

Timothy John Vickery

Curriculum Vitae

Contact information:

University of Delaware
Department of Psychology
108 Wolf Hall
Newark, DE 19176

lab phone: 302 831 1511
email: tvickery@udel.edu

Positions

- 2019-Present Associate Professor, University of Delaware, Psychological and Brain Sciences
- 2012-2019 Assistant Professor, University of Delaware, Psychological and Brain Sciences
- 2008-2012 Postdoctoral associate, Yale University, Psychology
Advisor: Marvin Chun
- 2003-2008 Graduate Student (NSF Fellowship), Harvard University, Psychology
Advisor: Yuhong Jiang
- 2002-2003 Research computer programmer, Vanderbilt University
(labs of Thomas Palmeri, Isabel Guathier, and Randolph Blake)

Education

- 2005-2008 Harvard University Ph.D. in psychology
- 2003-2005 Harvard University M.A. in psychology
- 1998-2002 Vanderbilt University B.S. in computer science and psychology
Graduated *summa cum laude*

Funding

Current

- Title:* RII Track-2 FEC: Neural networks underlying the integration of knowledge and perception.
- Funding Source:* National Science Foundation
- Award #:* OIA 1632849
- Role:* Co-Principal Investigator (PI: Jared Medina)
- Grant Period:* 9/1/2016 - 8/31/2022 (estimated)
- Total Funding:* \$6,000,000 (across 3 institutions)

Completed

Title: Center for Energy-Efficient Sociotechnical Systems
Funding Sources: Delaware Energy Institute (seed grant)
Role: Co-PI (PI: Andreas Malikopoulos)
Grant Period: 2/1/2019 – 1/31/2021
Total Funding: \$208,171

Title: Reinforcement learning in the human brain: Dimensions, features, and contexts
Funding Source: National Science Foundation
Award #: BCS 1558535
Role: Principal investigator
Grant Period: 3/15/2016 - 2/28/2020
Total Funding: \$449,999 (additional REU supplement of \$8000 awarded in 2017)

Title: The neural basis of reward learning
Funding Source: University of Delaware Research Foundation
PI: Timothy J. Vickery
Grant Period: 6/1/2014 – 5/31/2016
Total Funding: \$35,000

Honors and Awards

- 2009 Attention, Perception, & Psychophysics' "Best Article of 2009" award
- 2008 European Conference for Visual Perception Student Travel Award
- 2007 Summer Institute of Cognitive Neuroscience Fellowship, UCSB
- 2007 Vision Sciences Society Student Travel Award
- 2005 Cognitive Science Society Student Travel Award
- 2003 National Science Foundation Graduate Research Fellowship (taken 2005-2008)
- 2002 Program in Computer Science Award, Vanderbilt School of Engineering (awarded to one graduating senior in the major)
- 1998 National Merit Scholarship

Publications

Rogers, L.R., Park, S.H., & Vickery, T.J. (2021). Visual Statistical Learning is Modulated by Arbitrary and Natural Categories. *Psychonomic Bulletin & Review* <https://doi.org/10.31234/osf.io/9ca28> Preprint available at PsyArXiv

Park, S.H., Rogers, L.R., Johnson, M.R., & Vickery, T.J. (2021). Reward impacts visual statistical learning. *Cognitive, Affective, and Behavioral Neuroscience*. <https://doi.org/10.1101/2020.04.04.025668> Preprint available at bioRxiv

Zosky, J.E., Vickery, T.J., Walter, K.A., & Dodd, M.D. (2020). Object-based warping in three-dimensional environments. *Journal of Vision*, 20(6): 16-16.

Beck, V.M., & Vickery, T.J. (2020). Oculomotor capture reveals trial-by-trial neural correlates of attentional guidance by contents of visual working memory. *Cortex*, 122: 159-169.

Lim, P.C., Ward, E.J., Vickery, T.J., & Johnson, M.R. (2019). Not-so-working memory: Drift in function magnetic resonance imaging pattern representations during maintenance predicts errors in a visual working memory task. *Journal of Cognitive Neuroscience*, 31(10): 1520-1534.

