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ACADEMIC APPOINTMENTS

2019–	Assistant Professor Member	Department of Psychology, The University of Chicago University of Chicago Neuroscience Institute Committee on Computational Neuroscience Committee on Neurobiology
2017–19	Postdoctoral Fellow	Department of Psychology, Yale University

EDUCATION

2017	Ph.D. with distinction	Yale University, New Haven, CT Psychology (Cognitive Neuroscience)
2015	M.S., M.Phil.	Yale University, New Haven, CT Psychology (Cognitive Neuroscience)
2010	Sc.B. with honors	Brown University, Providence, RI Cognitive Neuroscience

HONORS AND AWARDS

2022	<i>Sloan Research Fellowship in Neuroscience</i> , Alfred P. Sloan Foundation
2021	<i>Rising Star Award</i> , Association for Psychological Science
2017	<i>Trainee Professional Development Award</i> , Society for Neuroscience
2017–18	<i>Theresa Seessel Postdoctoral Fellowship</i> , Yale University
2017	<i>30 Under 30: Science</i> , Forbes
2016	<i>Dissertation Research Award</i> , American Psychological Association
2016	<i>Best Talk Award</i> , Object Perception, Attention, & Memory meeting, Boston, MA
2016	<i>Brains, Minds, & Machines Workshop Fellowship</i> , Marine Biology Laboratory
2014–17	<i>Graduate Research Fellowship</i> , National Science Foundation
2010	<i>Phi Beta Kappa</i> , Brown University

PUBLICATIONS ([Google Scholar](#))

*primary trainee, †trainee collaborator

Meredith W. J.*, Cardenas-Iniguez C.†, Berman M. G., **Rosenberg M. D.** (in press). Effects of the physical and social environment on youth cognitive performance. *Developmental Psychobiology*.

Yoo, K., **Rosenberg, M. D.**, Kwon, Y. H., Lin, Q., Avery, E. W., Scheinost, D., Constable, R. T., Chun, M. M. (2022). A brain-based general measure of attention. *Nature Human Behaviour*.

Chen, Y.-C., Chang, A., **Rosenberg, M. D.**, Feng, D., Scholl, B. J., Trainor, L. J. (2022). “Taste typicality” is a foundational and multi-modal dimension of ordinary aesthetic experience. *Current Biology*.

Ip, K. I., Sisk, L. M., Horien, C., Conley, M. I., Rapuano, K. M., **Rosenberg, M. D.**, Greene, A. S., Scheinost, D., Constable, R. T., Casey, B. J., Baskin-Sommers, A., Gee, D. G. (2022). Associations among household and neighborhood socioeconomic disadvantages, resting-state frontoamygdala connectivity, and internalizing symptoms in youth. *Journal of Cognitive Neuroscience*, 1–32.

Kaplan, S., Meyer, D., Miranda-Dominguez, O., Perrone, A., Earl, E., Alexopoulos, D., Barch, D. M., Day, T. K. M., Dust, J., Eggebrecht, A. T., Feczko, E., Kardan, O., Kenley, J. K., Rogers, C. E., Wheelock, M. D., Yacoub, E., **Rosenberg, M. D.**, Elison, J. T., Fair, D. A., Smyser, C. D. (2022). Filtering respiratory motion artifact from resting state fMRI data in infant and toddler populations. *NeuroImage*, 247: 118838.

Song, H.^{*}, Finn, E. S., **Rosenberg, M. D.** (2021). Neural signatures of attentional engagement during narratives and its consequences for event memory. *Proceedings of the National Academy of Sciences*, 118(33): e2021905118.

Hakim, N.[†], Awh, E., Vogel, E. K., **Rosenberg, M. D.** (2021). Inter-electrode correlations measured with EEG predict individual differences in cognitive ability. *Current Biology*, 31(22): 4998–5008.e6.

Song, H.^{*}, **Rosenberg, M. D.** (2021). Predicting attention across time and contexts with functional brain connectivity. *Current Opinion in Behavioral Sciences*, 40: 30–44.

Finn, E. S., **Rosenberg M.D.** (2021) Beyond fingerprinting: Choosing predictive connectomes over reliable connectomes. *NeuroImage*, 239: 118254.

Yousif, S. R., **Rosenberg, M. D.**, Keil, F. C. (2021). Using space to remember: Short-term spatial structure spontaneously improves working memory. *Cognition*, 214: 104748.

Sanchez-Alonso, S., **Rosenberg, M. D.**, Aslin, R. N. (2021). Functional connectivity patterns predict naturalistic viewing versus rest across development. *NeuroImage*, 229: 117630.

Stark, G. F.[†], Avery, E. W., **Rosenberg, M. D.**, Greene, A. S., Gao, S., Scheinost, D., Constable, R. T., Chun, M. M., Yoo, K. (2021). Using functional connectivity models to characterize relationships between working and episodic memory. *Brain and Behavior*, e02105.

Doss, M. K., Považan, M., **Rosenberg, M. D.**, Sepeda, N. D., Davis, A. K., Finan, P. H., Smith, G. S., Pekar, J. J., Barker, P. B., Griffiths, R. R., Barrett, F. S. (2021). Psilocybin therapy enhances cognitive and neural flexibility in patients with major depressive disorder. *Translational Psychiatry*, 11: 574.

Chaarani, B., Hahn, N., Allgaier, S., Adise, M. M., Owens, A. C. ... ABCD Consortium. (2021). Baseline brain function in the preadolescents of the ABCD Study. *Nature Neuroscience*, 24: 1176–1186.

Li, Y., Thompson, W. K., Reuter, C., Nillom R., Jernigan, ... ABCD Consortium. (2021). Rates of incidental findings in brain magnetic resonance imaging in children. *JAMA Neurology*, 78(5): 578–587.

Rapuano, K. M., **Rosenberg, M. D.**, Maza, M. T., Dennis, N., Dorji, M., Greene, A. S., Horien, C., Scheinost, D., Constable, R. T., Casey, B. J. (2020). Behavioral and brain signatures of substance use vulnerability in childhood. *Developmental Cognitive Neuroscience*, 46: 100878.

Cardenas-Iniguez, C., Moore, T. M., Kaczkurkin, A. N., Meyer, F. A. C., Satterthwaite, T. D., Fair, D. A., White, W., Blok, E., Applegate, B., Thompson, L. M., **Rosenberg, M. D.**, Hedeker, D., Berman, M. G., Lahey, B. B. (in press). Direct and indirect associations of widespread individual differences in brain white matter microstructure with executive functioning and general and specific dimensions of psychopathology in children. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.

