

**CURRICULUM VITAE**

JOSHUA R. WORTZEL, MD, MPHIL, MS(ED)

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**EDUCATION**

*Undergraduate*  
9/2009-5/2013

Harvard College, Cambridge, MA  
A.B. in Human Developmental and Regenerative Biology  
Magna Cum Laude  
Harvard College Scholar 2011  
Harvard Stem Cell Institute Internship Fellowship 2011  
Herchel Smith Undergraduate Science Research Program 2010  
and 2012  
Sosland Prize for Best Piece of Expository Writing in Freshman  
Class 2010

*Graduate*  
10/2013 – 8/2014

Cambridge University, Cambridge, UK  
MPhil in Clinical Science – Translational Medicine and  
Therapeutics (TMAT)  
Herchel Smith Cambridge Scholar  
Cambridge Trust Scholarship

8/2014 – 5/2018

Stanford University Medical School, Stanford, CA  
MD  
Stanford Medical Scholars Research Program 2015  
Concentration: in Clinical Research

9/2019 – 6/2022

University of Rochester, Rochester, NY  
MS(Ed) in Health Professions Education

*Clinical Residency*  
7/2018 – 6/2022

University of Rochester, Rochester, NY  
Residency in General Psychiatry  
Chief Resident 2021 – 2022

*Clinical Fellowship*  
7/2022 – 6/2024

Brown University, Providence, RI  
Child and Adolescent Psychiatry Fellowship  
R-25 Research Track (R25MH125769)

**POSTGRADUATE HONORS AND AWARDS**

- 2024                    **Haffenreffer Family House Staff Excellence Award from Rhode Island Hospital:** One of 5 graduating residents or fellows at Brown University awarded \$11,000 for excellence in clinical care, leadership, research, and teaching.
- 2023 – 2025           **Group for the Advancement of Psychiatry Fellowship:** One of 14 psychiatry residents/fellows chosen from the US and Canada in recognition of outstanding clinical and academic achievement.
- 2023 – 2024           **AACAP Pilot Research Award for Early Career Faculty and Child and Adolescent Psychiatry Fellows:** Awarded \$15,000 to implement a research project on the clinical impact of climate change on adolescents' mental health.
- 2023                    **AACAP Outstanding Mentorship Award:** Related to mentorship as part of AACAP's Summer Medical Student Fellowship in Child and Adolescent Psychiatry.
- 2023                    **AACAP Research Colloquium for Early Career Investigators:** Awarded to 15 early research career child and adolescent psychiatrists to receive a full day of mentorship from leaders in the field and ongoing regular mentorship to increase the chance of independent grant funding as a principal investigator.
- 2023                    **Warren Alpert Medical School of Brown University Positive Champion Award:** Selected by medical students for demonstrating exemplary behaviors that promote a positive learning environment.
- 2021 – 2022           ***Academic Psychiatry* Trainee Editorial Fellowship:** One of 3 psychiatry residents/fellows chosen nationally by the editors of *Academic Psychiatry* to be mentored to function as an editor and editorial author for the journal.
- 2020 – 2022           **APA/APAF Leadership Fellowship:** Member and Chair (2021 – 2022). One of 20 North American psychiatry residents chosen by the American Psychiatric Association (APA) for leadership potential. Worked on projects with APA committees and Board of Trustees.
- 2020                    **NIMH Outstanding Resident Award Program – Honorable Mention:** One of 24 PGY-2 psychiatry residents chosen nationally as a recipient or honorable mention by the NIMH for their outstanding research and academic potential.
- 2020                    **New York State Psychiatric Association Resident-Fellow Poster**

2019 – 2021                      **Contest:** Awarded 2<sup>nd</sup> place

**ACGME *Back to Bedside* Research Award:** One of the 33 national resident/fellow leaders selected by the Accreditation Council for Graduate Medical Education (ACGME) for their *Back to the Bedside* initiative; awarded \$10,000 to implement the project

**PROFESSIONAL LICENSES**

Licensed Psychiatrist  
New York #315264-01  
Connecticut #78111

**ACADEMIC APPOINTMENTS**

7/1/2024                      Adjunct Assistant Professor  
Department of Psychiatry  
Yale University

**HOSPITAL APPOINTMENTS**

9/23/24                      Attending Psychiatrist  
Young Adults Intensive Outpatient Program  
Institute of Living, Hartford Healthcare

**OTHER EDUCATIONAL AND PROFESSIONAL ACTIVITIES**

Oct 2020 – March 2021    **Independent Study in Group Therapy:** Organized a weekly supervision with Deborah Healy, MD, Clinical Assistant professor, to review seminal texts on leading group psychotherapy.