Beck, V.M., & Vickery, T.J. (2019). Multiple states in visual working memory: Evidence from oculomotor capture by memory-matching distractors. *Psychonomic Bulletin & Review*, 26(4): 1340-1346.

Richler, J.J., Tomarken, A.J., Sunday, M.A., Vickery, T.J., Ryan, K.F., Flyod, R.J., Sheinberg, D., Wong, A.C.-N., & Gauthier, I. (2019). Individual differences in object recognition. *Psychological Review*, 126(2): 226-251.

Vickery, T.J., Park, S.H., Gupta, J., & Berryhill, M.E. (2018). Tasks determine what is learned in visual statistical learning. *Psychonomic Bulletin & Review*, 25(5): 1847-1854.

Cerreta, A.G.B., Vickery, T.J., & Berryhill, M.E. (2018). Visual statistical learning deficits in memory-impaired individuals. *Neurocase*, 24(5-6): 259-265.

Park, S.H., Rogers, L.L., & Vickery, T.J. (2018). The roles of order, distance, and interstitial items in temporal visual statistical learning. *Attention, Perception, & Psychophysics*, 80(6): 1409-1419.

Wade, G.L., & Vickery, T.J. (2018). Target self-relevance speeds visual search responses but does not improve search efficiency. *Visual Cognition*, 26(8): 563-582.

Gawrysiak, M.J., Jagannathan, K., Regier, P., Suh, J.J., Kampman, K., Vickery, T., Childress, A.R. (2017). Unseen scars: Cocaine patients with prior trauma evidence heightened resting state functional connectivity (RSFC) between the amygdala and limbic-striatal regions. *Drug and Alcohol Dependence*, 180: 363-370.

Wade, G.L., & Vickery, T.J. (2017). Self-relevance effects and label choice: Strong variations in label-matching performance due to non-self-relevant factors. *Attention, Perception, & Psychophysics*, 79(5): 1524-1534.

Angelides, N.H., Gupta, J., & Vickery, T.J. (2017). Associating resting-state connectivity with trait impulsivity. *Social Cognitive and Affective Neuroscience*, 12(6): 1001-1008.

Rogers, L.L., Friedman, K.G., & Vickery, T.J. (2016). No apparent influence of reward upon visual statistical learning. *Frontiers in Psychology*, 7: 1687.

Vickery, T.J., Kleinman, M.R., Chun, M.M., & Lee, D. (2015). Opponent identity influences value learning in simple games. *Journal of Neuroscience*, 35(31): 11133-43.

Cartmell, S.C., Chun, M.M., & Vickery, T.J. (2013). Neural antecedents of social decision making in a partner choice task. *Social, Cognitive, and Affective Neuroscience*. 9(11): 1722-9.

Bukach, C.M., Vickery, T.J., Kinda, D., & Gauthier, I. (2012). Training experts: Individuation without naming is worth it. *Journal of Experimental Psychology: Human Perception and Performance*, 38(1): 14-17.

Vickery, T.J., Chun, M.M., & Lee, D. (2011). Ubiquity and specificity of reinforcement signals throughout the human brain. *Neuron*, 72(1): 166-177.

Vickery, T.J., & Chun, M.M. (2010). Object-based warping: An illusory distortion of space within objects. *Psychological Science*. 21(12):1759-64.

Vickery, T.J., Sussman, R.S., & Jiang, Y.V. (2010). Spatial context learning survives interference from working memory load. *Journal of Experimental Psychology: Human Perception and Performance*, 36(6): 1358-71.

Shim, W.M., Alvarez, G.A., Vickery, T.J., & Jiang, Y.V. (2010). The number of attentional foci and their position are dissociated in the posterior parietal cortex. *Cerebral Cortex*. 20(6): 1341-1349.

Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., & Luedeman, R. (2009). Supercrowding: Weakly masking a target expands the range of crowding. *Journal of Vision*, 9(2):12, 1-15.

Vickery, T.J., & Jiang, Y.V. (2009). Associative grouping: Perceptual grouping of shapes by association. *Attention, Perception, & Psychophysics*, 71(4): 869-909. [Selected as AP&P's "Best Article of 2009 Award", Psychonomic Society]

Vickery, T.J., & Jiang, Y.V. (2009). Inferior parietal lobule supports decision-making under uncertainty in humans. *Cerebral Cortex*, 19(4): 916-925.

Vickery T.J. (2008). Induced perceptual grouping. *Psychological Science*. 19(7): 693-701.

Vickery T.J., King L.-W., & Jiang Y. (2005). Setting up the target template in visual search. *Journal Of Vision*, 5(1), 81-92.

Jiang, Y., Kumar A., & Vickery T.J. (2005). Integrating visual arrays in visual-short term memory. *Experimental Psychology*, 52, 39-46.

Refereed conference papers

Vickery, T.J., & Chun, M.M. (2009). The perception of space is warped by objects. *Proceedings of the Object Perception, Attention, and Memory Conference*, published in *Visual Cognition*.

Vickery, T.J., Hartshorne, J.H., Jiang, Y.V. (2007). Learning to form new perceptual groups. *Proceedings of the Object Perception, Attention, and Memory Conference*, published in *Visual Cognition*.

Vickery, T.J. (2005), Opponent models and heuristic strategies for simple games. *Proceedings of the Twenty-Seventh Annual Conference of the Cognitive Science Society*.

Invited talks

2020, January	Capital Area Cognition, Attention, and Perception Conference (CAP ²) <i>George Washington University</i>
2019, December	Cognitive Brown Bag, Dept. of Psychology <i>Villanova University</i>
2017, Spring	Colloquium, Dept. of Psychology <i>University of Nevada-Reno</i>
2016, Spring	Cognitive Brown Bag, Dept. of Psychology <i>Princeton University</i>
2016, Spring	Cognitive Brown Bag, Dept. of Psychology <i>Temple University</i>
2015, Fall	Vision Seminar <i>Johns Hopkins University</i>
2015, Spring	Psychology Department Colloquium <i>Lehigh University</i>
2015, Spring	Cognition and Perception Seminar <i>New York University</i>
2012, February	Psychology Department Colloquium <i>Stanford University</i>
2012, January	Current Works in Cognitive Science Seminar, Yale Psych. <i>Yale University, New Haven, CT</i>
2012, January	Psychology Department Colloquium <i>Georgetown University</i>
2011, December	Psychology Department Colloquium <i>University of South Carolina</i>
2011, December	Psychology Department Colloquium <i>University of Delaware</i>

- 2011, July Interdisciplinary Meeting on Learning in Game Theoretic Settings
Rutgers University, NJ
- 2011, April Cognitive Brown Bag Seminar, Dartmouth Psych.
Dartmouth University, NH
- 2011, April BCS Vision Seminar, MIT BCS
MIT, Cambridge, MA
- 2009, February Current Works in Cognitive Science Seminar, Yale Psych.
Yale University, New Haven, CT
- 2008, August School of Psychology & Education
University of Liège, Liège, Belgium
- 2007, December Cognition, Brain, & Behavior Research Seminar, Harvard Psych.
Harvard University, Cambridge, MA
- 2006, April Cognition, Brain, & Behavior Research Seminar, Harvard Psych.
Harvard University, Cambridge, MA

Symposia

Vickery, T.J. (2010). Weak target masks and distant flankers interact to produce a catastrophic supercrowding effect. *Invited talk for symposium on crowding for the Association for the Scientific Study of Consciousness, Toronto.*

Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (2008). Breaking the bound: Weakly masking a target greatly enhances crowding. *Invited talk for symposium on crowding at European Conference for Visual Perception, Utrecht.*