Frith, E., Elbich, D. B., Christensen, A. P., **Rosenberg, M. D.**, Chen, Q., Silvia, P. J., Seli, P., Beaty, R. E. (2020). Intelligence and creativity share a common cognitive and neural basis. *Journal of Experimental Psychology: General*, 150(4): 609–632.

Moore, T. M., Kaczkurkin, A. N., Durham, E. L., Jeong, H. J., McDowell, M. G., Dupont, R. M., Applegate, B., Tackett, J. L., Cardenas-Iniguez, C., Kardan, O., Akcelik, G. N., Stier, A. J., **Rosenberg, M. D.**, Hedeker, D., Berman, M. G., Lahey, B. B. (2020). Criterion validity and relationships between alternative hierarchical dimensional models of general and specific psychopathology. *Journal of Abnormal Psychology*, 129(7): 677–688.

Conley, M. I.[†], Hindley, I.[†], Baskin-Sommers, A., Gee, D. G., Casey, B. J., **Rosenberg, M. D.** (2020). The importance of social factors in the association between physical activity and depression in children. *Child and Adolescent Psychiatry and Mental Health*, 14: 28.

Rosenberg, M. D., Martinez, S. A.[†], Rapuano, K. M., Conley, M. I.[†], Cohen, A. O., Cornejo, M. D., Hagler, D. J., Meredith, W. J.*^{*}, Anderson, K. M., Wager, T. D., Feczko, E., Earl, E., Fair, D. A., Barch, D. M., Watts, R., Casey, B. J. (2020). Behavioral and neural signatures of working memory in childhood. *Journal of Neuroscience*, 40(26): 5090–5104.

Rosenberg, M. D., Song, H.* (2020). Predicting post-stroke aphasia from brain imaging. *Nature Human Behaviour*, 4: 675–676. (News & Views).

Goldfarb, E. V., **Rosenberg, M. D.**, Seo, D., Constable, R. T., Sinha, R. (2020). Hippocampal seed connectome-based modeling predicts the feeling of stress. *Nature Communications*, 11: 2650.

Anderson, K. M., Collins, M. A., Chin, R., Ge, T., **Rosenberg, M. D.**, Holmes, A. J. (2020). Transcriptional and imaging-genetic association of cortical interneurons, brain function, and schizophrenia risk. *Nature Communications*, 11: 2889.

Scheinost, D., Hsu, W.-T.[†], Avery, E. W.[†], Hampson, M., Constable, R. T., Chun, M. M., **Rosenberg, M. D.** (2020). Connectome-based neurofeedback: A pilot study to improve sustained attention. *NeuroImage*, 212: 116684.

Rosenberg, M. D., Scheinost, D., Greene, A. S., Avery, E. W.,[†] Kwon, Y. H., Finn, E. S., Ramani, R., Qiu, M., Constable, R. T., Chun, M. M. (2020). Functional connectivity predicts changes in attention observed across minutes, days, and months. *Proceedings of the National Academy of Sciences*, 117(7): 3797–3807.

Avery, E. W.[†], Yoo, K., **Rosenberg, M. D.**, Na, D. L., Greene, A. S., Gao, S., Scheinost, D., Constable, R. T., Chun, M. M. (2020). Distributed patterns of functional connectivity predict working memory performance in novel healthy and memory-impaired individuals. *Journal of Cognitive Neuroscience*, 32(2): 241–255.

Wu, E. X. W., Liaw, G. J., Goh, R. Z., Chia, T. T. Y., Chee, A. M. J., Obana, T., **Rosenberg, M. D.**, Yeo, B. T. T., Asplund, C. L. (2020). Overlapping attentional networks yield divergent behavioral predictions across tasks: Neuromarkers for diffuse and focused attention? *NeuroImage*, 209: 116535.

Gruskin, D. C.[†], **Rosenberg, M. D.**, Holmes, A. J. (2020). Relationships between depressive symptoms and brain responses during emotional movie viewing emerge in adolescence. *NeuroImage*, 216: 116217.

Hagler, D. J., Hatton, S. N., Makowski, C., Cornejo, M. D., Fair, D. A., (2019). Image processing and analysis methods for the Adolescent Brain Cognitive Development study. *NeuroImage*, 202: 116091.

Yoo, K., **Rosenberg, M. D.**, Noble, S., Scheinost, D., Constable RT, Chun, M. M. (2019). Multivariate approaches improve the reliability and validity of functional connectivity and prediction of individual behaviors. *NeuroImage*, 197: 212–223.

Kumar, S.[†], Yoo, K., **Rosenberg, M. D.**, Scheinost, D., Constable, R. T., Zhang, S., Li, C.-S. R., Chun, M. M. (2019). An information network flow approach for measuring functional connectivity and predicting behavior. *Brain and Behavior*, 9(8): e01346.

Scheinost, D., Noble, S., Horien, C., Greene, A. S., Lake, E. M. R., Salehi, M., Gao, S., Shen, X., O'Connor, D., Barron, D. S., Yip, S. W., **Rosenberg, M. D.**, Constable, R. T. (2019). Ten simple rules for predictive modeling of individual differences in neuroimaging. *NeuroImage*, 193: 35–45.

Lake, E. M. R., Finn, E. S., Noble, S. M., Vanderwal, T., Shen, X., **Rosenberg, M. D.**, Spann, M. N., Chun, M. M., Scheinost, D., Constable, R. T. (2019). The functional brain organization of an individual allows prediction of measures of social abilities trans-diagnostics in autism and attention/deficit and hyperactivity disorder. *Biological Psychiatry*, 86(4): 315–326.

Fong, A. H. C.[†], Yoo, K., **Rosenberg, M. D.**, Zhang, S., Li, C.-S. R., Scheinost, D., Constable, R. T., Chun, M. M. (2019). Dynamic functional connectivity during task performance and rest predicts individual differences in attention across studies. *NeuroImage*, 188: 14–25.

Fountain-Zaragoza, S.[†], Samimy, S., **Rosenberg, M. D.**, Prakash, R. S. (2019). Connectome-based models predict attentional control in aging adults. *NeuroImage*, 186: 1–13.

