

CURRICULUM VITAE

Updated on August 27, 2026

Elizabeth Beam, M.D., Ph.D.

Employment

6/2026 – present	Clinical Scholar & Postdoctoral Scholar, Department of Psychiatry & Behavioral Sciences, Stanford University School of Medicine
6/2022 – 6/2026	Resident Physician in Psychiatry, Stanford Health Care
6/2013 – 7/2015	Clinical Research Coordinator, Department of Psychiatry, Massachusetts General Hospital

Education and Training

6/2025 – 6/2026	Fellowship of the American Psychoanalytic Association
9/2024 – 6/2026	Psychoanalytic Psychotherapy Training Program, San Francisco Center for Psychoanalysis
6/2022 – 6/2026	Residency in Psychiatry, Stanford University School of Medicine
9/2015 – 6/2022	Doctor of Medicine, Stanford University School of Medicine
9/2017 – 1/2021	Doctor of Philosophy, Neurosciences, Stanford University School of Medicine
8/2009 – 5/2013	Bachelor of Science, Neuroscience & Bachelor of Arts, English, Duke University

Licensure and Board Certification

- California Physician's and Surgeon's License #A190304 (expires November 2027)
- Drug Enforcement Agency Registration (expires July 2029)

Research Duties

6/2024 – present	Postdoctoral Scholar, Stanford Center for Precision Mental Health, Stanford University School of Medicine Supervisor: Dr. Leanne Williams, Ph.D.
9/2017 – 1/2021	Doctoral Candidate, Neurosciences Interdepartmental Program, Stanford University School of Medicine Supervisors: Dr. Amit Etkin, M.D., Ph.D. & Dr. Russ Poldrack, Ph.D.
1/2016 – 9/2017	Medical Scholars Research Fellowship, Stanford University School of Medicine Supervisor: Dr. Amit Etkin, M.D., Ph.D.
11/2015 – 5/2017	Participant in the Longitudinal Community Health Advocacy Medical Partnership, Stanford University School of Medicine Supervisor: Dr. Shaili Jain, M.D.
6/2013 – 7/2015	Clinical Research Coordinator, Massachusetts General Hospital & Center for Brain Science, Harvard University Supervisor: Dr. Randy Buckner, Ph.D.
5/2010 – 5/2013	Undergraduate Thesis Candidate, Center for Cognitive Neuroscience, Duke University Supervisor: Dr. Scott Huettel, Ph.D.

Honors and Awards

2025	Inaugural Research Training Program Certificate, American Psychoanalytic Association
2024	Trailblazing Trainee Award, Stanford University School of Medicine, Department of Psychiatry and Behavioral Sciences
2017	Leah J. Dickstein Medical Student Award, Association of Women Psychiatrists
2013	Graduation with Distinction in Neuroscience, Duke University
2013	Graduation with Highest Distinction in English, Duke University
2013	Summa Cum Laude, Duke University
2013	Schutt Senior Award for Outstanding Contributions in Creative Writing, Duke University

2012, 2013	Terry Welby Tyler, Jr. Award for Poetry, Duke University
2012	Critical Essay Award, Duke University
2012	Student Incentive Award in Science Education, Duke University
2011	Anne Flexner Poetry Award, Second Place, Duke University
2009 – 2013	Angier B. Duke Full-Tuition Memorial Scholarship, Duke University
2009	Cleveland Technical Societies Scholarship

Institutional Service

6/2025 – 6/2026	Co-Chief Resident of the Neuroscience Research Track, Psychiatry Residency Program, Stanford University School of Medicine
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Teaching Duties

Course Leadership and Classroom Teaching

1/2017 – 3/2020	Head Teaching Assistant (Winters 2019, 2020) and Teaching Assistant (Winters 2017, 2018) of The Nervous System (NBIO 206), Stanford University School of Medicine
9/2016 – 12/2018	Head Teaching Assistant (Fall 2018) and Teaching Assistant (Fall 2016, Winter 2017, Fall 2017) of Psychiatry Careers and Mental Health Perspectives for Medicine (PSYC 249SI in Fall, PSYC 277SI in Winter), Stanford University School of Medicine
9/2009 – 5/2012	Course Director (2012) and Ad Hoc Teacher (2009-2011) of Introduction to Neuroscience, North Carolina School for Science and Math

Professional Activities and Contributions

Local Professional Service

9/2016 – 6/2022	Founding Co-President of the Psychiatry Student Interest Group, Stanford University School of Medicine
1/2016 – 4/2016	Head of the Student Planning Committee, Medicine and the Muse Symposium, Stanford University School of Medicine

11/2015 – 6/2017	Participant in the Longitudinal Community Health Advocacy Medical Partnership, Stanford University School of Medicine and VA Palo Alto Health Care System
11/2013 – 5/2015	Session Lead of “Poetry in Motion” for the Behavioral Activation Group, Brigham & Women’s Hospital
8/2011 – 5/2013	Co-Chair of the John Spencer Bassett Student Funding Committee, Duke University
8/2009 – 5/2012	President (2012-13), Chair of Community Service (2011-12), and Teacher (2009-11) of the Synapse Neuroscience Club, Duke University

