

# MICHELLE PONGSOON AWH

mawh@uchicago.edu

## EDUCATION

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### The University of Chicago

*Bachelor of Science in Neuroscience*

2019-2023

## EXPERIENCE

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### Betley Lab, University of Pennsylvania

*Research Specialist*

December 2023 – Present

### Humbi Analytics

*Data Scientist*

March 2023 – October 2023

### EMK Lab, University of Chicago

*Data Science Intern*

February 2021 – June 2023

### Cimplifi

*IT Intern*

June 2022 – April 2023

### Genhackers, University of Chicago

*Research Team Member*

November 2019 – November 2020

## PUBLICATIONS

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- **Michelle P. Awh**, Kenneth W. Latimer, Nan Zhou, Zachary M. Leveroni, Anna G. Poon, Zoe M. Stephens, Jai Y. Yu. "Persistent Impact of Prior Experience on Spatial Learning." *eNeuro* 11.9 (2024).
- Nitsan Goldstein, Amadeus Maes, Heather N. Allen, Tyler S. Nelson, Kayla A. Kruger, Morgan Kindel, Nicholas K. Smith, Jamie R.E. Carty, Rachael E. Villari, Ella Cho, Erin L. Marble, **Michelle P. Awh**, Rajesh Khanna, Bradley K. Taylor, Ann Kennedy, J. Nicholas Betley. "A parabrachial hub for the prioritization of survival behavior." *Cell* (In Review).
- Ryan J. Post, Morgan Kindel, Nitsan Goldstein, Abby G. Lieberman, Niklas Blank, Nicholas K. Smith, **Michelle P. Awh**, Pei Wern Chin, A-Hyun Jung, Jamie R. E. Carty, Kayla A. Kruger, Rachael Villari, Ella Cho, Lukas Richie, Megan Timoney, Hallie C. Kern, Callie Jaycox, Bridget Skelly, Heather W. Collins, Emma N. Morley, Claire O. Kelly, Ethan J. Moore, Christian A. Fernandes, Trinity M. Kellarakos, Aaron D. McKnight, Frank S. Aguilar, Amber L. Alhadeff, Christoph A. Thaiss, Timothy A. Machado, J. Nicholas Betley. "Additive, non-intersectional action of hypothalamic hunger circuits overcomes cost for acquisition of food." *Cell* (In Review).

## PRESENTATIONS/POSTERS

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- *Experiential Diversity Increases Behavioral Flexibility During Exploration of Novel Tasks*. Neuroscience Undergraduate Research Symposium. Chicago, Illinois. May 2023.
- *The Impact of Experiential Diversity on Exploratory Behavior in Rats*. Midway Meeting of the Memory Minds. Chicago, Illinois. September 2022.
- *Optizyme: Computational Optimizing Biosynthetic Pathways*. iGEM 2020 Giant Jamboree. Virtual. November 2020.

## AWARDS AND HONORS

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- University of Chicago Sense of Community Award (2023)
- Data Science Institute (prev. Center for Data and Computing) Fellowship (2021)
- iGEM Competition Silver Medal (2020)