

## CHANNING EVERIDGE HAMBRIC

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### ACADEMIC APPOINTMENTS

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- 2026 - Present Visiting Assistant Professor  
*Lehigh University*
- 2024 - 2026 NSF Postdoctoral Research Fellow  
*Bowdoin College*  
*PI: Abhilasha Kumar, PhD, Assistant Professor*  
*Co-PI: Mike Jones, PhD, Indiana University - Bloomington*

### EDUCATION

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- 2024 PhD in Psychology  
*Lehigh University*  
*Advisor: Pat O'Séaghdha, PhD, Professor Emeritus (c. 2022)*
- 2020 Master of Science in Psychology  
*Lehigh University*
- 2018 Bachelor of Science in Psychology  
*William & Mary*

### PUBLICATIONS

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- Hambric, C. E.**, Rammell, C. S., Kronenberger, W. G., Pisoni, D. B., Jones, M. N., & Kumar, A. A. (2026). Signatures of adaptive memory search: How early linguistic input shapes strategic use of lexical information. *Journal of Experimental Psychology: General*, 155(7), 1589–1605. <https://doi.org/10.1037/xge0001917>. *\*Selected as Editor's Choice.*
- Hambric, C. E.**, Sides, J., Holmes, K. J., & Kumar, A. A. (2026). Representing object state change during sentence comprehension: Boundary conditions and language-specific constraints. *Journal of Memory and Language*, 149, 104764. <https://doi.org/10.1016/j.jml.2026.104764>
- Hambric, C. E.**, Middleton, E. L., Kumar, A. A. (2026). Lexical Search and Retrieval in Aphasia: A Computational Analysis of Semantic Fluency. *Journal of Speech, Language, and Hearing Research*, 1-19. Advance online publication. [https://doi.org/10.1044/2026\\_JSLHR-25-00906](https://doi.org/10.1044/2026_JSLHR-25-00906)

- Hambric, C. E.** (2025). Retuning Conceptual-Lexical Access: Does Interference Promote More Robust Learning?. *Psychological Research*, 89 (5), 1-14.  
<https://doi.org/10.1007/s00426-025-02169-2>
- Hambric, C. E.**, Holmes, K. J., Kumar, A. A. (2025). Are object state changes represented during language comprehension? A non-replication and extension. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 47).
- Hambric, C. E.**, Jones, M. N., Kumar, A. A. (2025). Lexical Search Dynamics in Taxonomic, Thematic, and Ad hoc Categories. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 47).
- Hambric, C. E.**, & O'Séaghdha, P. G. (2025). Retrieval-induced semantic interference. *Journal of Memory and Language*, 140, 104570. <https://doi.org/10.1016/j.jml.2024.104570>
- Hambric, C. E.**, & O'Séaghdha, P. G. (2023). The unseen, the seen, and the spoken: Latent and overt priming in cyclic picture naming. *Quarterly Journal of Experimental Psychology*, 76(10), 2410–2430. <https://doi.org/10.1177/1747021822114446>
- Hambric, C. E.** & O'Séaghdha, P. G. (2022). Aligning Language and Memory Accounts of Semantic Interference. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 44).
- Marvel, C. J., Bates, J. E., **Hambric, C. E.**, Braun, D. A., Arrington, C. A., & Harmer, M. P. (2021). The Lehigh Presidential Nano-Human Interface Project: Convergence of Materials, Computer, and Cognitive Science. *Materials Research Society Bulletin*, 46, 1-5.  
<https://doi.org/10.1557/s43577-021-00232-y>
- Thrash, T. M., Wadsworth, L. M., Sim, Y. Y., Wan, X., & **Everidge, C.** (2019). Implicit–Explicit Motive Congruence and Moderating Factors. In *The Oxford Handbook of Human Motivation*. <https://doi.org/10.1093/oxfordhb/9780190666453.013.11>

### Articles in Preparation

- Hambric, C. E.**, Nyhus, E., Lundin, N., Kumar, A. A. Oscillatory Dynamics of Explore-Exploit Trade-offs in Memory Search.
- Kumar, A. A., **Hambric, C. E.**, Zhang, L., Jones, M. N. *Semantigories*: A large-scale investigation of form-meaning interactions and category-level differences in semantic memory search.
- O'Séaghdha, P. G., **Hambric, C. E.**, Hupbach, A., Heflin, J. Task Specificity of Semantic Interference Effects in Production.