Regional Professional Service

4/2026 – present	Research Committee Member, San Francisco Center for Psychoanalysis
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Invited Local Presentations

2/3/2026	“Precision Speech Phenotyping of Depression Biotypes and Treatment Response” T32 Postdoctoral Fellowship Research Seminar, Stanford University, Virtual Presentation
5/27/2022	“A Data-Driven Ontology of Brain Function: Engineered, Interrogated, and Clinically Applied” Psychology Departmental Seminar Series, Stanford University, CA
5/6/2019	“A Computational Knowledge Engine for Human Neuroscience” Annual Stanford Medical Scientist Training Program Retreat, Stanford University School of Medicine, Santa Cruz, CA
11/1/2012	“Mapping Disciplinary Structures Using Network and Semantic Analysis” Text>Data Digital Scholarship Series, Duke University, NC

Invited Regional Presentations

4/16/2024	“Natural Language Processing Approaches to Understanding Psychosis” Comprehensive Understanding via Research and Education into Schizophrenia (CURESZ) Foundation, Virtual Presentation
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2/16/2023	“Medications in the Pipeline for Schizophrenia” Comprehensive Understanding via Research and Education into Schizophrenia (CURESZ) Foundation, Virtual Presentation
4/27/2013	“Brain Science and Our Creative Culture” Duke Forward Campaign for Duke University, New York City, NY

Invited National and International Presentations

1/29/2026	“Rest as Resistance: Reclaiming the Mind & Body from Systemic Oppression” Annual Meeting of the American Psychoanalytic Association, San Francisco, CA
2/3/2025	“Precision Phenotyping of Speech in Depression Biotypes” Inaugural Research Training Program of the American Psychoanalytic Association, San Francisco, CA
3/25/2025	“Data-Driven Mapping and Validation of a Framework for Human Brain Function” 30 th Anniversary Meeting of the Cognitive Neuroscience Society, San Francisco, CA

Memberships in Professional Organizations

2024 – present	American Psychoanalytic Association
2018 – present	American Psychiatric Association
2012	Phi Beta Kappa, Duke Chapter, Beta of North Carolina
2011, 2018	Society for Neuroscience
2009	Phi Beta Kappa, Cleveland Chapter

Editorial Boards and Ad Hoc Journal Review Service

2022	Ad Hoc Reviews Service, <i>Translational Psychiatry</i>
8/2012 – 5/2013	Founding Editor-in-Chief of the <i>Cantos</i> Poetry Magazine, Duke University
8/2009 – 5/2012	Co-Editor-in-Chief (2011-12), Associate Editor (2010-11), and Staff Editor (2009-10) of <i>The Archive</i> Literary Magazine, Duke University

Bibliography

Peer-Reviewed Articles

1. **Beam, E.H.**, Appelbaum, L.G., Jack, J., Moody, J., & Huettel, S.A. (2014). Mapping the semantic structure of cognitive neuroscience. *Journal of Cognitive Neuroscience*, 26(9), 1949-1965. DOI: 10.1162/jocn_a_00604.
2. Silless, V., Davidow, J.Y., Nielsen, J., Fan, Q., Hedden, T., Hollinshead, M., **Beam, E.H.**, Bustamante, C.V., Garrad, M.C., Santillana, R., Shaw, E., Hamadeh, A., Snyder, J., Drews, M.K., Van Dijk, K.R.A., Sheridan, M., Buckner, R.L., Somerville, L.H., & Yendiki, A. (2020). Registration-free analysis of diffusion MRI tractography data across subjects through the human lifespan. *NeuroImage*, 214(116703). DOI: 10.1016/j.neuroimage.2020.116703.
3. **Beam, E.H.**, Potts, C., Poldrack, R.A., & Etkin, A. (2021). A data-driven framework for mapping domains of human neurobiology. *Nature Neuroscience*, 24, 1733-1744. DOI: 10.1038/s41593-021-00948-9.
4. Tu, J., Tran, D., & **Beam, E.H.** (2022). Neurocysticercosis. *Radiological Society of North America Case Collection*. DOI: 10.1148/cases.20226020.

Book Chapters

1. Jack, J., Appelbaum, L.G., **Beam, E.H.**, Huettel, S.A., & Moody, J. (2017). Mapping rhetorical topologies in cognitive neuroscience. In L. Walsh & C. Boyle. (Eds.), *Topologies as Techniques for a Post-Critical Rhetoric* (pp. 125-150). New York, NY: Palgrave Macmillan.
2. **Beam, E.H.** & Ballon, J. (2024). A decade of drug discovery for schizophrenia: TAAR1 and muscarinic agonists. In B. Yeiser & H.A. Nasrallah (Eds.), *Awakenings: Stories of Recovery and Emergence from Schizophrenia* (pp. 217-220). Seattle, WA: Amazon.

