

# Henry Jones

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## Education & Research Experience

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The University of Chicago	Chicago, IL
<i>Ph.D. in Psychology (Computational Cognitive Neuroscience)</i>	2026 (Expected)
Advisor: Edward Awh, PhD	
The University of Chicago	Chicago, IL
<i>Masters in Psychology (Computational Cognitive Neuroscience)</i>	2021- 2023
Advisor: Edward Awh, PhD	
Stanford	Palo Alto, CA
<i>Research Assistant</i>	2019- 2021
Advisor: Russell Poldrack, PhD	
Brown University	Providence, RI
<i>Sc.B Cognitive Neuroscience (Honors) - 4.0 CGPA, Magna cum Laude</i>	2015-2019
Advisor: David Badre, PhD	

## Publications

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Koevoet, D., **Jones, H.M.**, Van der Stigchel, S., Awh, E. (Submitted). Dissociating Spatial Attention and Working Memory Storage with Pupillometry. *Cortex*.

Suplica, D., **Jones, H.M.**, Diaz, G.K., Veillette, J.P., Nusbaum, H.C., Awh, E. (Under Review). Neural Evidence for modality-independent storage in working memory. *Current Biology*.

Bissett, P. G., Achyutuni, K. G., Rios, J. A. H., **Jones, H. M.**, Bennett, L. J., & Poldrack, R. A. (Under Review). Sharing control with a machine impairs human response inhibition. *Psychological Science*.

**Jones, H. M.**, Thyer, W. S., Suplica, D., & Awh, E. (2024). Cortically disparate visual features evoke content-independent load signals during storage in working memory. *Journal of Neuroscience*, 44(44).

**Jones, H. M.**, Diaz, G. K., Ngiam, W. X., & Awh, E. (2024). Electroencephalogram Decoding Reveals Distinct Processes for Directing Spatial Attention and Encoding Into Working Memory. *Psychological Science*, 35(10), 1108-1138.

Bissett, P. G., Eisenberg, I. W., Shim, S., Rios, J. A. H., **Jones, H. M.**, Hagen, M. P., ... & Poldrack, R. A. (2024). Cognitive tasks, anatomical MRI, and functional MRI data evaluating the construct of self-regulation. *Scientific Data*, 11(1), 809.

**Jones, H. M.**, Yoo, K., Chun, M. M., & Rosenberg, M. D. (2024). Edge-based general linear models capture moment-to-moment fluctuations in attention. *Journal of Neuroscience*, 44(14).

Mumford, J. A., Bissett, P. G., **Jones, H. M.**, Shim, S., Rios, J. A. H., & Poldrack, R. A. (2024). The response time paradox in functional magnetic resonance imaging analyses. *Nature Human Behaviour*, 8(2), 349-360.

Bissett, P. G., **Jones, H. M.**, Hagen, M. P., Bui, T. T., Li, J. K., Rios, J. A. H., ... & Poldrack, R. A. (2023). A dual-task approach to inform the taxonomy of inhibition-related processes. *Journal of Experimental Psychology: Human Perception and Performance*, 49(3), 277.

Vaghi, M. M., Hagen, M. P., **Jones, H. M.**, Mumford, J. A., Bissett, P. G., & Poldrack, R. A. (2022). Relating psychiatric symptoms and self-regulation during the COVID-19 crisis. *Translational Psychiatry*, 12(1), 1-12.

Bissett, P. G., **Jones, H. M.**, Poldrack, R. A., & Logan, G. D. (2021). Severe violations of independence in response inhibition tasks. *Science advances*, 7(12), eabf4355.

Bissett, P. G., Hagen, M. P., **Jones, H. M.**, & Poldrack, R. A. (2021). Design issues and solutions for stop-signal data from the Adolescent Brain Cognitive Development (ABCD) study. *Elife*, 10, e60185.

Vaidya, A. R., **Jones, H. M.**, Castillo, J., & Badre, D. (2021). Neural representation of abstract task structure during generalization. *ELife*, 10, e63226.