- Rosenberg, M. D.** (2018). Baby brains reflect maternal inflammation. *Nature Neuroscience*, *21*: 651–653. (News & Views).
- Rosenberg, M. D.**, Casey, B. J., Holmes, A. J. (2018). Prediction complements explanation in understanding the developing brain. *Nature Communications*, *9*: 589.
- Casey, B. J., Cannonier, T.†, Conley, M. I.†, Cohen, A. O., Barch, D. M., ..., the ABCD Imaging Acquisition Workgroup (2018). The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. *Developmental Cognitive Neuroscience*, *32*: 43–54.
- Lin, Q.†, **Rosenberg, M. D.**, Yoo, K., Hsu, W.-T.†, O’Connell, T. P., Chun, M. M. (2018). Resting-state functional connectivity predicts cognitive impairment related to Alzheimer's disease. *Frontiers in Aging Neuroscience*, *10*: 94.
- Hsu, W.-T.†, **Rosenberg, M. D.**, Scheinost, D., Constable, R. T., Chun, M. M. (2018). Resting-state functional connectivity in large-scale brain networks predicts neuroticism and extraversion in novel individuals. *Social Cognitive and Affective Neuroscience*, *13*(2): 224–232.
- Beaty, R. E., Kenett, Y. N., Christensen, A. P., **Rosenberg, M. D.**, Benedek, M., Chen, Q., Fink, A., Qiu, J., Kwapil, T. R., Kane, M., Silvia, P. J. (2018). Robust prediction of individual creative ability from brain functional connectivity. *Proceedings of the National Academy of Sciences*, *115*(5): 1087–1092.
- Yoo, K., **Rosenberg, M. D.**, Hsu, W.-T.†, Zhang, S., Li, C.-S. R., Scheinost, D., Constable, R. T., Chun, M. M. (2018). Connectome-based predictive modeling of attention: Comparing different functional connectivity measures and prediction methods across datasets. *NeuroImage*, *167*: 11–22.
- Jangraw, D. C., Gonzalez-Castillo, J., Handwerker, D. A., Ghane, M., **Rosenberg, M. D.**, Panwar, P., Bandettini, P. A. (2018). A functional connectivity-based neuromarker of sustained attention generalizes to predict recall in a reading task. *NeuroImage*, *166*: 99–109.
- Rosenberg, M. D.**, Hsu, W.-T.†, Scheinost, D., Constable, R. T., Chun, M. M. (2018). Connectome-based models predict separable components of attention in novel individuals. *Journal of Cognitive Neuroscience*, *30*(2): 160–173.
- List, A., **Rosenberg, M. D.**, Sherman, A., Esterman, M. (2017). Pattern classification of EEG signals reveals perceptual and attentional states. *PLoS ONE*, *12*(4): e0176349.
- Rosenberg, M. D.**, Finn, E. S., Scheinost, D., Constable, R. T., Chun, M. M. (2017). Characterizing attention with predictive network models. *Trends in Cognitive Sciences*, *21*(4): 290–302.
- Shen, X., Finn, E. S., Scheinost, D., **Rosenberg, M. D.**, Chun, M. M., Papademetris, X., Constable, R. T. (2017). Using connectome-based predictive modeling to predict individual behavior from brain connectivity. *Nature Protocols*, *12*(3): 506–518.
- Rosenberg, M. D.**, Zhang, S., Hsu, W.-T.†, Scheinost, D., Finn, E. S., Shen, X., Constable, R. T., Li, C.-S. R., Chun, M. M. (2016). Methylphenidate modulates functional network connectivity to enhance attention. *Journal of Neuroscience*, *36*(37): 9547–9557.
- Chekroud, A. M., Ward, E. J., **Rosenberg, M. D.**, Holmes, A. J. (2016). Patterns in the human brain mosaic discriminate males from females. *Proceedings of the National Academy of Sciences*, pii: 201523888. (Letter).
- Rosenberg, M. D.**, Finn, E. S., Scheinost, D., Papademetris, X., Shen, X., Constable, R. T., Chun, M. M. (2016). A neuromarker of sustained attention from whole-brain functional connectivity. *Nature Neuroscience*, *19*(1): 165–171. [Featured in *News and Views* by Smith (2016)]
- Finn, E. S., Shen, X., Scheinost, D., **Rosenberg, M. D.**, Huang, J., Chun, M. M., Papademetris, X., Constable, R. T. (2015). Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity. *Nature Neuroscience*, *18*(11): 1664–1671.
- Rosenberg, M. D.**, Finn, E. S., Constable, R. T., Chun, M. M. (2015). Predicting moment-to-moment attentional state. *NeuroImage*, *114*: 249–256.

Esterman, M., **Rosenberg, M. D.**, Noonan, S. (2014). Intrinsic fluctuations in sustained attention and distractor processing. *Journal of Neuroscience*, 34(5): 1724–1730.

Rosenberg, M., Noonan, S., DeGutis, J., Esterman, M. (2013). Sustaining visual attention in the face of distraction: A novel gradual-onset continuous performance task. *Attention, Perception, & Psychophysics*, 75(3): 426–439.

Esterman, M., Noonan, S., **Rosenberg, M.**, DeGutis, J. (2013). In the zone or zoning out? Tracking neural and behavioral fluctuations in sustained visual attention. *Cerebral Cortex*, 23(11): 2712–2723.

BOOK CHAPTERS

deBettencourt, M. T., Bainbridge, W. A., & **Rosenberg, M. D.** (in press). Functional neuroimaging. *APA Handbook of Research Methods in Psychology 2nd Edition*. American Psychological Association.

Rosenberg, M. D. & Chun, M. M. (2020). Network models of attention and working memory. In M. Gazzaniga & D. Poeppel (Eds.), *The Cognitive Neurosciences VI*. MIT Press.

PREPRINTS AND SUBMITTED MANUSCRIPTS

Bethlehem, R. A. I., Seidlitz, J., White, S. R., Vogel, J. W., Anderson, K. M. ..., Alexander-Bloch, A. F. (in revision). Brain charts for the human lifespan. *bioRxiv*, doi.org/10.1101/2021.06.08.447489.

Feczko, E., Conan, G., Marek, S., Tervo-Clemmens, B., Cordova, M., ..., Fair, D. A. (under review). Adolescent Brain Cognitive Development (ABCD) community MRI collection and utilities. *bioRxiv*, doi.org/ 10.1101/2021.07.09.451638.

Fountain-Zaragoza, S.†, Manglani, H. R., **Rosenberg, M. D.**, Prakash, R. S. (in revision). Defining a connectome-based predictive model of attentional control in aging. *bioRxiv*, doi.org/10.1101/2021.02.02.429232.

