

UNIVERSITY OF PENNSYLVANIA – SCHOOL OF MEDICINE
Curriculum Vitae

Date: May 13, 2025

EMILY M. BEYDLER, MD

Email: emily.m.beydler@gmail.com

Education:
2013- 2017 BS The College of William and Mary (Neuroscience)
2019-2023 MD University of Florida College of Medicine

Postgraduate Training and Fellowship Appointments:
2023 – 2027 Resident in Psychiatry, University of Pennsylvania

Licensure:
Pennsylvania Training Medical License (2023-2027)

Awards, Honors, and Membership in Honorary Societies:
2025 Alexandra Symonds Fellowship, Association of
Women Psychiatrists
2025-2027 NIMH R25 Residency Research Track
2023 Peter Regan, M.D. Award, Department of Psychiatry,
University of Florida College of Medicine
2023 Outstanding Service Award, Office of Student
Counseling and Development, University of Florida
College of Medicine
2023 Developing Future Leaders in Academic Medicine &
Science, RISE, AAMC
2022 Alpha Omega Alpha Medical Honor Society
2019 Ruth L. Kirschstein NRSA T35 Grant, National Heart
Lung and Blood Institute
2019 Medical Student Research Program, Department of
Neurosurgery, University of Florida College of Medicine
2017-2019 Postbaccalaureate Intramural Research Training Award,
National Institute of Mental Health
2017 Cum Laude, The College of William and Mary
2017 Travel Award, Office of Student Leadership
And Development, The College of William and Mary
2016 Honors Fellowship, Department of Neuroscience,
The College of William and Mary
2014 English- Stonehouse Fellowship, Department of
Neuroscience, The College of William and Mary
2014 HHMI Research Grant, Department of Biology,
The College of William and Mary

Memberships in Professional and Scientific Societies:
International Societies:
International Society for Sexual Medicine (Member, 1/2025- Present)

National Societies:

Association of Women Psychiatrists (Member, 1/2025- Present)
American Psychiatric Association (Member, Council on Women's Mental Health,
8/2021- Present)
American Academy of Child and Adolescent (Member, 8/2021- Present)
American College of Obstetrics and Gynecology (Member, 12/2021- Present)

Local Societies:

Philadelphia County Medical Society

Academic and Institutional Committees:

2025- present	Peer Reviewer, Frontiers in Psychiatry
2024- present	Medical Student Mentor, Penn Medicine LGBTQ Housestaff Association Mentoring Program
2024- present	Peer Reviewer, Science Advances
2024- present	Co-president, National Reproductive Psychiatry Trainee Interest Group
2024- present	Resident Champion, Penn Psychiatry Women's Mental Health Concentration
2023-2024	Advocacy Chair, National Reproductive Psychiatry Trainee Interest Group
2022-2023	Student Director, Equal Access Psychiatry Clinic, University of Florida College of Medicine
2022-2023	MD Admissions Interviewer, University of Florida College of Medicine
2022-2023	Mentorship Chair, Alpha Omega Alpha Honor Society, University of Florida College of Medicine
2020-2023	Student Director, Suicide Prevention Workshop, University of Florida College of Medicine
2020-2021	Psychiatry Interest Group President, University of Florida College of Medicine
2015-2017	Philanthropy Chair, St. Jude Children's Research Hospital, The College of William and Mary

Academic and Clinical Teaching Responsibilities:

2024- present	Mentor, Perelman School of Medicine Psychiatry Residency Application Mentorship Program
2024- present	Reviewer, Science Advances
2023	Lecturer, "Neurobiological Mechanisms of Fear and Anxiety Disorders"- Brain Forum Research Seminar, Penn Department of Psychiatry
2023- present	Preceptor, PSY200: Clerkship in Psychiatry, Perelman School of Medicine
2023- present	Preceptor, MOD200B: Brain and Behavior, Perelman School of Medicine
2022-2023	Mentor, Women in Medicine and Science, University of Florida College of Medicine
2020	Lecturer, "Lower GI Disorders and the Enteric Nervous System" The College of William and Mary Department of Public Health
2018	Lecturer, "Nutrition and the Brain" The College of William and Mary Department of Public Health