Conference abstracts

Gennadiy, G., Vickery, T.J., & Greenberg, A.S. (2020). Exploring the neural correlates of object-based warping of visual space. *Poster at BMES 2020 Virtual Annual Meeting.*

Vickery, T.J., Lebed, A., Loya, J. (2020). Classifying perceptual grouping cues using interindividual differences. *Talk at Virtual Vision Sciences Society, 2020.*

Gennadiy, G., Vickery, T.J., & Greenberg, A.S. (2020). Visuospatial object-based warping is detectable in early visual cortex. *Poster at Virtual Vision Sciences Society, 2020.*

Park, S.H., Rogers, L.L., & Vickery, T.J. (2020). Reward refreshes memory: the retroactive effect of incidental statistical learning. *Talk at Virtual Vision Sciences Society, 2020.*

Rogers, L.L., Park, S.H., & Vickery, T.J. (2020). Behavioral and neural evidence that visual statistical learning is shaped by task demands and categories. *Poster at Virtual Vision Sciences Society 2020.*

Vickery, T.J., Lebed, A., Loya, J. (2019). Interindividual differences in configural phenomena may help us understand the underlying mechanisms. *Talk at Configural processing consortium 2019*.

Vickery, T.J., Rogers, L.L., Park, S.H. (2019). Incidental visual statistical learning is influenced by other forms of learning. *Talk at Psychonomic Society 2019*.

McCarter, A.C., Vickery, T.J. (2019). Tracking the value of a location-varying feature depends on working memory resources. *Poster at Psychonomic Society 2019*.

Rogers, L.L., Park, S.H., Vickery, T.J. (2019). Modulation of visual statistical learning by natural and artificial categories. *Talk at Object Perception, Attention, and Memory 2019*.

Park, S.H., Rogers, L.L., Vickery, T.J. (2019). Neural evidence that reward alters visual statistical learning. *Poster at Society for Neuroscience 2019*.

Rogers, L.L., Park, S.H., Vickery, T.J. (2019). Neural and behavioral signatures of visual statistical learning are shaped by tasks and categories. *Poster at Society for Neuroscience 2019*.

Gurariy, G., Vickery, T.J., & Greenberg, A.S. (2019). Evidence of object-based warping in early visual cortex. *Poster at Society for Neuroscience 2019*.

Rogers, L.L., Park, S.H., Vickery, T.J. (2019). Arbitrary groupings modulate visual statistical learning. *Poster at Vision Sciences Society 2019*.

Wade, G.L., Vickery, T.J. (2019). Visual statistical regularities aid visual working memory of objects in a task-dependent manner. *Poster at Vision Sciences Society 2019*.

Vickery, T.J., Park, S.H., Berryhill, M., & Beck, V.M. (2018). Task-relevant category differences strongly influence temporal visual statistical learning. *Talk given at Psychonomic Society 2018*.

Park, S.H., Rogers, L.L., Vickery, T.J. (2018). Reward learning interacts with visual statistical learning. *Poster at Psychonomic Society 2018*.

Zosky, J.E., Vickery, T.J., Dodd, M.D. (2018). Examining perceptual warping in virtual reality. *Poster given at Psychonomic Society 2018*.

Vickery, T.J., Park, S.H., Berryhill, M., & Beck, V.M. (2018). Task-relevant category differences strongly influence temporal visual statistical learning. *Poster at Vision Sciences Society 2018*.

Walter, K., Wade, G., & Vickery, T.J. (2018). Object-based warping: Exploring links to attention. *Poster at Vision Sciences Society 2018*.