Kardan, O.,* Layden, E., Choe, K. W., Lyu, M., Zhang, X., Beilock, S. L., **Rosenberg, M. D.**, Berman, M. G. (under review). Scale-invariance in brain activity predicts practice effects in cognitive performance. *bioRxiv*, doi.org/10.1101/2020.05.25.114959.

Kardan, O.,* Stier, A. J.†, Cardenas-Iniguez C.†, Pruin, J. C.*, Schertz, K. E., Deng, Y.*, Chamberlain, T.*, Meredith, W. J.*, Zhang, X., Bowman, J. E., Lakhtakia, T., Tindel, L.*, Avery, E. W., Lin, Q., Yoo, K., Chun, M. M., Berman, M. G., **Rosenberg, M. D.** (under review). Adult neuromarkers of sustained attention and working memory predict inter- and intra-individual differences in these processes in youth. *bioRxiv*, doi.org/10.1101/2021.08.01.454530.

Salehi, M., Scheinost, D., **Rosenberg, M. D.**, Finn, E. S., Chun, M. M., Constable, R. T. (in revision). Network connectivity changes between task and resting-state fMRI data reveal flexibility and generalize attention prediction.

Stier, A. J.†, Cardenas-Iniguez C.†, Kardan, O.*, Moore, T. N., Meyer, F. A. C., **Rosenberg, M. D.**, Kaczkurkin, A. N., Lahey, B. B., Berman, M. G. (under review). A scale-free gradient of cognitive resource disruptions in childhood psychopathology. *bioRxiv*, doi.org/10.1101/2021.08.24.457554.

Wakeland-Hart, C. D.*, Cao, S. A.*, deBettencourt, M. T., Bainbridge, W. A., **Rosenberg, M. D.** (in revision). Predicting visual memory across images and within individuals. *PsyArXiv*, 10.31234/osf.io/zbu3k.

Yoo, K., **Rosenberg, M. D.**, Kwon, Y. H., Scheinost, D., Constable, R. T., Chun, M. M. (under review). A cognitive state transformation model for task-general and task-specific subsystems of the brain connectome. *bioRxiv*, doi.org/10.1101/2020.12.23.424176.

INVITED COLLOQUIA

2021 *Cognitive/Developmental Seminar Series*, University of Wisconsin-Madison
2021 *Seminar Series*, University of California San Francisco Neuroscape Center
2021 *Keynote Address*, Australian Chapter of the Organization for Human Brain Mapping
2021 *fMRI Brown Bag*, Dartmouth Brain Imaging Center

2021 *Cognitive Science Colloquium*, Cognitive Science Program, Indiana University, Bloomington
 2020 *Seminar Series*, Behavioral Pharmacology Research Unit, Johns Hopkins University School of Medicine
 2020 *Neuro@Noon Seminar*, Department of Biomedical Engineering, Sungkyunkwan University, and the
 Center for Neuroscience Imaging Research, Institute for Basic Science
 2020 *Cognitive Area Brown Bag Series*, Department of Psychology, University of Virginia
 2020 *Neuroscience Institute Seminar*, The University of Chicago
 2020 *Neuroscience Research Seminar*, Department of Neuroscience, School of Medicine at the University of
 Texas Rio Grande Valley
 2019 *Vision Seminar*, Department of Psychological and Brain Sciences, Johns Hopkins University
 2019 *Computational Social Sciences Workshop*, The University of Chicago
 2018 *Cognitive Brown Bag*, Department of Psychological and Brain Sciences, Dartmouth College
 2018 *Patrick Holden Lecture*, UT Health San Antonio
 2018 *Center for Cognitive and Behavioral Brain Imaging Seminar*, The Ohio State University
 2018 *Clinical Psychology Brown Bag*, The Ohio State University
 2018 *Psychology Department Seminar*, The University of Chicago
 2017 *Computational Biology Seminar Series*, IBM Research
 2016 *Psychology Department Seminar*, Columbia University
 2015 *Yale Institute for Network Science/Kavli Institute for Neuroscience Lecture*, Yale University
 2015 *Methods & Tutorial Series*, VA Boston Neuroimaging Research Center
 2014 *Current Works in Cognitive Psychology*, Yale University
 2014 *Magnetic Resonance Research Center fMRI Seminar*, Yale University School of Medicine
 2013 *Current Works in Cognitive Psychology*, Yale University

INVITED CONFERENCE AND WORKSHOP PRESENTATIONS

2021 *National Institute of Mental Health Workshop on Naturalistic Stimuli and Individual Differences*, virtual
 2021 *Flux Developmental Cognitive Neuroscience Congress*, virtual
 2021 *Advanced Computational Neuroscience Network Workshop*, Beckman Institute for Advanced Science and
 Technology, University of Illinois at Urbana-Champaign, IL, virtual
 2021 *Biennial Meeting of the Society for Research in Child Development*, virtual
 2021 *Annual Meeting of the International Neuropsychological Society*, virtual
 2020 *Annual Meeting of the International Society for Research on Impulsivity*, virtual
 2019 *Brain Health Across the Lifespan*, National Academies of Sciences, Engineering, and Medicine,
 Washington, D.C.
 2018 *Neuroimaging Workshop*, Bill & Melinda Gates Foundation, Seattle, WA
 2018 *Summer Institute in Cognitive Neuroscience*, Tahoe, CA
 2017 *Flux: The International Congress for Integrative Developmental Cognitive Neuroscience*, Portland, Oregon
 2017 *Brainhack NYC (Keynote)*, Child Mind Institute, New York, NY
 2016 *Young European Scientist Meeting*, Faculty of Medicine of University of Porto, Portugal
 2016 *3rd Biennial Brain Function Workshop*, Whistler, BC, Canada
 2014 *2nd Biennial Brain Function Workshop*, Whistler, BC, Canada

CONTRIBUTED CONFERENCE PRESENTATIONS (selected)

*primary trainee, †trainee collaborator

Song, H*, Shim, WM, Rosenberg, MD. (2022). Neural dynamics in a low-dimensional state space reflect cognitive and attentional dynamics. *Organization for Human Brain Mapping*. Glasgow, Scotland.

Chamberlain, TA*, Corriveau, A*, Song, H*, Rosenberg, MD. (2022). Intersubject correlation reveals brain-behavior relationships in development. *Organization for Human Brain Mapping*. Glasgow, Scotland.

