 41st Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Adams, K., Kachergis, G., and **Markant, D.** (2017). Children's familiarity preference in self-directed study improves recognition memory. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. J. Davelaar (Eds.), *Proceedings of the 39th Annual Conference of the Cognitive Science Society* (pp. 1501–1506). Austin, TX: Cognitive Science Society.

Markant, D. (2016). The impact of biased hypothesis generation on self-directed learning. In Papafragou, A., Grodner, D., Mirman, D., and Trueswell, J. (Eds.) *Proceedings of the 38th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Ruggeri, A., **Markant, D.**, Gureckis, T. M., and Xu, F. (2016). Active control of study leads to improved recognition memory in children. In Papafragou, A., Grodner, D., Mirman, D., and Trueswell, J. (Eds.) *Proceedings of the 38th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Markant, D., Pleskac, T. J., Diederich, A., Pachur, T., and Hertwig, R. (2015). Modeling choice and search in decisions from experience: A sequential sampling approach. In Noelle, D. C., Dale, R., Warlaumont, A. S., Yoshimi, J., Matlock, T., Jennings, C. D., & Maglio, P. P. (Eds.), *Proceedings of the 37th Annual Conference*

of the Cognitive Science Society. Austin, TX: Cognitive Science Society.

Markant, D. and Gureckis, T.M. (2014). A preference for the unpredictable over the informative during self-directed learning. In P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.) *Proceedings of the 36th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

Markant, D. and Gureckis, T.M. (2012). Does the utility of information influence sampling behavior? In Miyake, N., Peebles, D., and Cooper, R., editors, *Proceedings of the 34th Annual Conference of the Cognitive Science Society*, pages 719–724, Austin, TX. Cognitive Science Society.
* Awarded the Cognitive Science Society Computational Modeling Prize for higher-level cognition

Markant, D. and Gureckis, T.M. (2012). One piece at a time: Learning complex rules through self-directed sampling. In Miyake, N., Peebles, D., and Cooper, R., editors, *Proceedings of the 34th Annual Conference of the Cognitive Science Society*, pages 725–730, Austin, TX. Cognitive Science Society.

Markant, D. and Gureckis, T.M. (2010) Category learning through active sampling. In Ohlsson, S. and Catrambone, R., editors, *Proceedings of the 32th Annual Conference of the Cognitive Science Society*, pages 248–253, Austin, TX. Cognitive Science Society.

Gureckis, T.M. and **Markant, D.** (2009) Active learning strategies in a spatial concept learning game. In Taatgen, N., van Rijn, H., Schomaker, L. and Nerbonne, J. (Eds), *Proceedings of the 31st Annual Conference of the Cognitive Science Society* (pp. 3145-3150). Austin, TX: Cognitive Science Society.

BOOK CHAPTERS

Martin, F. & **Markant, D.** (2020). Adaptive learning modules. In M. David & M. Amey (Eds.), *The SAGE encyclopedia of higher education* (Vol. 1, pp. 79-80). Thousand Oaks,, CA: SAGE Publications, Inc. doi: 10.4135/9781529714395.n31

Markant, D. & Hertwig, R. (2019). Rivals in the dark: Trading off environmental and strategic uncertainty. In Pleskac, T., Pachur, T. & Hertwig, R. (Eds), *Taming Uncertainty.* MIT Press.

Wullf, D., **Markant, D.** & Pleskac, T. (2019). Adaptive exploration in decisions from experience. In Pleskac, T., Pachur, T. & Hertwig, R. (Eds), *Taming Uncertainty.* MIT Press.

DISSERTATION

Markant, D. (2014). *Uncertainty sampling: Computational analyses of self-directed exploration and learning* (Doctoral dissertation, New York University). Retrieved from ProQuest Dissertations and Theses.

PROFESSIONAL PRESENTATIONS
Underlined names denote student co-authors.

Markant, D. (2020, July). Effects of "chained" study on spontaneous relational discovery. Talk presented at the 42st Annual Meeting of the Cognitive Science Society (virtual).

Markant, D. (2020, March 21). "Chained study and spontaneous relational discovery." Annual Meeting of North Carolina Cognition Group, Durham, NC, US. (Conference canceled)

Fantasia, V., Ruggeri, A., & **Markant, D.** (December, 2019). "Memory enhancements from active control of learning in children with Autism Spectrum Disorder." Talk presented at the 2019 Annual Meeting of the Italian Association of Cognitive Science (AISC 2019), Rome, Italy.

Wesslen, R., Dou, W., **Markant D.,** & Shaikh, S. (October, 2019). "Human-in-the-loop: Using AI to augment human decision making, not replace it." Bank of America 2019, Data Science & AI Conference, Charlotte, NC.