- Lim, P., Ward, E., Vickery, T.J., Johnson, M.R. (2018). Drift in fMRI pattern representations during the delay interval predicts performance in a visual working memory task. *Talk at Vision Sciences Society 2018*.
- Beck, V., & Vickery, T.J. (2018). Reduced oculomotor capture by working memory contents under two- vs. one-item memory load suggests one item at a time is held in an active state. *Poster at Vision Sciences Society 2018*.
- Chang, K., Rogers, L., & Vickery, T.J. (2018). Temporal visual statistical learning is enhanced by increasing working memory demands related to sequence members. *Poster at Vision Sciences Society 2018*.
- Park, S.H., Rogers, L., & Vickery, T. (2018). How abstract are the representations derived from visual statistical learning? *Poster at Vision Sciences Society 2018*.
- Zosky, J., Thayer, E., Vickery, T., & Dodd, M. (2018). Give me a hand: Investigating the role of visual and response modalities on object-based warping using VR technology. *Poster at Vision Sciences Society 2018*.
- Beck, V., & Vickery, T.J. (2017). Oculomotor capture reveals trial-by-trial neural correlates of attentional guidance by contents of visual working memory. *Society for Neuroscience 2017*.
- Vickery, T.J., Zhong, X., & Beck, V.M. (2017). Learning where to move your eyes is easier than learning which direction to move your eyes when shapes predict responses. *Psychonomic Society 2017 (talk)*.
- Park, S.H., & Vickery, T.J. (2017). Shape sequences are learned as an abstract “chunk” in visual statistical learning. *Psychonomic Society 2017*.
- Wade, G.L., & Vickery, T.J. (2017). Self-relevance speeds visual search responses, but does not improve efficiency. *Object Perception, Attention, and Memory 2017*.
- Berryhill, M., Cerreta, A., Vickery, T.J. (2017). Evidence of limited cross-category visual statistical learning in amnesia. *Vision Sciences Society 2017*.
- Rogers, L., Fairchild, S., Papafragou, A., & Vickery, T.J. (2017). Automaticity and specificity of attentional capture by language. *Vision Sciences Society 2017*.
- Park, S.H., Berryhill, M., Gupta, J., & Vickery, T.J. (2017). Visual statistical learning faces interference from response and executive demands. *Vision Sciences Society 2017*.
- Wade, G., & Vickery, T.J. (2017). Target self-relevance enhances visual search efficiency. *Vision Sciences Society 2017*.

Beinhart, C., Vickery, T.J. (2016). Learning to learn: Contextual cueing is enhanced by prior exposure to regularities in search configurations. *Object Perception, Attention, and Memory 2016*.

Rogers, L.L., & Vickery, T.J. (2016). Response interference due to novelty association. *Object Perception, Attention, and Memory 2016*.

Wade, G., & Vickery, T.J. (2016). Target self-relevance speeds search, but does not alter search efficiency. *Object Perception, Attention, and Memory 2016*.

Park, S.H., Vickery, T.J. (2016). Social contexts modulate the effects of valued outcomes on decision-making. *Psychonomic Society 2016*.

Vickery, T.J. (2016). Extraneous associations influence human choices during reinforcement learning tasks. *Psychonomic Society 2016*.

Vickery, T.J. (2016). Value associations of irrelevant visual features are neurally tracked during reward-based decision-making. *Vision Sciences Society 2016*.

Wade, G., Vickery, T.J. (2016). Exploring the limits of the “self-relevance” effect on performance. *Vision Sciences Society 2016*.

Friedman, K., Vickery, T.J. (2015). Does reward influence visual statistical learning? *Vision Sciences Society 2015*.

Vickery, T.J., Friedman, K. (2015). Generalization of value to visual statistical associates during reinforcement learning. *Vision Sciences Society, 2015*.

Vickery, T.J., Friedman, K., Bristol, R. (2015). Task irrelevant feature-value associations elicit neural reward prediction error signals. *Cognitive Neuroscience Society 2015*.

Angelides, N., Gupta, J, Vickery, T.J. (2015). Individual reward responsiveness predicted by resting-state connectivity of basal ganglia and orbitofrontal cortex. *Cognitive Neuroscience Society 2015*.