Zhang Z*, Rosenberg MD. (2022). Sustained attention fluctuations impact visual statistical learning. *Vision Sciences Society*, St. Pete Beach, FL.

Zhang Z*, Rosenberg MD. (2022). Connectome-based predictive models reveal the relationships between sustained attention and adaptive learning. *Cognitive Neuroscience Society*, San Francisco, CA.

- Kardan O*, Stier AJ, Cardenas-Iniguez C, Pruin J, Schertz KE, Deng Y, Chamberlain T, Meredith WJ, Zhang X, Bowman JE, Lakhtakia T, Tindel L, Avery, EW, Lin, Q, Yoo, K, Chun, MM, Berman MG, Rosenberg MD. (2022). Connectome-based predictions reveal developmental change in the functional architecture of sustained attention and working memory. *Cognitive Neuroscience Society*, San Francisco, CA.
- Song, H*, Shim, WM, Rosenberg, MD. (2021). Brain state dynamics reflect generalizable cognitive and attentional state dynamics. *Society for Neuroscience*. (virtual)
- Chamberlain, T*, Coriveau, AL*, Song, H*, Rosenberg, MD. (2021). Tracking the dynamics of neural synchrony with time-resolved inter-subject correlation. *Society for Neuroscience*. (virtual)
- Coriveau, AL*, Yoo, K, Kwon, YH, Chun, MM, Rosenberg, MD. (2021). Connectome stability as a marker of cognitive performance. *Society for Neuroscience*. (virtual)
- Kardan, O, * Stier, A. J.†, Cardenas-Iniguez C.†, Pruin, J. C.* , Schertz, K. E., Deng, Y.* , Chamberlain, T.* , Meredith, W. J*, Zhang, X, Bowman, JE, Lakhtakia, T, Tindel, L*, Avery, EW, Lin, Q, Yoo, K, Chun, MM, Berman, MG, Rosenberg, MD. (2021). Adult functional connectivity models differentially predict sustained attention and working memory in youth. *Society for Neuroscience*. (virtual)
- Hakim, N†, Awh, E, Vogel, EK, Rosenberg, MD. (2021). Functional connectivity models track fluctuations in attention and working memory. *Society for Neuroscience*. (virtual)
- Yoo, K, Rosenberg, MD, Kwon, YH, Lin, Q, Avery, EW, Scheinost, D, Constable, RT, Chun, MM. (2021). A brain-based universal measure of attention. *Society for Neuroscience*. (virtual)
- Doss, MK, Považan, M, Rosenberg, MD, Sepeda, ND, Davis, AK, Finan, PH, Smith, GS, Pekar, JJ, Barker, PB, Griffiths, RR, Barrett, FS. (2021). Psilocybin therapy enhances cognitive and neural flexibility in patients with major depressive disorder. *Society for Neuroscience*. (virtual)
- Joëssel, F†, Rosenberg, MD, Bavelier, D. (2021). Investigating the reliability of connectome-based predictive models across fMRI runs and datasets. *Society for Neuroscience*. (virtual)
- Kardan O*, Stier AJ, Cardenas-Iniguez C, Pruin J, Deng Y, Chamberlain T, Meredith WJ, Schertz KE, Zhang X, Bowman JE, Lakhtakia T, Tindel L, Berman MG, Rosenberg MD. (2021). Neuromarkers of attention and working memory distinguish these processes in children. *Organization for Human Brain Mapping*.
- Coriveau A*, Yoo K, Kwon YH, Chun MM, Rosenberg MD. (2021). Functional connectome stability as a marker of cognitive performance. *Organization for Human Brain Mapping*.
- Chamberlain T*, Rosenberg MD. (2021). Propofol modulates functional connectivity signatures of attention: A preregistered replication and extension. *Organization for Human Brain Mapping*.
- Wakeland-Hart CD*, deBettencourt MT, Cao S, Bainbridge WA, Rosenberg MD. (2021). Building a comprehensive model of visual memory from images and individuals. *Vision Sciences Society*. (virtual)
- Song, H*, Shim, WM, Rosenberg, MD. (2021). Brain state dynamics reflect cognitive and attentional state dynamics. *Context and Episodic Memory Symposium (CEMS)*. Philadelphia, PA,
- Song, H*, Finn, ES, Rosenberg, MD. (2021). Neural signatures of narrative immersion. *International Association of Empirical Aesthetics (IAEA) Congress on Empirical Aesthetics*. (virtual)
- Wakeland-Hart CD*, deBettencourt MT, Bainbridge WA, Rosenberg MD. (2020). Predicting memory from individual attentional state and image memorability. *61st Annual Meeting of the Psychonomic Society*. (virtual)
- Song H*, Finn ES, Rosenberg MD. (2020). Changes in attentional engagement during narrative comprehension. *61st Annual Meeting of the Psychonomic Society*. (virtual)
- Hakim N†, Awh E, Vogel EK, Rosenberg MD. (2020). Predicting cognitive abilities across individuals using sparse EEG connectivity. *61st Annual Meeting of the Psychonomic Society*. (virtual)

Song H*, Finn ES, Rosenberg MD. (2020). Characterizing engagement dynamics during narrative comprehension. *28th Annual Workshop on Object Perception, Attention, and Memory*. (virtual)

Hakim N†, Awh E, Vogel EK, Rosenberg MD. (2020). Sparse EEG connectivity predicts cognitive ability in humans. *28th Annual Workshop on Object Perception, Attention, and Memory*. (virtual)

Kardan O*, Kaplan S, Wheelock MD, Meyer D, Eggebrecht AT, Moore LA, Earl E, Feczko E, Miranda-Domínguez O, Snyder K, Graham A, Berman MG, Sung S, Uğurbil K, Yacoub E, Elison JT, Smyser CD, Fair DA, Rosenberg MD. (2020). Predicting age in 8-to-24-month-olds using resting-state functional connectivity MRI. *International Society for Developmental Psychobiology*. (virtual) (*Winner, Student/Postdoc Abstract Award*)

Meredith WJ*, Cardenas-Iniguez C, Berman MG, Rosenberg MD. (2020). Characterizing relationships between the environment and aspects of youth cognition. *Flux Congress*. (virtual)

Hakim N†, Awh E, Vogel EK, Rosenberg MD. (2020). EEG connectivity identifies individuals and predicts behavior across data sets. *Virtual Working Memory Symposium*. (virtual)