Markant, D. & Padro, M. (November, 2019). "Using metacognitive support to facilitate active learning in ADHD." Talk to be presented at the Annual Meeting of the Psychonomic Society, Montreal, Canada.

Markant, D. (August, 2019). "Navigating the chain of command: Enhanced integrative encoding through active control of study." Talk presented at the 41st Annual Meeting of the Cognitive Science Society, Montreal, Canada.

Markant, D. (March, 2019). "The emergence of an active learning advantage for episodic memory." Talk presented at the Society for Research in Child Development (SRCD) Annual Meeting, Baltimore, MA.

Markant, D. (May, 2018). "Enhanced memory as a common effect of active learning." Talk presented at the 30th Annual Convention of the Association for Psychological Science, San Francisco, CA.

Markant, D. (August, 2016). "Workshop: Active learning: Cognitive development, education, and computational models." Talk presented at the 38th Annual Meeting of the Cognitive Science Society, Philadelphia, PA.

Markant, D. (May, 2016). "Hypothesis generation sets the stage for self-directed category learning." Talk presented at the International Meeting of the Psychonomic Society, Granada, Spain.

Gureckis, T. M., Chan, P., **Markant, D.**, and Lake, B. (November 2015). "Adaptive teaching: Improving the efficiency of learning through hypothesis-dependent selection of training data." Talk presented at Anuual Meeting of the Psychonomic Society, Chicago, IL, USA.

Markant, D., Pleskac, T. J., Diederich, A., Pachur, T., and Hertwig, R. (August, 2015). "Modeling choice and search in decisions from experience: A sequential sampling approach." Talk presented at the 25th Subjective Probability, Utility, and Decision Making Conference, Budapest, Hungary.

Markant, D., Phillips, N., Kareev, Y., Avrahami, Y., & Hertwig, R. (August, 2015). "Acting fast vs. biding time: Effects of competition on information sampling." Talk presented at the 25th Subjective Probability, Utility, and Decision Making Conference, Budapest, Hungary.

Markant, D., Pleskac, T. J., Diederich, A., Pachur, T., and Hertwig, R. (July, 2015). "Modeling choice and search in decisions from experience: A sequential sampling approach." Talk presented at the Annual Meeting of the Society for Mathematical Psychology, Newport Beach, CA.

Markant, D., Pleskac, T. J., Diederich, A., Pachur, T., and Hertwig, R. (July, 2015). "Modeling choice and search in decisions from experience: A sequential sampling approach." Talk presented at the 37th Annual Meeting of the Cognitive Science Society, Pasadena, CA.

de Leeuw, J.R., Coenen, A., **Markant, D.**, Martin, J.B., McDonnell, J.V., Rich, A.S., Gureckis, T.M. (July, 2014). "Workshop: Online Experiments using jsPsych, psiTurk, and Amazon Mechanical Turk" in P. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.) *Proceedings of the 36th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Markant, D., Gureckis, T.M., Meder, Nelson, J.D., Pirolli, P., and Yu, C. (August, 2013) "Symposium: Informavores: Active information foraging and human cognition" in M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.) *Proceedings of the 35th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Coenen, A., **Markant, D.**, Martin, J.B., McDonnell, J.V. (August, 2013) "Workshop: Using Mechanical Turk and PsiTurk for Dynamic Web Experiments" in M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.) *Proceedings of the 35th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Markant, D. and Gureckis, T. M. (August, 2012). "One piece at a time: Learning complex rules through self-directed sampling." Talk presented at 34th Annual Meeting of the Cognitive Science Society, Sapporo, Japan.

Markant, D. and Gureckis, T. M. (August, 2012). "Does the utility of information influence sampling behavior?" Talk presented at the 34th Annual Meeting of the Cognitive Science Society, Sapporo, Japan.

Markant, D. and Gureckis, T. M. (August, 2010). "Category learning through active sampling." Talk presented at the 32nd Annual Meeting of the Cognitive Science Society, Portland, OR.

Markant, D. and Gureckis, T.M. (August, 2009) "Modes of information search in active learning." Talk presented at MathPsych 2009, Amsterdam, Netherlands.

POSTER PRESENTATIONS
Underlined names denote student co-authors.

Padro, M., Mostafavi, M. and Markant, D. (July, 2020). "Risk preferences and option generation: Do risk-takers generate more risky courses of action?" Poster presented at the 42st Annual Meeting of the Cognitive Science Society (virtual).

Padro, M. and **Markant, D.** (March, 2019). "Navigating the 'chain of command': How working memory impacts active learning. North Carolina Cognition Conference.
* Winner of 1st place in poster competition.

Markant, D. (November, 2018). Enhanced integrative encoding through active control of learning. Poster presented at the Annual Meeting of the Psychonomic Society, New Orleans, LA.

