

Lucy Whitmore
lwhitmor@uoregon.edu
+1 530 327 8553

Education & Training

- 2021- PhD, Psychology, ABD
 Specialization in Data Science for Education
 University of Oregon
 Eugene, OR
- 2021-2022 Master of Science, Psychology
 University of Oregon
 Eugene, OR
- 2015-2019 Bachelor of Arts, with honors, Cognitive Science
 University of California, Berkeley
 Berkeley, CA

Research Experience

- 2019-2021 Lab Manager, Developing Brains in Context Lab
 University of Oregon
 Eugene, OR
- 2017-2019 Research Assistant, Computational Cognitive Neuroscience Lab
 University of California, Berkeley
 Berkeley, CA

Publications

*Equal author contribution

Preprints & Under Review

1. **Whitmore, L.** & Mills, K.L. (*in revision*). Higher perspective-taking relates to more peer connections in sixth grade.
2. **Whitmore, L.** & Beck, D. (2025). Brain age prediction in children and adolescents: current challenges and future directions.
https://doi.org/10.31234/osf.io/3xzah_v1
3. Weng, T. B., Vela, R. D., Weber, W., Dodla, M., Heinsfeld, A. S., Parker, S. D., ... & Craddock, R. C. (2021). The impact of customized head molds on motion and motion-related artifacts from structural and functional MRI scans in children. *medRxiv*, 2021-03.

2025

4. Beck, D., **Whitmore, L.**, MacSweeney, N., Brieant, A., Karl, V., de Lange, A. M. G., ... & Tamnes, C. K. (2025). Dimensions of early-life adversity are differentially associated with patterns of delayed and accelerated brain maturation. *Biological psychiatry*, 97(1), 64-72. <https://doi.org/10.1016/j.biopsych.2024.07.019>

2024

5. MacSweeney, N., Beck, D., **Whitmore, L.**, Mills, K. L., Westlye, L. T., von Soest, T., Ferschmann, L., & Tamnes, C. K. (2024). Multimodal Brain Age Indicators of Internalizing Problems in Early Adolescence: A Longitudinal Investigation. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. <https://doi.org/10.1016/j.bpsc.2024.11.003>
6. Ali, S.*, McCann, C.*, Thieu, M.*, **Whitmore, L.***, Laird, A. (2024). NowIKnowMyABCD: A Global Resource Hub for Researchers Using Data from the ABCD Study. *Developmental Cognitive Neuroscience*, 67, 101388. <https://doi.org/10.1016/j.dcn.2024.101388>

2023

7. **Whitmore, L.**, Weston, S.J., & Mills, K.L. (2023). BrainAGE as a measure of maturation during early adolescence. *Imaging Neuroscience*, 1, 1–21. https://doi.org/10.1162/imag_a_00037

2022

8. Weinstein, N. Y., **Whitmore, L.**, & Mills, K. L. (2022). Individual Differences in Mentalizing Tendencies. *Collabra: Psychology*, 8(1), 37602. <https://doi.org/10.1525/collabra.37602>
9. van Duijvenvoorde, A. C., **Whitmore, L.**, Westhoff, B., & Mills, K. L. (2022). A methodological perspective on learning in the developing brain. *npj Sci. Learn.*, 7(1), 12. <https://doi.org/10.1038/s41539-022-00127-w>
10. Saragosa-Harris, N. M., Chaku, N., MacSweeney, N., Williamson, V. G., Scheuplein, M., Feola, B., ... & Mills, K. L. (2022). A practical guide for researchers and reviewers using the ABCD Study and other large longitudinal datasets. *Developmental Cognitive Neuroscience*, 55, 101115. <https://doi.org/10.1016/j.dcn.2022.101115>
11. **Whitmore, L.**, & Mills, K. L. (2022). Co-creating developmental science. *Infant and Child Development*, 31(1), e2273. <https://doi.org/10.1002/icd.2273>

2021

12. Gau, R., Noble, S., Heuer, K., Bottenhorn, K. L., Bilgin, I. P., Yang, Y. F., ... & Marinazzo, D. (2021). Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. *Neuron*, 109(11), 1769-1775. <https://doi.org/10.1016/j.neuron.2021.04.001>

Oral Presentations

1. **Whitmore, L.**, Mills, K.L. (April 2024) The impact of social reward and social risk on peer relationships in the transition to middle school. Society for Research on Adolescence. Chicago, IL.
2. **Whitmore, L.**, Weston, S.J., Mills, K.L. (March 2024). BrainAGE as a measure of maturation in early adolescence. ABCD Insights & Innovations Meeting. Bethesda, Maryland.
3. **Whitmore, L.**, van Duijenvoorde, A., Mills, K.L. (October 2020). Making the most of longitudinal MRI to understand learning, reading, and language development. Society for the Neurobiology of Language symposium: "Capturing developmental brain dynamics: methods from longitudinal language research." Virtual.
4. **Whitmore, L.** (August 2018). Examining generalization and flexibility in structure learning with EEG. Summer Undergraduate Research Fellowship Annual Conference. Berkeley, CA.