Hakim N†, Awh E, Vogel EK, Rosenberg MD. (2020). EEG connectivity identifies individuals and predicts behavior across data sets. *Neuromatch 2.0*. (virtual)

Sanchez-Alonso S, Rosenberg MD, Aslin DN. (2020). Brain-wide functional connectivity differences during movie-watching and rest across development. *Organization for Human Brain Mapping*. (virtual)

Manglani HR†, Fountain-Zaragoza S, Rosenberg MD, Prakash RS. Characterizing the generalizability of an attention neuromarker in healthy aging. *Organization for Human Brain Mapping*. (virtual)

Meredith WJ*, Cardenas-Iniguez C, Berman MG, Rosenberg MD. (2019). Characterizing relationships between working memory and the environment in childhood. *Mind Bytes Research Computing Expo and Symposium*, Chicago, IL. (*Winner, Data Science Poster Award*)

Rosenberg MD•, Martinez SA†, Rapuano KM, Conley MI†, Cohen AO, Cornejo MD, Hagler DJ, Meredith WJ*, Anderson KM, Wager TD, Feczko E, Earl E, Fair DA, Barch DM, Watts R, Casey BJ. (2019). Characterizing behavioral and neural signatures of working memory in childhood. *Society For Neuroscience*, Chicago, IL. (*• Nanosymposium co-organizer and chair*)

Rapuano KM, Rosenberg MD, Horien C, Greene AS, Scheinost D, Constable RT, Casey BJ. (2019). Behavioral and neural predictors of vulnerability for risky behaviors in childhood. *Society For Neuroscience*, Chicago, IL.

Sanchez-Alonso S, Rosenberg MD, Aslin RN. (2019). Neuro-developmental differences in functional connectivity across task and rest. *Flux Congress*, New York, NY.

Hoyos P†, Kim NY†, Igelstrom K, Pecsok M, Pinsk M, Rosenberg MD, Kastner S. (2019). Establishing a neural basis for the high frequency of comorbidity amongst ADHD and DCD. *Flux Congress*, New York, NY.

Rapuano KM, Rosenberg MD, Horien C, Greene AS, Scheinost D, Constable RT, Casey BJ. (2019). Predicting vulnerability to risk behaviors in a large cohort of children. *Flux Congress*, New York, NY.

Rosenberg MD, Martinez SA†, Rapuano KM, Conley MI†, Cohen AO, Cornejo MD, Hagler DJ, Meredith WJ*, Anderson KM, Wager TD, Feczko E, Earl E, Fair DA, Barch DM, Watts R, Casey BJ. (2019). Behavioral and neural signatures of working memory in childhood. *Flux Congress*, New York, NY.

Rapuano KM, Rosenberg MD, Watts R, Casey BJ. (2019). Characterizing the emergence of circuitry underlying cognitive control and reward motivation in youth. *Organization for Human Brain Mapping*, Rome, Italy.

Anderson KM, Collins M, Chin R, Ge T, Rosenberg MD, Holmes AJ. (2019). Parvalbumin interneurons underlie in-vivo brain function and schizophrenia risk. Talk at *Organization for Human Brain Mapping*, Rome, Italy.

Rosenberg MD, Martinez SA†, Rapuano KM, Conley MI†, Cohen AO, Cornejo MD, Hagler DJ, Anderson KM, Wager TD, Feczko E, Earl E, Fair DA, Barch DM, Watts R, Casey BJ. (2019). Task-specific neural signatures of working memory in childhood. *Organization for Human Brain Mapping*, Rome, Italy.

Conley MI[†], Oh A[†], Hadis S[†], Watts R, Casey BJ, Rosenberg MD. (2019). Neural signatures of resource insecurity and overlapping child psychopathology symptoms. *Social & Affective Neuroscience Society*, Miami, FL.

Martinez SA[†], Rapuano KM, Conley MI[†], Cohen AO, Barch DM, Watts R, Casey BJ, Rosenberg MD. (2019) Behavioral and neural signatures of working memory in childhood. *Cognitive Neuroscience Society*, San Francisco, CA.

Sanchez-Alonso S, Rosenberg MD, Aslin DN. (2019). Characterizing the whole-brain functional connectivity signature of bilingualism. *Cognitive Neuroscience Society*, San Francisco, CA.

Rosenberg MD, Gruskin DC[†], Finn ES, Holmes AJ. (2018). Inter-subject dynamic functional connectivity: Tracking functional network fluctuations during movie watching. *Society For Neuroscience*, San Diego, CA.

Avery EW[†], Yoo K, Rosenberg MD, Na DL, Greene AS, Gao S, Scheinost D, Constable RT, Chun MM. (2018). Whole-brain functional connectivity predicts working memory performance in novel healthy and memory-impaired individuals. *Society For Neuroscience*, San Diego, CA.

Yoo K, Rosenberg MD, Noble S, Scheinost D, Constable RT, Chun MM. (2018). Multivariate distance correlation features of functional connectivity improve the reliability and power of connectome-based predictive modeling. *Society For Neuroscience*, San Diego, CA.

Rosenberg MD, Gruskin DC[†], Finn ES, Holmes AJ. (2018). Tracking network fluctuations during movie watching with inter-subject dynamic functional connectivity. *Resting State and Brain Connectivity*, Montreal, Canada.

Gruskin DC[†], Rosenberg MD, Holmes AJ. (2018). Altered inter-subject correlation scales with depressive symptom severity in children and adolescents. *Resting State and Brain Connectivity*, Montreal, Canada.

Joëssel A[†], Magontier M, Rosenberg MD, Pichon S, Chun MM, Bavelier D. (2018). Investigating the neural correlates of flow in fMRI. *Lemanic Neuroscience Annual Meeting*, Les Diablerets, Switzerland.

Jangraw DC, Finn ES, Gonzalez-Castillo J, Handwerker DA, Ghane M, Rosenberg MD, Panwar P, Bandettini PA. (2018). Functional connectivity-based predictor of reading recall generalizes to multi-task data. Talk at *Organization for Human Brain Mapping*, Singapore.

Fountain-Zaragoza S[†], Samimy S, Rosenberg MD, Wolfe T, Prakash RS. (2018). Investigation of a functional connectivity-based neuromarker of attention in older and younger adults. *Global Brain Health and Performance Summit*, Columbus, OH.

Fong AHC[†], Yoo K, Rosenberg MD, Scheinost D, Constable RT, Chun MM. (2018). Dynamic functional connectivity predicts individual differences in attention. *Cognitive Neuroscience Society*, Boston, MA.