Bristol, R., Angelides, N., Vickery, T.J. (2014). Interactions between visual working memory and verbal feature descriptions. *Object Perception, Attention, and Memory 2014/*

Moyer, J., Vickery, T.J. (2014). Interference from an integral feature in visual statistical summary representations. *Vision Sciences Society 2014*.

Vickery, T.J., Friedman, K., Bristol, R. (2014). Unreliable associations between visual features and values interfere with reward-based decision-making. *Vision Sciences Society 2014*.

- Vickery, T.J. (2013). Irrelevant feature-value associations intrude on reward-based decision-making. *Psychonomic Society 2013*.
- Vickery, T.J., Kuhl, B., Chun, M.M. (2012). Visual cortex supports temporally specific working memory representations. *Society for Neuroscience 2012*.
- Vickery, T.J., Kuhl, B., Chun, M.M. (2012). Temporally specific visual working memory representations revealed by multivoxel pattern analysis. *Vision Sciences Society 2012*.
- Vickery, T.J., Kleinman, M.R., Zhang, Z., Lee, D., and Chun, M.M. (2011). Cortical, but not subcortical, representations of outcomes are context-specific in competitive games. *Society for Neuroscience 2011*.
- Vickery, T.J., Kleinman, M.R., Zhang, Z., Lee, D., and Chun, M.M. (2011). Cortical, but not subcortical, representations of outcomes are context-specific in competitive games. *Psychonomic Society 2011*.
- Vickery, T.J., and Chun, M.M. (2011). Object-based warping: Distribution of distortions over an object's surface and independence of shape. *Vision Sciences Society 2011*.
- Vickery, T.J., Kleinman, M.R., Lee, D., and Chun, M.M. (2010). Neural pattern classification reveals trial-specific outcomes in a simple game. *Psychonomic Society, 2010*.
- Albrecht, A.R., Nguyen-Phun, A., Vickery, T., and Chun, M.M. (2010). Neural correlates of average size processing. *Society for Neuroscience 2010*.
- Vickery, T.J., Kleinman, M.R., Lee, D., and Chun, M.M. (2010). Neural pattern classification reveals trial-specific outcomes in a simple game. *Society for Neuroscience, 2010*.
- Vickery, T.J., and Chun, M.M. (2010). Warped spatial perception within and near objects. *Vision Sciences Society, 2010*.
- Vickery, T.J., and Chun, M.M. (2009). Basic visual representations are altered by rewards. *Vision Sciences Society 2009*.
- Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (2008). Supercrowding: Weakly masking a target greatly enhances crowding. *Vision Sciences Society 2008*.
- Jiang, Y.V., Vickery, T.J. (2007). Neural differentiation of the sources of uncertainty in decision-making tasks. *Society for Neuroscience 2007*.
- Vickery, T.J., Shim, W.M., Chakravarthi, R., Jiang, Y.V., and Luedeman, R.L. (2007). Enclosure of a target enhances crowding. *Society for Neuroscience 2007*.

- Vickery, T.J., Jiang, Y.V. (2007). Second-order perceptual grouping. *Vision Sciences Society 2007*.
- Hartshorne, J.H., Vickery, T.J., Jiang, Y.V. (2007). Dissociation between categorization and search. *Vision Sciences Society 2007*.
- Vickery, T.J., Jiang, Y.V. (2006). Neural dissociation of attention and decision-making under uncertainty. *Psychonomics Society 2006*.
- Vickery, T.J., Jiang, Y.V. (2006). Inferior parietal lobule supports decision-making under uncertainty. *Society for Neuroscience 2006*.
- Matthews, C., Eng, H., Vickery, T.J., Shim, W.M., Jiang, Y.V. (2006). Learning of arbitrary visual associations by trial-and-error," *Vision Sciences 2006*.
- Vickery, T. J., Sussman, R.S., Jiang, Y.V. (2006). Selective attention and general attentional resources in the learning of spatial context. *Vision Sciences 2006*.
- Shim, W.M., Alvarez, G.A., Vickery, T.J., Jiang, Y.V. (2006) Effects of spatial and nonspatial attentional load on posterior parietal cortex. *Vision Sciences 2006*.
- Vickery, T.J., Jiang, Y. (2005). Attention and competitive decision making, *Vision Sciences 2005*.
- Vickery, T.J., Jiang, Y. (2004). Setting up the target template in visual search. *Psychonomics Society 2004*.
- Vickery, T.J., Jiang, Y. (2004) Perceptual set switching: How are target templates changed in visual tasks? *Vision Sciences 2004*.
- Kumar, A., Vickery, T.J., Jiang, Y. (2004). Integrating sequential arrays in visual short-term memory. *Vision Sciences 2004*.
- Vickery, T.J., Gauthier, I. (2003). Keeping a straight face: configural processing and the aperture capture illusion. *Vision Sciences 2003*.