O'Séaghdha, P. G., Frazer, A., & **Hambric, C.E.** Preparation As a Mirror of Production: An Attentional Account of Phonological Preparation in Speaking.

## PRESENTATIONS

\*Student Mentee

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### *Talks*

**Hambric, C. E.** (March, 2026). Explore-Exploit Tradeoffs During Memory Search: The Predictive Role of Theta Oscillations. Talk presented at the Maine Society for Neuroscience Conference (Jackson Labs, Bar Harbor, ME).

**Hambric, C. E.** (April, 2025). From Elephants to Excuses: Modeling Semantic Search Across Domains. Talk presented at CogSci Area Meeting (Indiana University, Bloomington).

**Hambric, C. E.** (February, 2025). Categorical Cognition. Guest Lecture for *Cognition: The Science of How We Learn, Think, and Act*. (Bowdoin College).

**Hambric, C. E.** (April, 2023). Investigating Retrieval-Induced Semantic Interference. Talk presented at Cognition & Language Research Group (Lehigh University).

**Hambric, C. E.**, O'Séaghdha, P. G. (November, 2022). Aligning Language and Memory Accounts of Semantic Interference. Talk presented at the 63<sup>rd</sup> Annual Meeting of the Psychonomic Society.

**Hambric, C. E.** & O'Séaghdha, P. G. (July, 2022). Aligning Language and Memory Accounts of Semantic Interference. Flash Talk presented at the 44<sup>th</sup> Annual Meeting of the Cognitive Science Society.

**Hambric, C. E.** (May, 2020). Raising the Bar: Differentiating Immediate and Long-term Components of Semantic Interference in Language Production. Talk presented at Brown Bag Colloquia (Lehigh University).

**Everidge, C.** (May, 2019). Overt and Masked Priming in Cyclic Picture Naming.. Talk presented at Brown Bag Colloquia (Lehigh University).

### *Posters*

Brown, K.\*, **Hambric, C. E.**, Nyhus, E., Kumar, A. A. (March, 2026). Explore-Exploit Tradeoffs During Memory Search: The Predictive Role of Theta Oscillations. Poster presented at the Maine Society for Neuroscience Conference.

**Hambric, C. E.**, Nyhus, E., Kumar, A. A. (March, 2026). Explore-Exploit Tradeoffs During Memory Search: The Predictive Role of Theta Oscillations. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society.

- Hambric, C. E.**, Middleton, E. L., Kumar, A. A. (November, 2025). Computational Perspectives on Semantic Fluency Impairments in People with Aphasia. Poster presented at the 66<sup>th</sup> Annual Meeting of the Psychonomic Society.
- Hambric, C. E.**, Holmes, K. J., Kumar, A. A. (July, 2025). Are object state changes represented during language comprehension? A non-replication and extension. Poster presented at the 47<sup>th</sup> Annual Meeting of the Cognitive Science Society.
- Hambric, C. E.** & Kumar, A. A. (July, 2025). Lexical Search Dynamics in Taxonomic, Thematic, and Ad hoc Categories. Poster presented at the 47<sup>th</sup> Annual Meeting of the Cognitive Science Society.
- Kumar, A. A., **Hambric, C. E.** (November, 2024). Task and Resource Constraints Modulate Memory Search: Evidence from Gamified Experiments with Individuals, Groups, and Dyads. Poster presented at the 65<sup>th</sup> Annual Meeting of the Psychonomic Society.
- Chen, M., O'Séaghdha, P. G., **Hambric, C. E.** (November, 2024). Declaration of Feature Independence: Masked Onset Priming Effects Are Independent of Form Preparation but Support the Priority of Place Over Voice. Poster presented at the 65<sup>th</sup> Annual Meeting of the Psychonomic Society.
- Hambric, C. E.**, O'Séaghdha, P. G. (November, 2024). Adaptive Learning After Semantic Interference: Does Interference Promote Enhanced Relearning? Poster presented at the 65<sup>th</sup> Annual Meeting of the Psychonomic Society.
- Lim, R\*, Cooney, A.\*, Kumar, A. A., **Hambric, C. E.** (November, 2024). Group Differences in Lexical Source Use and Clustering During Memory Search. Poster presented at the 65<sup>th</sup> Annual Meeting of the Psychonomic Society.
- Chen, M., **Hambric, C. E.**, O'Séaghdha, P. G. (November, 2023). Phonemic Similarity in Production and Preparation: Is Place of Articulation Privileged? Poster presented at the 64<sup>th</sup> Annual Meeting of the Psychonomic Society.
- Hambric, C. E.**, O'Séaghdha, P. G. (June, 2022). Aligning Language Production and Memory Accounts of Semantic Interference. Poster presented at the 12<sup>th</sup> International Workshop on Language Production.
- LaMena, G.\*, Rosano, D.\*, Hallagan, N.\*, **Hambric, C. E.** (April, 2022). Boosting Semantic Interference for Thematically Related Words. Poster presented at the 36<sup>th</sup> Annual LVAIC Undergraduate Psychology Conference.
- Hambric, C. E.**, O'Séaghdha, P. G. (November, 2021). Solving the Problem of Cyclic Naming. Poster presented at the 62<sup>nd</sup> Annual Meeting of the Psychonomic Society.