## Talks

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**Jones, H.M.**, Thyer, W.S., Suplica, D., Awh, E. (2024). Neural evidence for modality-general indexing in working memory. Psychonomic Society Meeting, 2024.

**Jones, H.M.**, Thyer, W.S., Suplica, D., Awh, E. (2024). Storage in working memory recruits a modality-independent pointer system. Vision Science Society Meeting, 2024.

Ngiam, W.X.Q., Thyer, W.S., **Jones, H.M.**, Suplica, D., Epstein, W., & Awh, E. (2024). Associative learning changes multivariate neural signatures of visual working memory. Vision Science Society Meeting, 2024.

**Jones, H.M.**, Ngiam, W.X.Q, Awh, E. (2022). EEG Decoding Reveals Distinct Processes for Directing Spatial Attention and Encoding into Working Memory. Midway Meeting of the Memory Minds, 2022.

## Posters

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**Jones, H.M.**, Bai, D., Scholl, B., Awh, E. (2025). Electroencephalogram decoding of the attentional selection and tracking of featureless objects. Vision Science Society Meeting, 2025.

Bissett, P.G., Achyutuni, K.G., Rios, J.A.H., **Jones, H.M.**, Poldrack, R.A. (2025). Shared control impairs cognitive control: Human responses inhibition slows when machines fail to inhibit. Cognitive Sciences Society Meeting, 2025.

**Jones, H.M.**, Suplica, D., Veillette, J., Awh, E. (2024). Isolating neural signatures of WM load to understand individual differences. International Conference on Working Memory Meeting, 2024.

**Jones, H.M.**, Yoo, R. K., Chun, M. M., Rosenberg, M. (2023). Edge-based general linear models capture high-frequency fluctuations in attention networks. Organization of Human Brain Mapping Meeting, 2023.

**Jones, H.M.**, Awh, E. (2023). EEG Decoding Reveals Distinct Processes for Directing Spatial Attention and Encoding into Working Memory. Vision Science Society Meeting, 2023.

**Jones, H.M.**, Awh, E. (2023). EEG Decoding Reveals Distinct Processes for Directing Spatial Attention and Encoding into Working Memory. Presented at the Midway Meeting of the Memory Minds, 2022.

**Jones, H.M.**, Awh, E. (2022). EEG Decoding Reveals Distinct Processes for Directing Spatial Attention and Encoding into Working Memory. Presented at the 30th annual meeting for Object Perception, Attention, and Memory.

Vaidya, A. R., **Jones, H. M.**, & Badre, D. (2019). Testing neural representations of value and task space. Presented at the 49th annual meeting of the Society for Neuroscience.

**Jones, H. M.**, Vaidya, A. R., & Badre, D. (2018). Testing for context and value in the brain. Presented at the Brown University Undergraduate Teaching & Research Awards Summer Symposium.

# Awards

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Ruth Sosis Memorial Fellowship Award.....	2024
Neubauer Graduate Fellowship.....	2021
Undergraduate Teaching and Research Award Recipient.....	2018

# Travel Awards

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Norman Anderson Travel Award.....	2025
Norman Anderson Travel Award.....	2024
Norman Anderson Travel Award.....	2024
Norman Anderson Travel Award.....	2023

# Service

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University of Chicago Student Union Steward	2024-
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UChicago Psychology Graduate Student Organization	
President	2023-2024
Union Committee Head	2023-2024
Diversity & Inclusion Committee Member	2023-
Union Committee Member	2021-
Health & Wellness Committee Member	2021-

Reviewing	
Cerebral Cortex	
Current Biology	
European Journal of Neuroscience	
Imaging Neuroscience	
iScience	
Journal of Experimental Psychology: General	
Journal of Experimental Psychology: Learning, Memory and Cognition	
Journal of Neuroscience	
Nature Communications Psychology	
PLOS Biology	
Proceedings of the National Academy of Sciences	
Psychonomic Bulletin & Review	
Psychophysiology	