Advising

Doctoral Advisor, Department of Psychological and Brain Sciences, University of Delaware:

Su Hyoun Park (Fall 2015-Summer 2020).

Currently: Postdoctoral scholar at Duke University Medical School

Leeland Rogers (Fall 2015-present)

Gregory Wade (Fall 2015-present)

Anton Lebed (Fall 2017-present, co-advisor w/ Dr. Keith Schneider)

Augustus Baker (Fall 2017-present, co-advisor w/ Dr. James Hoffman)
Jesse Moyer (Fall 2013-Summer 2014)

4+1 Masters Degree in Neuroscience Advisor, Department of Psychological and Brain Sciences, University of Delaware:

Anna McCarter (Fall 2020-present)

Honors Thesis Primary Advisor, Department of Psychology, University of Delaware:

Sarah Sweigart (Fall 2013-Spring 2016, graduated with honors)

Kenjin Chang (Fall 2016-Spring 2018, graduated with honors)

Kerri Walter (Fall 2017-Spring 2019, graduated with honors)

Anna McCarter (Spring 2018-Spring 2020, graduated with honors and transitioned to 4+1 MA degree)

Non-Honors Undergraduate Research Supervisor. Department of Psychology, University of Delaware:

Jason Rubinstein (Fall 2012-Spring 2014); Jamie Williams (Fall 2012-Fall 2013); Eric Kyle Friedman (Spring 2013-Spring 2015); Eric Landsberg (Fall 2013); Jayesh Gupta (Spring 2014-Fall 2016); Jared Beneroff (Fall 2014-Spring 2015); Corey Beinhart (Fall 2014-Summer 2017); Marisa Chamness (Spring 2015); Jasmine Hill (Spring 2015-Fall 2015); Adrienne Kim (Summer 2016); Xiixin Zhong (Fall 2015-Fall 2017); Jihad Holmes (Summer 2017-Spring 2018); Samantha Rodriguez (Summer 2017-Fall 2017); Brandon Canty (Summer 2018); Jordyn Loya (Fall 2019-Spring 2020); Samuel Dzik (Summer 2019-Fall 2020); Joel Lobban (Summer 2019-Fall 2020); Annabelle Goetter (Fall 2020-present); JT Murphy (Spring 2021-present).

Dissertation committees (member)

Adam Stivers (UD; completed Summer 2016)

Zachary Infantolino (UD; completed Summer 2016)

Annie Tran (UD; completed Summer 2017)

Adam Magerman (UD; completed Summer 2019)

Yuqi Liu (UD; completed Fall 2019)

Adelle G.B. Cerreta (U. of Nevada-Reno; completed Spring 2020)

Rachel Amey (UD; completed Summer 2020)

Ioannis Vasileios (UD – Mech Eng; on-going)

Irem Yildirim (UD; on-going)

Minwoo Kim (UD; on-going)

Masters committees (member)

Rita Patel (UD; completed Spring 2020)

Honors committees (member)

Catherine Nadar (UD; completed Spring 2019)

Alison Lobo (UD; expected Spring 2021)