Lectures by Invitation:

1. "Novel and Non-pharmacologic Therapeutics for Perinatal Mood Disorders" – American Psychiatric Association Annual Meeting. 2025 May 17.
2. "The Interplay of Gynecologic Disorders and Mental Health Throughout the Lifespan: Important Considerations for Psychiatrists" – American Psychiatric Association Annual Meeting. 2025 May 17.
3. "Breaking New Ground: Neurosteroid Innovations in Postpartum Depression Treatment" Yale Women's Mental Health Conference. 2025 May 02.
4. "Legislative Barriers to Electroconvulsive Therapy." – National Network of Depression Centers Neuromodulation Task Force Meeting. 2022 October 15.
5. "Cerebral Revascularization Reduces Stroke in Sickle Cell Disease with Moyamoya Syndrome: Preliminary Results of the Stroke in Sickle Cell Revascularization Study"– AANS/CNS Section on Pediatric Neurological Surgery Meeting. 2020 December 4.
6. "Effects of SRX246, a Vasopressin Receptor (V1a) Antagonist, on an Experimental Model of Phasic and Sustained Threat in Humans."–American College of Neuropsychopharmacology Annual Meeting. 2019 December 6.
7. "Repetitive transcranial magnetic stimulation reveals a causal link between right dlPFC activity and anxiety expression." – Society of Biological Psychiatry Annual Meeting. 2019 May.
8. "A method for conducting fMRI-guided, electric-field optimized transcranial magnetic stimulation at any cortical site."– Society for Neuroscience Annual Meeting. 2018 October.

Bibliography:

Research publications, pre-print:

1. Keller AS, Sun KY, Francisco A, Robinson H, **Beydler E**, Bassett DS, Cieslak M, Cui Z, Davatzikos C, Fan Y, Gardner M, Kishton R, Kornfield SL, Larsen B, Li H, Linder I, Pines A, Pritschet L, Raznahan A, Roalf DR, Seidlitz J, Shafiei G, Shinohara RT, Wolf DH, Alexander-Bloch A, Satterthwaite TD, Shanmugan S. Reproducible Sex Differences in Personalized Functional Network Topography in Youth. bioRxiv [\[Preprint\]](#). 2024 Sep 29:2024.09.26.615061. doi: 10.1101/2024.09.26.615061. PMID: 39386637; PMCID: PMC11463432.

Research publications, peer-reviewed:

2. **Beydler EM**, Katzell L, Dragonetti J, Ortiz N. Legislation limiting access to ECT is increasing - A call for updated ECT practice guidelines and adoption of evidence-based legislation. [*Journal of ECT*](#). 2025 June; 41(2). *In press*.