Aug 2019 – June 2022    **Independent Study in Psychodynamic Theory:** Arranged a biweekly independent study with Stephen Munson, MD, Professor Emeritus in Psychiatry, University of Rochester, to review seminal psychoanalytic and psychodynamic texts.

May 2019 – Mar 2022    **Play Therapy Free Clinic:** Completed graduate coursework in play therapy, Department of Creative Arts Therapy, Nazareth College, Rochester, NY. Worked as therapist in free play therapy clinic, Nazareth College, Department of Creative Arts Therapy; three clients weekly under supervision of the Department Chair, Stephen Demanchick, PhD.

Jan 2019 – April 2021    **University of Rochester’s Psychiatry Free Clinic:** One of 2 residents selected to co-lead the St. Joseph’s Neighborhood Center After-Hours Free Psychiatry clinic for the greater Rochester area. Helped to administrate the clinical schedule and volunteered roughly biweekly to treat patients in the clinic.

**PROFESSIONAL ORGANIZATION APPOINTMENTS**

- June 2023 – Present      **APA Caucus on Mental Health and Climate Change:** Member
- April 2023 – Present      **AACAP Resource Group on Climate Mental Health;** Vice-Chair: One of 9 physicians appointed to this new group within AACAP, charged with the task of informing AACAP policy development on climate mental health and collaborating with AACAP committees on projects related to this emerging field. I was recently appointed Co-Chair of the newly created AACAP Committee on Climate Change, which will begin in October 2024.
- Feb 2021 – May 2025<sup>a</sup>  
June 2023 – May 2025<sup>b</sup>      **APA Climate Mental Health Committee:** Member (a); Chair (b)  
One of 8 physicians appointed to this new national committee.
- April 2020 – Mar 2023<sup>a</sup>  
April 2023 - Nov 2025<sup>b</sup>      **Group for the Advancement of Psychiatry – Climate Committee:**  
Participant (a); Fellow (b): One of 9 members conducting research and writing academic articles on the impacts of climate on mental health and wrote a children’s book modeling conversations about eco-anxiety.
- Nov 2019 – June 2022      **AACAP Alliance for Learning and Innovation,** national workgroup of the AACAP Training & Education Committee: Resident member: A group of child psychiatry program directors, fellows, and psychiatry residents to develop innovative teaching strategies.
- Aug 2019 – June 2020<sup>a</sup>  
June 2020 – Present<sup>b</sup>      **Climate Psychiatry Alliance (CPA) – Non-Profit Organization:**  
Member (a); Steering committee member (b): One of 10 psychiatrists on the steering committee of this national organization working to educate the public about the impact of climate change on mental health.

**UNIVERSITY AND HOSPITAL COMMITTEES**

- July 2019 – June 2020      **University of Rochester Graduate Medical Education (GME) Committee:** Member: One of 2 elected representatives from the psychiatry residency program to meet monthly with the GME representatives of all departments to reform curriculum throughout Strong Hospital, University of Rochester.
- Jan 2019 – June 2020  
July 2021 – June 2022      **University of Rochester Department of Psychiatry Residency Curriculum Committee:** Member: One of 8 elected representatives from the psychiatry residency
- Jan 2016 – Nov 2016      **Stanford University Medical School Curriculum Review Executive Committee:** Member: One of 4 student representatives working with the deans of the medical school to optimize the medical school curriculum.

**EDITORIAL EXPERIENCE**

Assistant Editor	Journal of <i>Academic Psychiatry</i> (2021 – 2022)
Reviewer	Journal of Academic Psychiatry (2021 – present) Ecopsychology (2023 – present) Psychosomatic medicine (2021)

### MEMBERSHIP IN SOCIETIES

Member	American Psychiatric Association (APA) American Academy of Child and Adolescent Psychiatry (AACAP) Rhode Island Psychiatric Society (RIPS) American Medical Association (AMA)
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### METRICS