Teaching Experience

S2021, University of Delaware, Instructor, PSY310 Sensation & Perception (2 sections)
F2020, University of Delaware, Instructor, PSY860 Psychological Statistics (grad-level)
S2020, University of Delaware, Instructor, PSY667 Cognitive Neuroimaging
S2020, University of Delaware, Instructor, PSY310 Sensation & Perception
W2020, University of Delaware, Instructor, PSY310 Sensation & Perception
F2019, University of Delaware, Instructor, PSY860 Psychological Statistics (grad-level)
S2019, University of Delaware, Instructor, PSY310 Sensation & Perception (2 sections)
F2018, University of Delaware, Instructor, PSY860 Psychological Statistics (grad-level)
S2018, University of Delaware, Instructor, PSY310 Sensation & Perception
F2017, University of Delaware, Instructor, PSY310 Sensation & Perception (2 sections)
S2017, University of Delaware, Instructor, PSY667 Cognitive Neuroimaging
S2017, University of Delaware, Instructor, PSY310 Sensation & Perception
S2016, University of Delaware, Instructor, PSY310 Sensation & Perception
F2015, University of Delaware, Instructor, PSY/NSCI 467 Psych. of Decision-Making
F2015, University of Delaware, Instructor, PSY310 Sensation & Perception
S2015, University of Delaware, Instructor, PSY310 Sensation & Perception
F2014 University of Delaware, Instructor, PSY465 Psychology of Decision-Making
F2014 University of Delaware, Instructor, PSY310 Sensation & Perception
S2014 University of Delaware, Instructor, PSY310 Sensation & Perception
F2013 University of Delaware, Instructor, PSY667/NSCI667, Cognitive Neuroimaging
S2013 University of Delaware, Instructor, PSY310 Sensation & Perception
F2012 University of Delaware, Instructor, PSYC207 Research Methods
F2005 Harvard, Head Teaching Fellow, Vision and Brain
F2004 Harvard, Teaching Fellow, Statistical methods for psychology (Grad-level)

Departmental and University Service

2020-present	Faculty Senator for Psychological and Brain Sciences, University of Delaware
2020-present	Member, Diversity Committee, University of Delaware Department of Psychological and Brain Sciences
2016-present	MRI Executive Committee (Center for Biomedical and Brain Imaging, University of Delaware)
2018-2019	Member, Behavioral Neuroscience Search Committee (small animal MRI), University of Delaware
2014-2015	Member, University of Delaware Director of Multimodal Imaging Center Search Committee
2013-2016	University of Delaware MRI Task Force
2012-present	Coordinator, Cognitive Area Brown Bag Series, U. of Delaware
Fall 2013	Member, Social Psychology Faculty Search Committee, University of Delaware

Professional and Editorial Service

2020-Present	Consulting Editor (masthead reviewer), <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i>
2017-Present	Associate Editor (masthead reviewer), <i>The Journal of Neuroscience</i> .
2012-Present	Consulting editor (masthead reviewer), <i>Journal of Experimental Psychology: General</i>
2013-Present	Treasurer of Object Perception, Attention, and Memory Conference
2015, 2016, 2017	Grant Panelist, National Science Foundation
2010-2012	Co-organizer of Object Perception, Attention, and Memory Conference

Ad hoc reviewing

Applied Cognitive Psychology
 Attention, Perception, & Psychophysics
 Cerebral Cortex
 Cognition
 Cognitive Psychology
 Cognitive Science Society
 eLife
 Emotion
 Experimental Brain Research
 Experimental Psychology
 Frontiers in Neuroscience
 Human Brain Mapping
 Journal of Cognitive Neuroscience
 Journal of Experimental Child Psychology
 Journal of Experimental Psychology: General
 Journal of Experimental Psychology: Human Perception and Performance
 Journal of Experimental Psychology: Learning, Memory. And Cognition
 Journal of Neuroscience
 Journal of Vision
 Learning and Individual Differences
 Memory & Cognition
 National Science Foundation (ad hoc panelist and reviewer)
 Neuroimage
 Neuron
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