3. **Beydler EM**, Koire A, Steuber E, Taylor JJ, Mergler RJ. Rapid-Acting Treatments for Perinatal Depression: Clinical Landscapes and Future Horizons. International Journal of Environmental Research and Public Health. 2025; 22(4):546. <https://doi.org/10.3390/ijerph22040546>
4. Pritschet L, **Beydler E**, Shanmugan S. Toward personalized clinical interventions for perinatal depression: Leveraging precision functional mapping. Sci Adv. 2025 Mar 7;11(10):eadt8104. doi: 10.1126/sciadv.adt8104. Epub 2025 Mar 5. PMID: 40043108; PMCID: PMC11881911.
5. Aldana PR, Hanel RA, Piatt J, Han SH, Bansal MM, Schultz C, Gauger C, Pederson JM, Iii JCW, Hulbert ML, Jordan LC, Qureshi A, Garrity K, Robert AP, Hatem A, Stein J, **Beydler E**, Adelson PD, Greene S, Grabb P, Johnston J, Lang SS, Leonard J, Magge SN, Scott A, Shah S, Smith ER, Smith J, Strahle J, Vadivelu S, Webb J, Wrubel D. Cerebral revascularization surgery reduces cerebrovascular events in children with sickle cell disease and moyamoya syndrome: Results of the stroke in sickle cell revascularization surgery retrospective study. Pediatr Blood Cancer. 2023 Jul;70(7):e30336. doi: 10.1002/pbc.30336. Epub 2023 Apr 14. Pediatr Blood Cancer. 2023 Oct;70(10):e30558. doi: 10.1002/pbc.30558. PMID: 37057741.
6. **Beydler EM**, Otero J, Posa M, Stern AM. Convulsions with Gastroenteritis: A Case Report and Literature Review. The Florida Pediatrician. 2023 Aug.
7. Katzell L, **Beydler E**, Dos Santos AS, Vijayvargiya R, Carr BR. Rapid symptom control in neuroleptic malignant syndrome with electroconvulsive therapy: A case report. Front Psychiatry. 2023 Mar 23;14:1143407. doi: 10.3389/fpsyt.2023.1143407. PMID: 37032940; PMCID: PMC10076653.
8. Katzell L, **Beydler EM**, Holbert RC, Rodriguez-Roman L, Carr BR (2023, Feb). Electroconvulsive Therapy Use for Refractory Status Epilepticus in An Implantable Vagus Nerve Stimulation Patient: A Case Report. Frontiers in Psychiatry, 3;14:1126956.
9. Electroconvulsive Therapy in Super-refractory Status Epilepticus: A case and brief review of literature, Brain Stimulation. January 2023. Toffel S, **Beydler E**, Velez L, Gopinath S. DOI: 10.1016/j.brs.2023.01.325
10. **Beydler EM**, Katzell L, Schmidt L, Carr BR, Holbert RC. Case report: Rapid symptom resolution of a mixed affective state with high-frequency repetitive transcranial magnetic stimulation. Front Psychiatry. 2023 Feb 9;14:1137055. doi: 10.3389/fpsyt.2023.1137055. PMID: 36846231; PMCID: PMC9947494.
11. Lago TR, Brownstein MJ, Page E, **Beydler E**, Manbeck A, Beale A, Roberts C, Balderston N, Damiano E, Pineles SL, Simon N, Ernst M, Grillon C. The novel vasopressin receptor (V1aR) antagonist SRX246 reduces anxiety in an experimental model in humans: a randomized proof-of-concept study. Psychopharmacology (Berl). 2021 Sep;238(9):2393-2403. doi: 10.1007/s00213-021-05861-4. Epub 2021 May 10. PMID: 33970290; PMCID: PMC8376758.
12. Balderston NL, **Beydler EM**, Goodwin M, Deng ZD, Radman T, Lubner B, Lisanby SH, Ernst M, Grillon C. Low-frequency parietal repetitive transcranial magnetic stimulation

reduces fear and anxiety. Transl Psychiatry. 2020 Feb 17;10(1):68. doi: 10.1038/s41398-020-0751-8. PMID: 32066739; PMCID: PMC7026136.

13. Lago TR, Brownstein MJ, **Beydler EM**, Manbeck A, Beale A, Simon N, Ernst M, Grillon. Effects of SRX246, a Vasopressin 1a Receptor (V1a) Antagonist, on an Experimental Model of Phasic and Sustained Threat in Humans. Biological Psychiatry. 2020, 87(9), S167-S168. <https://doi.org/10.1016/j.biopsych.2020.02.443>
14. Balderston NL, Roberts C, **Beydler EM**, Deng ZD, Radman T, Lubner B, Lisanby SH, Ernst M, Grillon C. A generalized workflow for conducting electric field-optimized, fMRI-guided, transcranial magnetic stimulation. Nat Protoc. 2020 Nov;15(11):3595-3614. doi: 10.1038/s41596-020-0387-4. Epub 2020 Sep 30. PMID: 33005039; PMCID: PMC8123368.
15. Balderston NL, **Beydler EM**, Roberts C, Deng ZD, Radman T, Lago T, Lubner B, Lisanby SH, Ernst M, Grillon C. Mechanistic link between right prefrontal cortical activity and anxious arousal revealed using transcranial magnetic stimulation in healthy subjects. Neuropsychopharmacology. 2020 Mar;45(4):694-702. doi: 10.1038/s41386-019-0583-5. Epub 2019 Dec 2. PMID: 31791039; PMCID: PMC7021903.