h-index = 7  
i10 index = 7  
Citations (Google Scholar) = 284

### PUBLICATIONS LIST

#### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Wortzel JR**, Lee J, Mark B, Benoit L, Rubano A, Pinsky EG. (2022). Current and future directions of research on climate change and pediatric mental health: A qualitative analysis of interviews with researchers in the field. *Academic Psychiatry*. <https://doi.org/10.1007/s40596-022-01707-z>.
2. **Wortzel JR**, Haase E, Mark B, Stashevsky A, Lewis, J. (2022). Teaching to Our Time: a Survey Study of Current Opinions and Didactics About Climate Mental Health Training in US Psychiatry Residency and Fellowship Programs. *Academic Psychiatry*. <https://doi.org/10.1007/s40596-022-01680-7>.
3. **Wortzel JR**, Guerrero APS, Aggarwal R, Coverdale J, Brenner AM. (2022). Climate change and the professional obligation to socialize physicians and trainees into an environmentally sustainable medical culture. *Academic Psychiatry*. <https://doi.org/10.1007/s40596-022-01688-z>.
4. Wortzel JD, Champlin LK, **Wortzel JR**, Lewis J, Haase E, Mark B. (2022). Reframing climate change: Using children’s literature as a residency training tool to address climate anxiety and model innovation. *Academic Psychiatry*. <https://doi.org/10.1007/s40596-022-01651-y>.
5. **Wortzel JR**, Maeng DD, Francis A, Oldham MA. (2022). Evaluating the Effectiveness of an Educational Module for the Bush-Francis Catatonia Rating Scale. *Academic Psychiatry*, 1-9.
6. Senay E, Levine R, Shepherd JM, Rizzo A, Yitshak-Sade M, Carrión D, ... **Wortzel JR**, ... & Sheffield P. (2022). Mental Health and Well-Being for Patients and Clinicians: Proceedings of the Fourth Annual Clinical Climate Change Meeting, January 7, 2022. *Journal of Occupational and Environmental Medicine*, 64(10), e661-e666.
7. **Wortzel JR**, Maeng, DD, Francis A, Oldham MA. (2021). Prevalent gaps in understanding the features of catatonia among psychiatrists, psychiatry trainees, and medical students. *The Journal of Clinical Psychiatry*, 82(5), 36084.
8. **Wortzel JR**, Turner BE, Weeks BT, Fragassi C, Ramos V, Truong T, Li D, Sahak O,

- O'Connor TG. (2021). Trends in US pediatric mental health clinical trials: An analysis of ClinicalTrials.gov from 2007–2018. *PLOS ONE* 16(4): e0248898.
9. **Wortzel JR**, Stashevsky A, Wortzel JD, Mark B, Lewis J, & Haase E. (2021). Estimation of the carbon footprint associated with attendees of the American Psychiatric Association annual meeting. *JAMA Network Open*, 4(1), e2035641-e2035641.
  10. Wyman PA, Rulison K, Pisani AR, Alvaro EM, Crano WD, Schmeelk-Cone K, Elliot CK, **Wortzel JR**, Pickering TA and Espelage DL. (2020). Above the influence of vaping: Peer leader influence and diffusion of a network-informed preventive intervention. *Addictive Behaviors*, 113, 106693.
  11. **Wortzel JR\***, Turner B\*, Weeks B, Fragassi C, Ramos V, Truong T, Li D, Sahak O, Lee H. (2020). Trends in mental health clinical research: Characterizing the ClinicalTrials.gov registry from 2007 – 2018. *PLOS ONE*, 15(6), e0233996.
  12. **Wortzel JR**, Norden JG, Turner BE, Haynor DR, Kent ST, Al-Hamdan MZ, Avery D, Norden MJ. (2019). Ambient temperature and solar insolation are associated with decreased prevalence of SSRI-treated psychiatric disorders. *Journal of Psychiatric Research*, 110, 57-63.
  13. **Wortzel JR**, Spiegel D. (2017). Hypnosis in cancer care. *American Journal of Clinical Hypnosis*, 60(1), 4-17.
  14. Jay, SM, Murthy AC, Hawkins JF, **Wortzel JR**, Steinhauser ML, Alvarez LM, ... & Lee RT. (2013). An engineered bivalent neuregulin protects against doxorubicin-induced cardiotoxicity with reduced proneoplastic potential. *Circulation*, 128(2), 152-161.

### ORIGINAL PUBLICATIONS UNDER REVIEW OR IN PREPARATION

1. Shaligram D, Acquaye A, **Wortzel JR**, DeJong S. Climate Mental Health Disparities: A Biopsychosociocultural Perspective. (Submitted, *JAACAP*).
2. Jayaraman P\*, **Wortzel JR\***, Christ RR, Wei G, Nugent, NR. Deadly heat: An analysis of how ambient temperature is associated with increased suicidality in children, adolescents, and young adults in the US. (In process, plan to submit to *AJP* by July 31, \*co-first authors)
3. **Wortze JR**, Brown KA, Donnelly FP, Cancilliere MK, Chen E, Donise K, Nugent NR. Evidence that sleep disruption may be a causal link for how ambient temperature impacts suicidality in young people. (In process, plan to submit to *JAACAP* by July 31).
4. **Wortzel JR**, Ramirez L, Wolff JC, Benito KG, Nugent NR. Climate Distress: An analysis of risk factors and functional impairment in a clinical sample of young people. (In process).

