

Brittany T. Morin
University of California, San Francisco (UCSF)
550 16th Street, Mission Hall, San Francisco, CA 94158
She/Her/Hers - Brittany.Morin@ucsf.edu - +1 978 413 6027

EDUCATION

University of California, San Francisco, California Current Doctoral Student, PhD Epidemiology & Translational Science	2024-present
University of New Hampshire, Durham, New Hampshire MS Health Data Science	2020-2022
University of Massachusetts, Lowell, Massachusetts BA Psychology (Specialization: Human Services) magna cum laud	2007-2012

PROFESSIONAL APPOINTMENTS

Teaching Assistant DS217 - Introduction to Python & Data Science Tools University of California, San Francisco (UCSF), San Francisco, CA	2024-2025
Data Scientist Memory & Aging Center, Department of Neurology, University of California, San Francisco (UCSF), San Francisco, CA	2022-2024

GRANTS, SCHOLARSHIPS & AWARDS

Research Grants Training for Research on Aging and Chronic Disease (TETRAC) T32 Training Grant NIH Diversity Supplement on R00AG066934 (PI: Jet Vonk) “Preclinical markers of Alzheimer’s disease using psycholinguistic semantic measures”	2024-present 2023
Scholarships Dinesh Thakur Health Analytics Scholarship	2021

LIST OF PUBLICATIONS

Peer-reviewed Papers

1. Vonk JMJ, Ferrante FJ, **Morin BT**, et al. Automated item-level measures of verbal fluency in semantic and logopenic primary progressive aphasia. *Alzheimer's Dement.* 2026; 22:e71124.
<https://doi.org/10.1002/alz.71124>
2. Lian, X. Zhou, C. Guo, Z. Ye, **B.T. Morin**, Z. Ezzes, J.M.J. Vonk. (2025). Automatic Detection of Articulatory-Based Disfluencies in Primary Progressive Aphasia. *IEEE Journal of Selected Topics in Signal Processing*, vol. 19, no. 5, pp. 810-826, doi: 10.1109/JSTSP.2025.3579972
3. Vonk JMJ, **Morin BT**, Pillai J, et al. Automated Speech Analysis to Differentiate Frontal and Right Anterior Temporal Lobe Atrophy in Frontotemporal Dementia. *Neurology*. 2025;104(9):e213556.
doi:10.1212/WNL.00000000000213556

Manuscripts Under Review

1. Grebe, L.A., **Morin, B.T.**, Pillai, J., Baquirin, D.P.G., Ratnasiri, B., Bogley, R., Ezzes, Z., Wauters, L.D., Mandelli, M.L., Miller, Z.A., Tee, B.L., de Leon, J., Casaletto, K.B., Rosen, H.J., Gorno Tempini, M.L., Galletta, E.E., Goral, M., & Vonk, J.M.J. (under Review). Cognitive reserve and longitudinal changes in brain and cognition in semantic variant Primary Progressive Aphasia. *Journal of Alzheimer's and Dementia: The Journal of the Alzheimer's Association*.
2. Clarke, N., **Morin, B.T.**, Bedetti, C., Bogley, R., Pellerin, S., Houzé, B., Ramkrishnan, S., Ezzes, Z., Miller, Z., Gorno-Tempini, M.L., Vonk, J.M.J., Brambati, S.M. Automated transcription in primary progressive aphasia: Accuracy and effects on classification. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*.

Poster Presentations

1. Antonicelli, G., **Morin, B.T.**, Bogley, R., Ezzes, Z., Tee, B.L., de Leon, J., Miller, Z., Mandelli, M.L., Gorno-Tempini, M.L., Vonk, J.M.J. (2025). Acoustic markers of non-fluent and logopenic primary progressive aphasia through automated speech analysis of picture descriptions. *Society for the Neurobiology of Language Annual Meeting*, Washington D.C.
2. **Morin, B.T.**, Vonk, J.M.J., Huang, A.J. (2025). Examining the Trajectories and Implications of Endogenous Androgens in Midlife Women. *April Krueger Annual Women's Health Symposium*, Sacramento, CA.
3. **Morin, B.T.**, Rosado-Rolon, D., Ratnasiri, B., Baquirin, D.P., Ezzes, Z., Wauters, L.D., Henry, M.L., Miller, Z., Mandelli, M.L., Miller, B.L., Gorno-Tempini, M.L., & Vonk, J.M.J. (2024). Using Python to Analyze the Speech of Individuals with Alzheimer's Disease. *UCSF PROPEL Annual Symposium*, San Francisco, CA.
4. Rosado-Rolon, D., **Morin, B.T.**, Rodriguez, V., Brickman, A.M., Manly, J.J., Mayeux, R., & Vonk, J.M.J. (2024). A Novel Approach to Semantic Network Analysis Using Category Fluency Data. *The International Neuropsychological Society Conference*, New York City, NY.
5. Kim, M.H., Ying, G., **Morin, B.T.**, Olvera, A.G., Gibbons, L.E., Scollard, P., Lee, M.L., Klindinst, B.S., Nakano, C., Mez, J., Crane, P.K., ADNI and Choi, S.-E. (2024), The Role of Education on Brain Pathology and Cognitive Decline in the Language Domain Across Women and Men in the Alzheimer's Disease Neuroimaging Initiative Sample. *Alzheimer's Association International Conference (AAIC)*, Philadelphia, PA.

INVITED TALKS

COURSES & WORKSHOPS ATTENDED

Introduction to Epigenomics - Online Course	2025
Training in Reproducible Research on Aging for Social Science and Epidemiology <i>National Institute of Aging/National Institutes of Health R25AG078149</i>	2025
Advanced Psychometrics Methods in Cognitive Aging Research Workshop <i>Funded by National Institute on Aging to the University of California, Davis</i>	2023

TEACHING EXPERIENCE

Teaching Assistant, UCSF

<i>Epidemiologic Methods II</i>	2026
<i>Introduction to Python and Data Science Tools</i>	2024

DEPARTMENTAL/UNIVERSITY/ORGANIZATION SERVICE

UCSF PROPEL	2023-2024
BrainHack Organization Committee	2022

Peer Review

Ad hoc reviewer for:

1. Neurobiology of Aging	2024
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Other Projects

1. Illustration for <i>Mysteries of the Social Brain</i> by Bruce L. Miller & Virginia Sturm	2024
2. Co-illustrator for new Emotional Identification Task in UCSF Sturm Lab	2024