Kumar S[†], Rosenberg MD, Yoo K, Scheinost D, Constable RT, Chun MM. (2018). An information network flow approach to measuring functional connectivity and predicting behavior. *Cognitive Neuroscience Society*, Boston, MA.

Rosenberg MD, Scheinost D, Hsu W-T[†], Avery EW[†], Hampson M, Constable RT, Chun MM. (2018). Real-time neurofeedback of large-scale brain networks predicting attention. Talk at *Alpine Brain Imaging Meeting*, Champéry, Switzerland.

Rosenberg MD, Scheinost D, Hsu W-T[†], Constable RT, Chun MM. (2017). Real-time neurofeedback of functional connectivity in large-scale brain networks that predict attention. Talk at *Society for Neuroscience*, Washington, D.C.

Yoo K, Rosenberg MD, Hsu W-T[†], Zhang S, Li C-SR, Scheinost D, Constable RT, Chun MM. (2017). Connectome-based predictive modeling (CPM) of sustained attention: Comparing different methods for feature selection and prediction. Talk at *Society for Neuroscience*, Washington, D.C.

Lin Q, Rosenberg MD, Yoo K, Hsu W-T[†], O'Connell TP, Chun MM. (2017). Resting-state functional connectivity in large-scale brain networks predicts Alzheimer's disease symptom severity in novel individuals. *Society for Neuroscience*, Washington, D.C.

Jangraw DC, Gonzalez-Castillo J, Handwerker DA, Ghane M, Rosenberg MD, Panwar P, Bandettini PA. (2017). Functional connectivity-based neuromarker outperforms gaze, pupillary, and fMRI activation-based markers in predicting reading comprehension. Talk at *Society for Neuroscience*, Washington, D.C.

Rosenberg MD[•], Scheinost D, Hsu W-T[†], Finn ES[•], Constable RT, Chun MM. (2017). Large-scale functional connectivity networks predict individual differences and fluctuations in attention. Talk at *Organization for Human Brain Mapping*, Vancouver, BC, Canada. ([•] *Symposium organizers*)

Rosenberg MD, Scheinost D, Hsu W-T[†], Finn ES, Constable RT, Chun MM. (2017). Large-scale functional connectivity networks predict attention fluctuations. *Organization for Human Brain Mapping*, Vancouver, BC, Canada.

Jangraw DC, Gonzalez-Castillo J, Handwerker DA, Ghane M, Rosenberg MD, Panwar P, Gutierrez B, Bandettini PA. (2017) Functional connectivity-based predictors of naturalistic reading comprehension. *Organization for Human Brain Mapping*, Vancouver, BC, Canada.

Hsu W-T[†], Rosenberg MD, Scheinost D, Finn ES, Constable RT, Chun MM. (2017). Resting-state functional connectivity in large-scale brain networks predicts neuroticism and extraversion in novel individuals. *Cognitive Neuroscience Society*, San Francisco, CA.

Rosenberg MD, Hsu W-T[†], Scheinost D, Finn ES, Constable RT, Chun MM. (2016). Connectome-based fMRI models predict separable components of attention in novel individuals. Talk at *Object Perception, Attention, & Memory*, Boston, MA.

Salehi M, Scheinost D, Finn ES, Rosenberg MD, Chun MM, Constable RT. (2016). Network changes between task- and resting-state functional connectivity predict behavior across datasets. *Society for Neuroscience*, San Diego, CA.

Rosenberg MD, Zhang S, Hsu W-T[†], Scheinost D, Finn ES, Shen X, Constable RT, Li C-SR, Chun MM. (2016). Methylphenidate modulates attention network strength. *Resting State and Brain Connectivity*, Vienna, Austria.

Rosenberg MD, Finn ES, Scheinost D, Papademetris X, Shen X, Constable RT, Chun MM. (2015). Resting-state brain connectivity predicts ADHD symptom severity in individual children. *Organization for Human Brain Mapping*, Honolulu, HI.

Rosenberg MD, Finn ES, Shen X, Scheinost D, Papademetris X, Constable RT, Chun MM. (2014). Strength of task-relevant networks at rest predicts sustained attention performance. *Society for Neuroscience*, Washington, D.C.

Rosenberg MD, Finn ES, Constable RT, Chun MM. (2014). Predicting moment-to-moment attentional state. *Vision Sciences Society*, St. Pete Beach, FL.

Finn ES, Rosenberg MD, Shen X, Scheinost D, Papademetris X, Chun MM, Constable RT. (2014). Predicting working memory and attentional performance from complex networks during task and at rest. *Organization for Human Brain Mapping*, Hamburg, Germany.

Rosenberg MD, Finn ES, Chun MM. (2013). Tracking fluctuations in sustained attention under varying degrees and types of task load. *Society for Neuroscience*, San Diego, CA.

Finn ES, Rosenberg MD, Shen X, Constable RT, Chun MM. (2013). Predicting attention and performance across varying task loads from complex networks during task and at rest. *Society for Neuroscience*, San Diego, CA.

Noonan S, Esterman M, Rosenberg M. (2013). Neural signatures of individual differences in sustained attention. *Organization for Human Brain Mapping*, Seattle, WA.

List A, Rosenberg M, Sherman A, Grabowecky M, Suzuki S, Esterman M. (2013). EEG pattern classification reveals the scope of local vs. global attention. *Vision Sciences Society*, Naples, FL.

List A, Rosenberg M, Sherman A, Grabowecky M, Suzuki S, Esterman M. (2013). Neural correlates of local vs. global attentional scope revealed via EEG pattern classification. *Cognitive Neuroscience Society*, San Francisco, CA.

Rosenberg M, List A, Sherman A, Grabowecky M, Suzuki S, Esterman M. (2012). Decoding EEG data reveals dynamic spatiotemporal patterns in perceptual processing. *Vision Sciences Society*, Naples, FL.

Esterman M, Noonan S, Rosenberg M. (2012). In the zone or zoning out? Behavioral and neural evidence for distinct attentional states. *Vision Sciences Society*, Naples, FL.

Rosenberg M, List A, Sherman A, Grabowecky M, Suzuki S, Esterman M. (2012). Classifying visual perception on a trial-by-trial basis using EEG signals. *Cognitive Neuroscience Society*, Chicago, IL.

Rosenberg M, Noonan S, DeGutis J, Esterman M. (2011). Sustaining visual attention in the face of distraction: A novel gradual onset continuous performance task. *Vision Sciences Society*, Naples, FL.