\* Shared first author manuscript – both authors have contributed equally to this publication

### BOOKS AND BOOK CHAPTERS

1. **Wortzel JR**. Climate change and children and youth mental health, *Environment and Health*. Lindert J & Baccarelli A (Editors) [Textbook], Springer International. (In press).
2. **Wortzel JR**. A Research Agenda for Young People's Psychological Responses to Climate Change (2024), *Climate Change and Youth Mental Health: Multiple Disciplines Respond*. Hudson K & Haase E. (Editors) [Textbook]. Cambridge University Press, p168-186.
3. Crawford J, Goldsmith M, **Wortzel JR**, Shaw R. (2018). Chapter 12 - Pediatric delirium, *Complex Disorders in Pediatric Psychiatry*. Driver D & Thomas SS (Editors) [Textbook]. Elsevier; p135-153.

**OTHER NON-PEER REVIEWED PUBLICATIONS**

1. Pinsky E, **Wortzel JR**. (2023, April). The Climate Change Crisis and Child Psychiatry – Get Involved! *AACAP News*.
2. Shaligram D, **Wortzel JR**, Pinsky E. (2023, March 29). Climate change: A Call to Action from AACAP Members and Leadership. *International Association of Child and Adolescent Psychiatry and Allied Professions Bulletin*. <https://iacapap.org/news/climate-change-a-call-to-action-from-aacap-members-and-leadership.html>
3. Oldham, MA, **Wortzel JR**. (2022, August 9). What Are Clinicians Missing About Catatonia? *Psychiatric Times*. <https://www.psychiatristimes.com/view/what-are-clinicians-missing-about-catatonia->
4. Oldham, MA, **Wortzel JR**. (2022, June 16). So That’s What Catatonia Looks Like? *Psychiatric Times*. <https://www.psychiatristimes.com/view/so-that-s-what-catatonia-looks-like->
5. Wortzel JD, **Wortzel JR**, Haase E. (2021, April 29). Can Psychiatry Sustain Connections While Hosting Sustainable Conferences? *Psychiatric Times*. <https://www.psychiatristimes.com/view/can-psychiatry-sustain-connections-while-hosting-sustainable-conferences>
6. **Wortzel JR**, Haase E. (2020, April 14). The Effects of Rising Global Temperatures on Mental Health. *Psychiatric News*. <https://doi.org/10.1176/appi.pn.2020.4b24>

**ABSTRACTS/SYMPOSIA/PRESENTATIONS**Oral Presentations:

1. **J Wortzel**, Britt Wray. “The Impact of Climate Change on Mental Health.” (November, 2024). [Grand Rounds]. Stanford University, Department of Psychiatry (Online) November 21, 2024.
2. **J Wortzel**. “The Impact of Climate Change on Mental Health.” (November 2024). [Grand Rounds]. Colby College, Department of Psychology, Waterville, Maine, November 1, 2024.
3. **J Wortzel**. “The Neuropsychiatric Impacts of Climate Change on the Mental Health of Children.” J Wortzel (chair) [Symposium]. American Academy of Child and Adolescent Psychiatry 2024 Annual Meeting, Seattle, Washington, Oct 16, 2024.
4. **J Wortzel**. “Heeding the Psychological Trauma of Climate Change: Multiple Perspectives From Child and Adolescent Psychiatrists Across America: The Impacts of Ambient Heat on the Mental Health of Children.” E Ihle and J Wortzel (chairs) [Symposium]. American Academy of Child and Adolescent Psychiatry 2024 Annual Meeting, Seattle, Washington, Oct 15, 2024.
5. **J Wortzel**. “Neuropsychiatric effects of climate change and medical considerations.” S Weinstein, D Shaligram, E Pinsky (chairs) [Symposium]. New England Council of Child and Adolescent Psychiatry (Online), September 7, 2024.
6. **J Wortzel**. “The Impacts of Climate Change on Mental Health: An Overview.” (July, 2024). [Grand Rounds]. Hackensack Meridian, Department of Psychiatry and Behavioral Health (Online), July 10, 2024.
7. **J Wortzel**. “Climate Anxiety and Reasonable Hope.” S Sorensen (chair) [Symposium]. Columbia University’s Global Consortium on Climate and Health Education’s Climate Change and Health Bootcamp (Online), June 13, 2023.