Research Publications, in revisions

1. Yang C, **Beydler E**, Sisti D. Justice Delayed: The Case of Zuranolone and Barriers to Advancing Perinatal Mental Health, Psychiatric Services. *In revisions*.

Posters/Abstracts:

1. **Beydler EM**, Carr BR. Catamenial Migraine and Affective Disorders. Poster session presented at: World Congress of Neurology Annual Meeting/Montreal, CA; 2023, Oct 15; Montreal, CA.
2. **Beydler EM**, Carr BR, Zhang V. Rocuronium Associated with Relief of Jaw Pain from Electroconvulsive Therapy: A Case Report and Review of the Literature. Poster session presented at: International Brain Stimulation Conference; 2023, February 20; Lisbon, PRT.
3. **Beydler EM**, Toffel S, Velez L, Gopinath S. Electroconvulsive Therapy in Super-refractory Status Epilepticus. Poster session presented at: International Brain Stimulation Conference; 2023, February 20; Lisbon, PRT.
4. **Beydler EM**, Joy R, Carr BR. Legislative Barriers to Electroconvulsive Therapy. Poster session presented at: National Network of Depression Centers Annual Meeting; 2022, September 20; Ann Arbor, MI
5. **Beydler EM**, Aldana PR, Schultz C, Moody C, Han S, Shingru P. Management and Outcomes of Cerebral Vasculopathy in Children with Sickle Cell Disease: a Retrospective Registry. Poster session presented at: University of Florida Medical Student Research Day; 2021, February 16; Gainesville, FL

6. **Masi E**, Balderston NL, Roberts C, Deng Z, Radman T, Luber B, Lisanby S, Ernst M, Grillon C. Utilizing electric-field optimized fMRI-guided transcranial magnetic stimulation. Poster session presented at: Anxiety and Depression Association of America Annual Meeting; 2019, March 29; Chicago, IL
7. **Masi E**, Roberts C, Balderston NL, Deng Z, Radman T, Luber B, Lisanby S, Ernst M, Grillon C. Assessing Repetitive Transcranial Magnetic Stimulation to the Right Dorsolateral Prefrontal Cortex on Anxiety Potentiated Startle in Health Volunteers. Poster session presented at: NIH Postbac Poster Day; 2018, May 02; Bethesda, MD
8. **Masi E**, Roberts C, Balderston NL, Deng Z, Radman T, Luber B, Lisanby S, Ernst M, Grillon C. Optimizing fMRI-Guided Transcranial Magnetic Stimulation through Iterative Electric-Field Modeling. Poster session presented at: NIH Postbac Poster Day; 2018, May 02; Bethesda, MD
9. **Masi E**, Dickter C, Forestell C. Electrophysiological Measures of Attention in Children as a Function of Parental Escape Drinking. Poster session presented at: Association of Psychological Science; 2017, May 26; Boston, MA
10. **Masi E**, Burk J. Novel Lesioning of Cholinergic Neurons in the Thalamic Reticular Nucleus as a Model of Alzheimer's Disease. Poster session presented at: William and Mary Summer Research. Showcase; 2015, September 02; Williamsburg, VA

Editorials, Reviews, Chapters:

Beydler, E. (2024, April 6). Transcranial Magnetic Stimulation for Perinatal Depression. Essential Reads MGH Center for Women's Mental Health. Retrieved from <https://womensmentalhealth.org/posts/transcranial-magnetic-stimulation-for-perinatal-depression/>