Markant, D., Jones, A., Pachur, T., Gopnik, A., & Ruggeri, A. (July, 2018). Identifying the structure of

hypotheses that guide search during development. Poster presented at the 40th Annual Meeting of the Cognitive Science Society, Madison, WI.

Kachergis, G., Adams, K., **Markant, D.** (August, 2017). "Children's familiarity preference in self-directed study improves recognition memory." Poster presented at the 39th Annual Meeting of the Cognitive Science Society. London, England, UK.

Markant, D., Pleskac, T., Diederich, A., Pachur, T., & Hertwig, R. (November, 2016). "Modeling adaptive exploration in decisions from experience: A sequential sampling approach." Poster presented at the Annual Meeting of the Psychonomic Society, Boston, MA.

Markant, D., Phillips, N., Kareev, Y., Avrahami, Y., & Hertwig, R. (November, 2015). "Acting fast vs. biding time: Effects of competition on information sampling." Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, IL, USA.

Markant, D., Pleskac, T. J., Diederich, A., Pachur, T., and Hertwig, R. (May, 2015). "Modeling choice and search in decisions from experience: A sequential sampling approach." Poster presented at the Workshop on Memory Processes in Judgment and Decision Making, Holstein, Swizerland.

Markant, D., Chan, P., Coenen, A., Martin, J., McDonnell, J., Rich, A. and Gureckis, T. M. (November 2014). "psiTurk: An open-source framework for conducting reproducible behavioral experiments online." Poster presented at the 2014 meeting of the Society for Computers in Psychology, Long Beach, CA, USA.

Chan, P., **Markant, D.,** Lake, B. and Gureckis, T.M. (July 2014). "Adaptive teaching: Improving the efficiency of learning through hypothesis-dependent selection of training data." Poster presented at the 36th Annual Meeting of the Cognitive Science Society, Quebec City, Canada.

Markant, D. and Gureckis, T.M. (August 2013). "Adapting search based on hypothesis space sparsity." Poster presented at the 35th Annual Meeting of the Cognitive Science Society, Berlin, Germany.

Markant, D., Dubrow, S., Davachi, L., Gureckis, T.M. (August 2012). "The role of exploratory decision-making in enhancing episodic memory." Poster presented at the 34th Annual Meeting of the Cognitive Science Society, Sapporo, Japan.

Gureckis, T. M. and **Markant, D.** (November, 2011). "How search in the mind guides search in the world." Poster presented at the Annual Meeting of the Psychonomic Society, Seattle, WA.

Markant, D. and Gureckis, T. M. (August, 2011). "Sampling at the Margins to Learn Perceptual Categories." Poster presented at the 33rd Annual Meeting of the Cognitive Science Society, Boston, MA.

Markant, D. and Gureckis, T. M. (November, 2010). "An Exploration of Active Sampling in Perceptual Classification Tasks." Poster presented at Annual Meeting of the Psychonomic Society, St. Louis, MO.

Markant, D. and Gureckis, T. M. (August, 2010). "Discovering complex categories through active sampling." Poster presented at IEEE International Conference on Development and Learning, Ann Arbor, MI.

Gureckis, T.M. and **Markant, D.** (2009) "Active Learning Strategies in a Spatial Concept Learning Game."

Poster presented at the 31st Annual Conference of the Cognitive Science Society, Amsterdam, Holland.

INVITED TALKS

December, 2019   "A new curriculum on open and transparent practices in Research Methods," with Dr. Alexia Galati. 2019 Winter Meeting of the Charlotte Area Network for the Teaching of Psychology (CANTOP), Charlotte, NC.

October, 2019   "Human-in-the-Loop: Using AI to augment human decision making, not replace it." Panel discussion at 2019 Data Science and AI Conference, Bank of America, Charlotte, NC.

October 2018   "Enhancing memory through active control." University of North Carolina at Greensboro.

November, 2016   "Uncertainty-driven exploration." *Summit on Human Problem Solving and Artificial Intelligence,* Sandjerg, Denmark.

October, 2016   "Constructing rules through active exploration: Evidence from human category learning." *Neurocuriosity 2016: Second Interdisciplinary Symposium on Information-seeking, Curiosity and Attention*, London, UK.

August, 2016   "CHASE-ing the dream: A sequential sampling framework for modeling decisions from experience." *4th Summer School on Decisions from Experience*, Warwick Business School.

April, 2016   "On choosing your own adventure: Effects of active control on learning and memory." Affective Brain Lab, University College London.

November, 2015   "Hypothesis generation sets the stage for self-directed learning." Experimental Psychology Seminar, University College London.