8. **J Wortzel.** “The Impact of Climate Change on Mental Health.” (May, 2024). [Grand Rounds]. Maimonides Medical Center, Department of Psychiatry (Online) May 15, 2024.
9. **J Wortzel.** “The Impacts of Climate Change on Mental Health.” [Symposium]. Climate Change and Health Symposium 2024: Collaborative Actions for Transformation, Brown University, Providence, RI, May 4, 2024.
10. **J Wortzel.** “Research Gaps at the Intersection of Climate Change, Health, and Equity.” (April, 2024). [Symposium]. National Academy of Medicine, (Online) April 22, 2024.
11. **J Wortzel, E Lewandowski.** “The Impact of Climate Change on Pediatric Mental Health.” (April, 2024). [Grand Rounds]. New York University (NYU), Department of Child and Adolescent Psychiatry, (Online) April 19, 2024.
12. **J Wortzel.** “An overview of the impacts of heat on mental health.” (April, 2024). [Symposium]. Protecting Health in a Changing Climate Conference, University of Virginia School of Nursing, (Online) April 13, 2024.
13. **J Wortzel, J Lee, S Sugden.** “What’s Climate Got to Do With It: What Every Psychiatrist Should Know About How Climate Change Impacts Mental Health.” (January, 2024). [Webinar]. American Psychiatric Association Virtual Immersive, (Online) January 24, 2024.
14. **J Wortzel.** “The Impact of Climate Change on Mental Health.” (January, 2024). [Grand Rounds]. University of Buffalo, Department of Psychiatry, (Online) January 12, 2024.
15. **J Wortzel.** “The Impact of Climate Change on Mental Health.” (December, 2023). [Grand Rounds]. Harvard South Shore/VA Boston Mental Health, Department of Psychiatry, (Online) December 13, 2023.
16. **J Wortzel.** “The Impact of Climate Change on Mental Health.” (November, 2023). [Grand Rounds]. Institute of Living, Department of Psychiatry, Hartford, CT, November 30, 2023.
17. **J Wortzel, J Lewis.** “Mental health in a Warming World: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (November, 2023). [Grand Rounds]. Dartmouth-Hitchcock Medical Center, Lebanon, NH, November 14, 2023.
18. **J Wortzel.** “What you can do about climate change: An interactive, case-based session to provide psychiatrists toolkits to address their clinical, organizational, and advocacy roles in the climate crisis.” J Wortzel (chair) [Symposium]. American Academy of Child and Adolescent Psychiatry 2022 Annual Meeting, New York City New York, Oct 27, 2023.
19. **J Wortzel, J Lewis.** “Mental health in a warming world: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (October, 2023). [Grand Rounds]. Harvard University - Beth Israel Deaconess Medical Center, Department of Psychiatry (Online), October 19, 2023.
20. **J Wortzel.** “The Impact of Climate Change on Pediatric Mental Health.” (October, 2023). [Grand Rounds]. Brown University - Bradley Hospital, East Providence RI, USA, October 11, 2023.
21. **J Wortzel.** “The Impacts of Climate Change on Mental Health.” (September, 2023). [Lecture]. Boston Society of Neurology, Neurosurgery, and Psychiatry. Boston, MA. September 28, 2023.
22. **J Wortzel.** “Climate Distress and Reasonable Hope.” (September, 2023). [Symposium]. Missouri Psychiatric Physicians Association Fall Conference (Online), September 23, 2023.
23. **J Wortzel, J Lewis.** “Mental Health in a Warming World: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (September, 2023). [Grand Rounds]. University Hospitals Cleveland Behavioral Health Institute – Case Western Reserve, Department of Psychiatry (Online), September 22, 2023.