Poster Presentations

2023

1. **Whitmore, L.**, Mills, K.L. (September 2023). Estimating BrainAGE with dynamic measures of structural brain development. Flux Society 2023.
2. McCann, C.F., Ali, S., **Whitmore, L.**, Thieu, M., Laird, A. (July 2023). Now I Know My ABCD! A Global Resource for Researchers Using the ABCD Study. Organization for Human Brain Mapping.
3. **Whitmore, L.**, Kornbluh, M., Mills, K.L. (April 2023) Adolescent impressions of research on brain maturity. Society for Research on Adolescence 2023.

2022

4. **Whitmore, L.**, Mills, K.L. (September 2022) Relationships between BrainAGE and maturational metrics in early adolescence. Flux Society 2022.
5. **Whitmore, L.**, Mills, K.L. (March 2022) Social environmental influences on temporal discounting behavior and functional brain connectivity in early adolescence. Society for Research on Adolescence 2022.

2021

6. **Whitmore, L.**, Hval, L., Freudmann, N., Mills, K.L. (May 2021) The role of digital technology use in maintaining social connections during social distancing. APS 2021.

7. Ochoa, K.D., **Whitmore, L.**, Hval, L., Mills, K.L. (May 2021) Perceived social support predicts feelings of gratitude for adolescents during social distancing. APS 2021.

2020

8. **Whitmore, L.**, Mills, K.L., (September 2020). Self-reported screen time and risk-taking in the transition into adolescence. Flux Congress 2020.

Honors & Awards

2024-2026	Navigating Educational Trajectories in Neuroscience Fellowship
2024	Henry V. Howe Scholarship
2024	University of Oregon General University Scholarship
2023	UO Library Open Access Article Processing Charge Award
2022	Honorable Mention, NSF Graduate Research Fellowship
2022	First Year Merit Award
2018	Summer Undergraduate Research Fellowship
2015-2019	Graphic Packaging International Scholarship
2015	California Alumni Association Leadership Award
2015	Inspire Foundation Scholarship
2015	Chico Women's Club Scholarship

Relevant Employment

2016-2019	Lawrence Hall of Science (Amgen Biotech Experience)
2015-2019	Cognitive Science Student Association, UC Berkeley. President (2018-2019), Vice President (2017-2018), Alumni Coordinator (2016-2017)
2017-2019	Hoyt Hall, Berkeley Student Cooperative. President (Spring 2018), Secretary (Fall 2018)
2016	Classroom Assistant, CalTeach

Public Outreach

2025	Classroom Outreach, Thurston Elementary School
2024	Classroom Outreach, North Eugene High School
2024	Classroom Outreach, Ridgeview Elementary School
2024	Summer Academy to Inspire Learning
2024	Mad Duck Science Fridays
2024	Classroom Outreach, Yujin Gakuen Elementary School
2023	Summer Academy to Inspire Learning

2023	Classroom Outreach, South Eugene High School
2023	Classroom Outreach, North Eugene High School
2023	Mad Duck Science Fridays
2022	Summer Academy to Inspire Learning
2022	Classroom Outreach, North Eugene High School
2020	Living Lab Day, Eugene Science Center
2020	Classroom Outreach, Spencer Butte Middle School
2016-2019	Cognitive Science Student Association at Cal Day (Annual)
2016-2019	Bay Area Science Festival (Annual)
2016-2019	Organizing Team of California Cognitive Science Conference (Annual)

Teaching Experience

2025, Winter	Environmental Psychology, Teaching Assistant
2024, Summer	Cognitive Development, Instructor of Record
2023, Fall	Psychology Honors – Neuroscience Toolbox, Guest Lecture (Oregon State University)
2023, Fall	Developmental Core Course – Graduate, Guest Lecture
2023, Spring	Research Methods – Developmental Psychology, Instructor of Record
2022, Fall	Developmental Psychopathology, Teaching Assistant
2022, Fall	Developmental Psychopathology, Guest Lecture
2022, Spring	Developmental Psychology, Teaching Assistant

Society Membership

Flux Society
 Society for Research on Adolescence
 Social and Affective Neuroscience Society
 Association for Psychological Science
 Society for the Neurobiology of Language
 Cognitive Science Society

Training and Workshops

2022

NeuroHackademy, University of Washington

2021

Computational Modeling in Development, Flux Congress

ABCD Workshop on Brain Development and Mental Health

2020

The Origins of Common Sense in Humans and Machines CogSci2020

Equity-Centered Design, hosted by Creative Reaction Lab

State Space Grid Workshop

2019

BrainHack Global, Eugene *organizer

MRI Safety Training, Lewis Center for Neuroimaging

2018

Summer Undergraduate Research Fellowship Workshops, UC Berkeley

Ad-hoc Reviewer

Developmental Cognitive Neuroscience

Human Brain Mapping

Infant and Child Development

Translational Psychiatry

References

Kathryn Mills, PhD

Associate Professor

Department of Psychology, University of Oregon

337 Straub Hall, University of Oregon

Eugene, OR, USA 97403

+1 502 377 2362

klmills@uoregon.edu

Dani Beck, PhD

Researcher

PROMENTA, Department of Psychology, University of Oslo

Forskningsveien 3A

0373 Oslo, Norway

+47 463 20 569

dani.beck@psykologi.uio.no