Esterman M, Noonan S, Rosenberg M, DeGutis J. (2011). In the zone or zoning out? Tracking neural and behavioral fluctuations in sustained visual attention. *Vision Sciences Society*, Naples, FL.

Noonan S, Rosenberg M, DeGutis J, Esterman M. (2011). In the zone or zoned out? Performance variability and BOLD fluctuations in the default-mode network. *Organization for Human Brain Mapping*, Québec City, Canada.

RESEARCH SUPPORT

2022–23 The University of Chicago College Curricular Innovation Fund (Role: PI)
Building generalizable models of memory

2021–24 National Science Foundation Research Grant (Role: PI)
Predicting attention fluctuations and their consequences for memory from functional brain connectivity

2020–22 Bill & Melinda Gates Foundation Grant (Role: PI)
Predicting developmental outcomes with MRI functional connectivity

2020–21 The University of Chicago College Curricular Innovation Fund (Role: PI)
Characterizing interactions between sustained attention and memory

2019–20 Bill & Melinda Gates Foundation Grant (Role: PI)
Connectome-based predictive modeling of fMRI, fNIRS, and EEG data in infancy and early childhood

TEACHING AND ADVISING

PHD STUDENTS

Hayoung Song, B.A., M.S. (The University of Chicago Neubauer Family Foundation Distinguished Scholar)
Ziwei Zhang, B.S.
Anna Corriveau, B.A.

MASTER'S STUDENTS

Alfred Chao (Masters in Computational Social Science)
Julia Priun (MA Program in the Social Sciences)
Steven Cao (MA Program in the Social Sciences)

POSTDOCTORAL FELLOWS

Omid Kardan, Ph.D.

PHD COMMITTEES

2021 Nicole Hakim (The University of Chicago)
2020 Stephanie Fountain-Zaragoza (The Ohio State University), Victoria Okuneye (University of Chicago Pritzker School of Medicine)
2019 Carlos Cardenas-Iniguez, Omid Kardan, Elliot Layden (The University of Chicago)

TRIAL RESEARCH COMMITTEES

2019– Gabrielle Akcelik, Sunny Lee, Andrew Stier, William Thyer (The University of Chicago)

RESEARCH STAFF

2020– Taylor Chamberlain, B.A.
2019–20 Wesley Meredith, B.S., M.A.

TEACHING

2020– Advanced Topics in Human Neuroimaging, The University of Chicago
2020– Cognitive Psychology, The University of Chicago
2019– Mind, The University of Chicago
2014 The Human Brain, Yale University, Teaching Fellow
2014 Introduction to Psychology, Yale University, Teaching Fellow
2013 Introduction to Cognitive Science, Yale University, Teaching Fellow

PROFESSIONAL SERVICE AND ACTIVITIES

AD HOC REVIEWING ([Publons](#))

<i>Acta Neuropsychiatrica</i>	<i>Journal of Experimental Psychology: General</i>
<i>The American Journal of Psychiatry</i>	<i>Journal of Experimental Psychology: Human Perception & Performance</i>
<i>Applied Cognitive Psychology</i>	<i>The Journal of Neuroscience</i>
<i>Attention, Perception, & Psychophysics</i>	<i>Journal of Neurophysiology</i>
<i>Biological Psychiatry</i>	<i>Journal of Psychiatric Research</i>
<i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i>	<i>Medical Research Council (United Kingdom)</i>
<i>Brain and Cognition</i>	<i>Molecular Psychiatry</i>
<i>Brain Connectivity</i>	<i>National Science Foundation (United States)</i>
<i>Cerebral Cortex</i>	<i>Nature Communications</i>
<i>Cognition</i>	<i>Nature Human Behaviour</i>
<i>Cognitive, Affective, & Behavioral Neuroscience</i>	<i>Nature Methods</i>
<i>Cognitive Research: Principles and Implications</i>	<i>Nature Neuroscience</i>
<i>Current Biology</i>	<i>Nature Protocols</i>
<i>Current Directions in Psychological Science</i>	<i>NeuroImage</i>
<i>Current Opinion in Behavioral Sciences</i>	<i>NeuroImage: Clinical</i>
<i>Developmental Cognitive Neuroscience</i>	<i>PLOS Biology</i>
<i>eLife</i>	<i>Proceedings of the National Academy of Sciences</i>
<i>International Journal of Psychiatry in Clinical Practice</i>	<i>Progress in Neurobiology</i>
<i>iScience</i>	<i>Progress in Neuro-Psychopharmacology & Biological Psychiatry</i>
<i>Journal of Clinical Child & Adolescent Psychology</i>	<i>Psychological Medicine</i>
<i>Journal of Cognitive Neuroscience</i>	<i>Science Advances</i>
	<i>Scientific Reports</i>

EDITORIAL BOARD

2018– *NeuroImage*

PROGRAM COMMITTEES

2020 *Whistler Workshop on Brain Function*, Whistler, BC, Canada
2017 *Flux Congress*, Portland, Oregon

UNIVERSITY AND DEPARTMENTAL COMMITTEES

2022– Social Sciences Computing Services Faculty Advisory Committee, The University of Chicago
2021– Neuroscience Summer Internship and Honors Review Committee, The University of Chicago
2021– Department of Psychology Steering Committee, The University of Chicago

2021 Department of Psychology Instructional Assistant Search Committee, The University of Chicago
2021 Department of Psychology Faculty Search Committee, The University of Chicago
2020– Department of Psychology Diversity & Inclusion Committee, The University of Chicago
2019– Faculty Sponsor, Cognition Workshop, The University of Chicago
2015–16 Psychology Department Representative, Graduate Student Assembly (GSA), Yale University
2015–16 Co-Chair, GSA Committee on Campus Climate & Sexual Misconduct, Yale University
2013–14 Student Representative, Psychology Department Colloquium Committee, Yale University
2012–13 Co-Chair, Psychology Department Interview Organizing Committee, Yale University

OUTREACH

2021 Neuroscience and AI lecture, University of Chicago Collegiate Scholars Program
2020– College Day lectures, University of Chicago Bridge to College Program

MEDIA COVERAGE

BBC News, CBS News, Connecticut Post, The Conversation, Discover Magazine, Forbes Magazine, Forge, The Guardian, Nature News, NBC News, Newsweek, NPR, PBS News, Popular Science, Science Magazine, Scientific American, South by Southwest, UChicago News, Wired, Yale Daily News