24. **J Wortzel**, “Youth and Eco-Distress.” (September, 2023). [Symposium]. Climate Change and Human Health ECHO Team – University of University of New Mexico Health Sciences Center (Online), September 13, 2023.
25. **J Wortzel**. “Climate Anxiety and Reasonable Hope.” S Sorensen (chair) [Symposium]. Columbia University’s Global Consortium on Climate and Health Education’s Climate Change and Health Bootcamp (Online), June 29, 2023.
26. **J Wortzel**. “COP<sup>2</sup>: A Global Response to the Mental Health Needs of Our Climate Crisis.” (May, 2023). E Hasse (chair) [Town Hall]. American Psychiatric Association 2023 Annual Meeting, San Francisco, USA, May 21, 2023.
27. **J Wortzel**. “The Impact of Climate Change on Pediatric Mental Health.” (March, 2023). [Grand Rounds]. University of California San Diego/Rady Children's Hospital (Online).
28. **J Wortzel**, E Pinsky. “The impact of Climate Change on Pediatric Mental Health.” (February, 2023). [Grand Rounds]. Centers of Medicare and Medicaid Services (Online).
29. **J Wortzel**. “Teaching to Our Time: The Present and Future of What Is Taught to US Psychiatry Trainees about Climate Mental Health Speaker's Corner.” (October, 2022). J Wortzel & E Pinsky (chairs) [Symposium]. American Academy of Child and Adolescent Psychiatry 2022 Annual Meeting, Toronto, Canada, Oct 19, 2022.
30. **J Wortzel**, J Lewis. “Mental Health in a Warming World: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (October, 2022). [Grand Rounds]. Rutgers University (Online).
31. **J Wortzel**. “Climate & Health: Towards Climate-informed Practice and Advocacy.” (June, 2022). [Lecture]. Dartmouth Health Climate Echo Program (Online).
32. **J Wortzel**. “Shrinking the carbon footprint of American psychiatry: Meeting the demands of climate change.” (May 2022). E Haase (chair) [Panel]. American Psychiatric Association 2022 Annual Meeting, New Orleans, LA, May 24, 2022.
33. **J Wortzel**, J Lewis. “Mental Health in a Warming World: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (April, 2022). [Grand Rounds]. University of Central Florida College of Medicine (Online).
34. **J Wortzel**. “An inconvenient education: Finding room for climate mental health in residency curricula.” (March 2022). S DeJong (chair) [Workshop]. AADPRT 2022 Annual Meeting (Online).
35. **J Wortzel**. “Strategies for Addressing Eco-anxiety in Children and Teens.” (January, 2022). EG Pinsky (chair) [Symposium]. Clinical Climate Change 2022 Annual Meeting (Online).
36. **J Wortzel**. “Think you know about catatonia? Think again.” (November, 2021). MA Oldham (chair) [Symposium]. Academy of Consultation-Liaison Psychiatry 2021 Annual Meeting (Online).
37. **J Wortzel**, J Lewis. “Mental Health in a Warming World: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (November, 2021). [Grand Rounds]. University of Rochester (Online).
38. **J Wortzel**. “The Carbon Footprint of American Psychiatry and What We Can Do to Reduce It” (October, 2021). J Wortzel & E Pinsky (chairs) [Symposium]. American Academy of Child and Adolescent Psychiatry 2021 Annual Meeting (Online).
39. **J Wortzel**. “Resident-As-Teacher Program Presents Clinical Teaching Three Ways: Nourishing Our Learners While Caring for Our Patients (October, 2021). B Kurtz (chair) [Symposium]. American Academy of Child and Adolescent Psychiatry 2021 Annual Meeting, Atlanta, Georgia.

40. **J Wortzel**, J Lewis. “Mental Health in a Warming World: The epidemiology, neuroscience, and indirect effects of increasing ambient temperatures on mental health.” (August, 2021). [Grand Rounds]. University of Massachusetts Medical School (Online).
41. **J Wortzel**. “The Climate Crisis and Mental Health: What Will You Do?” (May 3, 2021). D Pollack (chair) [Panel]. American Psychiatric Association 2021 Annual Meeting (Online).
42. **J Wortzel**. “Mental Health in a Warming World: The epidemiology and neuroscience of the effects of increasing ambient temperatures on mental health” (March 26, 2021). S Peterson (chair) [Symposium]. American Psychiatric Association 2021 (On Demand online).
43. **J Wortzel**. “The Carbon Footprint of the APA Annual Meeting” (January 27, 2021). E Haase (chair) [Symposium]. American Psychiatric Association 2021 Annual Meeting (APA On Demand online).
44. **J Wortzel**. “The relationship between ambient temperature, serotonin, and psychiatric disorders: Implications for pediatric mental health” (October 23, 2020). M Ingaszewski (chair) [Symposium]. American Academy of Child and Adolescent Psychiatry 2020 Annual Meeting (Online).
45. **J Wortzel**, K Soe, S Jacobson. “How to teach the lay public about issues in child psychiatry through writing Op-Eds” (October 21, 2020). B Kurtz (chair) [Symposium]. American Academy of Child and Adolescent Psychiatry 2020 Annual Meeting, San Francisco, CA (Online).
46. **J Wortzel**. “Hot-headed: The epidemiology and neuroscience of brains in a world that’s heating up” (April 27, 2020). E Haase (chair) [Symposium]. American Psychiatric Association 2020 Annual Meeting (APA On Demand online).
47. **J Wortzel**, M Fisk, S Nagarajan, J Cheriyan. “An analysis of 18F-FDG PET-CT associated adipose inflammation in atherosclerosis, chronic obstructive pulmonary disease and rheumatoid arthritis.” Cambridge University Translational Medicine and Therapeutics Research Day, Cambridge, UK, June 27, 2014.