Poster Presentations at Professional Meetings

1. **Beam, E.H.**, Appelbaum, L.G., Moody, J., & Huettel, S.A. (2011). Mapping the intrinsic structure of cognitive neuroscience. Society for Neuroscience Annual Meeting. Washington, DC.
2. **Beam, E.H.** & Huettel, S.A. (2013). Mapping the semantic structure of cognitive neuroscience. 8th Annual Atlantic Coast Conference Meeting of the Minds. Winston-Salem, NC.
3. **Beam, E.H.**, Coombs, G., Boeke, E., Crowell, S., Fava, M., Farabaugh, A.H., Holt, D.J., Buckner, R.L., & Holmes, A.J. (2014). Frontoparietal network connectivity associates with executive functioning deficits in young adults at risk for depression. 4th Biennial Conference on Resting State and Brain Connectivity. Cambridge, MA.

4. Holt, D.J., DeCross, S.N., Holmes, A.J., Boeke, E.A., **Beam, E.H.**, Coombs, G., Nyer, M., Buckner, R., Fava, M., & Farabaugh, A.H. (2014). Abnormal amygdala functional connectivity in youth with subclinical delusions. American College of Neuropsychopharmacology 53rd Annual Meeting. Phoenix, AZ.
5. Barbour, T., DeCross, S.N., Holmes, A.J., Boeke, E.A., **Beam, E.H.**, Coombs, G., Nyer, M., Tootell, R.B.H., Fava, M., Farabaugh, A.H., & Holt, D.J. (2014). Insecure attachment in at-risk youth is associated with hyper-responsivity of a parietofrontal cortical network involved in social behavior. American College of Neuropsychopharmacology 53rd Annual Meeting. Phoenix, AZ.
6. **Beam, E.H.**, Preston, S., & Jain, S. (2017). Preliminary outcomes of a novel protocol for phone-based management of antidepressant therapy initiated in primary care. 50th Annual Conference of the Society of Teachers of Family Medicine. San Diego, CA.
7. **Beam, E.H.**, Maron-Katz, A., & Etkin, A. (2017). Discovery of post-traumatic stress disorder biotypes by clustering subcortical volumetrics. 34th Annual Stanford Medical Student Research Symposium. Stanford, CA.
8. **Beam, E.H.** & Etkin, A. (2018). Toward a data-driven ontology of human brain function. Annual Stanford Medical Scientist Training Program Retreat. Santa Cruz, CA.
9. **Beam, E.H.**, Zhang, X., & Williams, L.M. (2026). Precision neurolinguistic mapping of a negative affect biotype and its modulation by MDMA. Society of Biological Psychiatry Annual Meeting. Virtual.

Community Articles

1. **Beam, E.H.** (2010). Sylvia Plath on edge: A case for the correlation of bipolar disorder and exceptional poetic creativity. *Eruditio: Duke Humanities Journal*, 50(1).
2. **Beam, E.H.** (2012). Creativity and the default network. *Neurogenesis: The Undergraduate Journal of Neuroscience*, 2(1).
3. **Beam, E.H.** (2013). Data: The bigger the better? *Harvard Science Review*, 27(1).
4. **Beam, E.H.** (2014). Brain and language on the fly: The neuroscience of linguistic improvisation. *Harvard Science Review*, 27(2).
5. **Beam, E.H.** (2018). Resolving conflict in the medial frontal cortex. *NeuWrite West Blog*.
6. **Beam, E.H.** (2019). How the brain learns to learn. *NeuWrite West Blog*.
7. **Beam, E.H.** (2020). A brief history of our language for the brain: Vocabulary, dictionary, and poetry. *NeuWrite West Blog*.

8. **Beam, E.H.** & Ballon, J. (2022). A decade of drug discovery for schizophrenia: TAAR1 and muscarinic agonists. *CURESZ Foundation Newsletter*.
9. **Beam, E.H.** (2022). Multiple immune cell types and a checkpoint implicated in myasthenia gravis. *Rare Disease Advisor*.

Patent

Etkin, A. & **Beam, E.H.** (2022). Machine learning based generation of ontology for structural and functional mapping. US Patent 11526808B2.

Research Funding

6/25/2025 – present	T32 Postdoctoral Research Fellowship, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine Developing a precision neurolinguistics framework to characterize circuit-based depression biotypes and their modulation by emerging psychiatric interventions
3/1/2024 – 10/31/2025	Trailblazing Trainee Award, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine Extracting latent psycholinguistic signatures of a cognitive subtype of depression and its response to transcranial magnetic stimulation
4/1/2020 – 6/12/2022	F30 Predoctoral Ruth L. Kirschstein National Research Service Award, National Institutes of Health
9/25/2017 – 6/12/2022	Medical Scientist Training Program, National Institutes of Health - Engineered a data-driven framework for knowledge of human brain function through computational synthesis of the neuroimaging literature - Applied the data-driven framework in high-throughput phenotyping of medical records and mapping biases in the neuroimaging field
1/4/2016 – 9/24/2017	Medical Scholars Research Fellowship, Stanford University School of Medicine
6/30/2016 – 9/30/2016	T32 Summer Medical Student Trainee Research Stipend, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine Identified brain-based subtypes of post-traumatic stress disorder through unbiased clustering and predictive classification of resting state functional connectivity in a multisite study