**Hambric, C. E.**, O'Séaghdha, P. G. (November, 2020). Overt and Latent Semantic Competition in Picture Naming. Poster presented at the 61<sup>st</sup> Annual Meeting of the Psychonomic Society.

**Hambric, C. E.**, O'Séaghdha, P. G., Hupbach, A., Heflin, J. (March, 2020). Context Specificity of Semantic Interference Effects in Production. Poster presented at the 33<sup>rd</sup> Annual CUNY Sentence Processing Conference.

O'Séaghdha, P. G., **Hambric, C. E.**, Hupbach, A., Heflin, J. (November, 2019). Cross-Task Semantic Interference. Poster presented at the 60<sup>th</sup> Annual Meeting of the Psychonomic Society.

Miller, L.\*, Lu, Y.\*, Garcia, D.\*, Haber, N.\*, **Everidge, C.** (April, 2019). Subliminal Modulation of Semantic Interference. Poster presented at the 33<sup>rd</sup> Annual LVAIC Undergraduate Psychology Conference.

## **TEACHING EXPERIENCE**

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### *Lehigh University*

#### *Primary Instructor of Record:*

Introduction to Psychology (Fall 2026)

Research Methods & Data Analysis III (Fall 2026)

Psychology of Language (Fall 2026)

Cognitive Psychology (Summer Session 2021, 2022, 2023)

Cognitive Neuroscience Recitation (Fall 2020)

Research Methods & Data Analysis I, Lab (Spring 2019, Fall 2019)

Research Methods & Data Analysis III, Lab (Spring 2020, Spring 2021, Fall 2021)

#### *Teaching Assistant:*

Introduction to Cognitive Science (Spring 2024)

Introduction to Linguistics (Fall 2018, Fall 2022, Fall 2023)

Cognitive Neuroscience (Fall 2020)

Research Methods & Data Analysis I (Spring 2019, Fall 2019)

Research Methods & Data Analysis III (Spring 2020, Spring 2021, Fall 2021)

## **AWARDS**

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Cognitive Neuroscience Society Travel Award (2026), \$500

CAS Graduate Student Research Prize (Lehigh University, 2023), \$500

Dean's Semester Research Fellowship Award (Lehigh University, 2022), RA Stipend

Doctoral Travel Grant for Global Opportunities (Lehigh University, 2019), \$500

## **PROFESSIONAL AND SERVICE ROLES**

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*Encouraging Future Scientists: Supporting Undergraduates at Psychonomics* - Panelist (2025)  
Nano/Human Interface Presidential Initiative – Research Assistant (2023-2024)  
Participant Pool Coordinator (2022-2023)  
Representative to the Psychology Department Graduate Committee (2021-2022)  
Graduate Student Representative to the Lehigh University Advisory Committee for Research  
and Graduate Education (2020-2022)  
Graduate Student Representative to Lehigh University IRB (2019-2021)  
Coordinator of Weekly “Brown Bag” Colloquia (2019-2020)

### **Peer Review – Journals:**

*Memory & Cognition*  
*Psychonomic Bulletin & Review*  
*Memory*  
*Cognitive Science Society*  
*Journal of Experimental Psychology: Learning, Memory, and Cognition*  
*Journal of Experimental Psychology: Human Perception and Performance*  
*Journal of Neuropsychology*  
*Journal of Speech, Language, and Hearing Research*

## **PROFESSIONAL AFFILIATIONS**

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Psychonomic Society, Cognitive Science Society, Association for Psychological Science, Society  
for Human Sentence Processing, WICS +, Cognitive Neuroscience Society