#### Poster Presentations:

1. **J Wortzel**, P Jayaraman, N Nugent. “The association of ambient temperature and suicide in young people: A preliminary ecological study.” Mind Brain Research Day, Brown University, Providence, RI, March 27, 2024.
2. P Jayaraman, **J Wortzel**. “The Association of Ambient Temperature and Suicide in Young People: An Ecological Study.” AACAP 2023 Annual Meeting, October 28, 2023. NYC, New York.
3. **J Wortzel**, E Haase, J Rothschild, M Nickels. “Teaching to our time: A survey study of current opinions and didactics about climate mental health training in US psychiatry residency and fellowship programs.” AADPRT 2022 Annual Meeting, March 10, 2022 (Online).
4. **J Wortzel**, E Wielgus, J Ward, L Guttmacher. “REGROUP: Resident Educational Groups to Reflect, Open Up, and Unite with Patients & Peers – Final Analysis.” ACGME Annual Educational Conference, Nashville, TN, February 26, 2021 (Online).
5. **J Wortzel**, P Wyman. “Using social network theory to reduce adolescent vaping.” American Academy of Child and Adolescent Psychiatry 2020 Annual Meeting (Online), October 22, 2020.
6. **J Wortzel**, E Wielgus, J Ward, L Guttmacher. “REGROUP: Resident Educational Groups to Reflect, Open Up, and Unite with Patients & Peers – Preliminary Findings.” ACGME Back to the Bedside Collaborative Meeting – Session 2, Chicago, IL, May 2, 2020 (*Accepted, conference canceled due to COVID pandemic*).

7. **J Wortzel**, B Turner, B Weeks, C Fragassi, V Ramos, T Truong, D Li, O Sahak, BH Lee. “Trends in Mental Health Clinical Trials Over the Past Decade: An Analysis of the 11,176 Trials Reported in ClinicalTrials.gov From 2007–2018.” American Psychiatric Association (APA) Annual Meeting, Philadelphia, PA, April 26, 2020. (*Accepted, conference canceled due to COVID pandemic*).
8. **J Wortzel**, B Turner, B Weeks, C Fragassi, V Ramos, T Truong, D Li, O Sahak, T O’Connor. “Trends in pediatric mental health clinical trials over the past decade: An analysis of the 1622 trials reported in ClinicalTrials.gov from 2007 – 2018.” New York State Psychiatric Association Poster Completion, New York, NY, April 4, 2020. (*Reviewed at virtual meeting; received 2<sup>nd</sup> place prize*).
9. **J Wortzel**, B Turner, B Weeks, C Fragassi, V Ramos, T Truong, D Li, O Sahak, T O’Connor. “Trends in the Sponsorship, Clinical Focus, Intervention Type, and Trial Rigor in Pediatric Mental Health Clinical Research: A Comprehensive Review and Analysis of ClinicalTrials.gov.” American Academy of Child and Adolescent Psychiatry (AACAP) Annual Meeting, Chicago, IL, Oct 16, 2019.
10. **J Wortzel**, E Wielgus, L Guttmacher. “REGROUP: Resident Educational Groups to Reflect, Open Up, and Unite with Patients & Peers – Methods.” ACGME Back to the Bedside Collaborative Meeting – Session 1, Chicago, IL, August 3, 2019.
11. **J Wortzel**, J Norden, B Turner, N Rajeshuni, D Avery, M Norden. “Increased ambient temperature and sunlight exposure are associated with decreased prevalences of SSRI-treated psychiatric disorders across the United States.” Stanford University School of Medicine Annual Neuroscience Forum, Stanford, CA, June 8, 2018.
12. **J Wortzel**, K Stimpson, D DeSouza, N Williams, D Spiegel. “Use of repetitive transcranial magnetic stimulation (rTMS) to augment hypnosis: Pilot Study.” Stanford University School of Medicine Annual Neuroscience Forum, Stanford, CA, June 9, 2017.
13. **J Wortzel**, M Goldsmith. “Fluoroquinolone-induced catatonia: A case report and review of the literature.” Stanford University School of Medicine Annual Neuroscience Forum, Stanford, CA, June 9, 2017.

### OTHER MEDIA

#### Interviews, Videos, and Briefings

1. “Mental health awareness: The effect of climate change” by Ginger Zee, *ABC News* (May 20, 2024) <https://abcnews.go.com/Health/video/mental-health-awareness-effect-climate-change-110407211>
2. “Climate of Change” by Sarah C. Baldwin, *Brown Alumni Magazine – Medicine@Brown* (February 23, 2024) <https://medicine.at.brown.edu/climate-of-change/>
3. “Movement aims to reconnect children with nature” by Katie O’Connor, *Psychiatric News* (December 22, 2023) <https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2024.01.1.11>
4. “The climate crisis is already dangerous for people with mental health problems. It could get even worse” by Kristen Rogers, *CNN Health* (November 17, 2023) <https://www.cnn.com/2023/11/17/health/mental-health-climate-change-effects-wellness/index.html>
5. “APA Members Share Problems, Solutions with Lawmakers” by Katie O’Connor, *Psychiatric News* (November 9, 2023) <https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2023.12.12.19>