March, 2015   "Acting fast vs. biding time: Exploration in competitive environments." Center for the Study of Rationality, Hebrew University of Jerusalem.

December, 2013   "Bayesian models of self-directed information gathering" (with Todd Gureckis). BBN Workshop on Bayesian Cognitive Modeling for the Intelligence Community, BBN Raytheon.

July, 2013   "What you don't know can help you: Uncertainty-driven sampling during learning." Center for Adaptive Rationality, Max Planck Institute for Human Development.

May, 2013   "Into the unknown: How uncertainty guides active learning." University Seminar Series, Stevens Institute of Technology.

April, 2013   "Decomposing the `active' learner: Effects of self-directed control on learning and memory." Department of Psychological and Brain Sciences, Indiana University.

AWARDS AND HONORS

2019	Catalyst Program Fellow, University of North Carolina at Charlotte
2014	Psychonomic Society Clifford T. Morgan Best Article Award (*Memory & Cognition*)
2013	American Psychological Association Dissertation Research Award
2013	Learning Analytics Summer Institute (LASI), Stanford University
2012	Computational Modeling Prize in Higher-level Cognition for paper presented at the 2012 Meeting of the Cognitive Science Society
2012	Robert J. Glushko and Pamela Samuelson Foundation Student Travel Grant for attendance to the 2012 Meeting of the Cognitive Science Society
2011	Graduate Summer School: "Probabilistic Models of Cognition", Institute of Pure and Applied Mathematics, UCLA
2010	Graduate School of Arts and Sciences Travel Award, NYU
2010	Honorable Mention, NSF Graduate Research Fellowship Program
2008—2013	MacCracken Fellowship, NYU Graduate School of Arts and Sciences

PROFESSIONAL SERVICE

Program committees: Annual Meeting of the Cognitive Science Society (2020)

Ad-hoc journal reviewing: *Annual Meeting of the Cognitive Science Society, Behavior Research Methods, Cognition, Cognitive Psychology, Cognitive Science, Consciousness and Cognition, Cortex, Decision, Developmental Psychology, Journal of Cognition and Development, Journal of Cognitive Psychology, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Human Perception & Performance, Journal of Experimental Psychology: Learning, Nature Machine Intelligence Memory & Cognition, Journal of Mathematical Psychology, Management Science, Memory and Cognition, Open Mind, PLOS Computational Biology, PLOS One, Psychological Science, Psychonomic Bulletin and Review, Topics in Cognitive Science, Trends in Cognitive Science*

Ad-hoc grant reviewing: *National Science Foundation (Decision, Risk, and Management Science), Estonian Research Council*

FUNDING

2020	UNCC Data Science Initiative Seed grant: "Curating Heterogenous, Unstructured Health Data to build Personalized Health Infrastructures and Digital Assistants." (Role: Coinvestigator) — $10,000
2019—2020	UNCC Scholarship of Teaching and Learning (SoTL) grant: "Examining the

impact of open and transparent research practices in an undergraduate research methods course in Psychology" (Role: PI; with Dr. Alexia Galati) — $15,000

2019—2020   UNCC Faculty Research Grant: "Executive functioning and active learning: The effects of impaired cognitive function on self-directed inquiry." (Role: PI) — $8,000

THESIS COMMITTEES

Chair   Meagan Padro: "Using metacognitive guidance to facilitate active learning in ADHD," M.A. (Psychology), primary advisor, completed 2019.

Member   Philip Zendels (Ph. D. Health Psychology, ongoing)
                   Alireza Karduni (Ph. D. Computer Science, ongoing)
                   Ryan Wesslen (Ph. D. Computer Science, ongoing)
                   Lauren Johnson (M.A. Electrical Engineering, completed 2019)

TEACHING

Fall 2019   *Introduction to Cognitive Science* (graduate, UNCC)
                   Research Methodology II (undergraduate, UNCC)

Spring 2019   *Psychology of Learning and Memory* (undergraduate, UNCC)

Fall 2018   *Introduction to Cognitive Science* (graduate, UNCC)
                   Research Methodology II (undergraduate, UNCC)

Spring 2018   *Introduction to Cognitive Science* (graduate, UNCC)
                   Research Methodology II (undergraduate, UNCC)

Fall 2017   *Research Methodology II* (undergraduate, UNCC)

Pre-2017   Teaching Assistant, *fMRI Lab*, Fall 2013 (graduate, NYU)
                   Instructor, *Cognition*, Summer 2012 (undergraduate, NYU)
                   Teaching Assistant, *Cognition*, Fall 2010 (undergraduate, NYU)
                   Teaching Assistant, *Abnormal Psychology,* Summer 2010 (undergraduate, NYU)
                   Teaching Assistant, *Lab in Human Cognition*, Spring 2009 (undergraduate, NYU)