6. US Congressional briefing on the “Community Mental Wellness and Resilience Act of 2023” (September 21, 2023) <https://youtu.be/XcfXpFS8YtE?t=4254>
7. “Homeless in some parts of the US suffer as hot weather takes a toll on mental health” by Toni Waterman, *Channel News Asia* (September 15, 2023) <https://www.channelnewsasia.com/world/hot-weather-impact-brain-mental-health-climate-change-extreme-weather-homeless-3773691> (video link: <https://youtu.be/puMsW1WmLms>)
8. “Could Wildfire Smoke Raise Rural Suicide Rates?” by Amy Norton, *US NEWS* (September 11, 2023) <https://www.usnews.com/news/health-news/articles/2023-09-11/could-wildfire-smoke-raise-rural-suicide-rates>
9. “Heat’s Hidden Risk” by Shannon Osaka, Erin Patrick O'Connor and John Muyskens, *Washington Post* (September 6, 2023) <https://www.washingtonpost.com/climate-environment/interactive/2023/schizophrenia-extreme-heat-health-risk/>
10. WBEZChicago National Public Radio: Friday Newscast (August 25, 2023) <https://www.wbez.org/stories/wbez-newscast-for-friday-august-25-2023-6-00-am/5bec2f9c-49c3-4389-8e8b-2d63a6be9001>
11. “As wildfires multiply, a new era of air pollution.” *Agence France Presse* (August 23, 2023) <https://www.france24.com/en/live-news/20230822-as-wildfires-multiply-a-new-era-of-air-pollution>
12. Gray TV: Washington News Bureau (Interview). “Mental Impact of Climate Change on Kids.” (August 18, 2023) <https://www.graydc.com/video/2023/08/18/Inl-mental-impact-climate-change-kids/>
13. KUOW Seattle National Public Radio. “Seattle heat wave got you down? You’re not alone” (August 15, 2023) <https://www.kuow.org/stories/hot-weather-s-bad-for-mental-health-here-s-how>
14. “Heat Singes the Mind, Not Just the Body” by Apoorva Mandavilli, *New York Times* (August 10, 2023) <https://www.nytimes.com/2023/08/10/health/heat-mental-health.html>
15. “Bill Aims to Bolster Local Response to Community Trauma Following Natural Disaster” by Katie O’Connor, *Psychiatric News* (August 10, 2023) <https://psychnews.psychiatryonline.org/doi/10.1176/appi.pn.2023.09.9.23>
16. ABC News Live (Interview). “Climate Change and Mental Health.” (August 9, 2023) <https://twitter.com/abcnewslive/status/1689348083362996224?s=46>
17. WPFW Public radio: Monday Morning QB, 11AM show (July 24, 2023) <https://wpfwfm.org/radio/programming/archived-shows>
18. US Congressional briefing on the “Community Mental Wellness and Resilience Act of 2023” (HR 3073/S 1452) (July 20, 2023) <https://youtu.be/hZxRuJZSKqA?t=3638>
19. Vermont Public: “Climate change isn't just impacting our environment. It's also impacting our brains” by Tess Terrible (July 11, 2023) <https://www.vermontpublic.org/2023-07-11/climate-change-isnt-just-impacting-our-environment-its-also-impacting-our-brains>
20. WNPR-Connecticut Public Radio's Talk Show: “Understanding how climate change is impacting our health and wellbeing (and what you can do about it)” (July 11, 2023) <https://www.ctpublic.org/show/where-we-live/2023-07-11/understanding-how-climate-change-is-impacting-our-health-and-wellbeing-and-what-you-can-do-about-it>
21. “How Extreme Heat Affects Your Brain” by Aryn Baker, *Time Magazine* (May 16, 2023) <https://time.com/6280073/how-heatwaves-impact-your-brain/>
22. “Understanding Your Climate Distress” American Psychiatric Association (April 22, 2023) <https://www.youtube.com/watch?v=UzhJucYTdg4>
23. “How Does Climate Change Impact Youth Mental Health” American Psychiatric Association (April 22, 2022) <https://www.youtube.com/watch?v=EdX3MEN58OU&t=1s>

24. “Tips for holding difficult conversation about death with children” by Joshua Wortzel, *Democrat and Chronicle* (Dec 3, 2019)  
<https://www.democratandchronicle.com/story/opinion/guest-column/2019/12/03/tips-how-discuss-death-grieving-children/2596303001/>
25. “As Teen Use of E-Cigarette Rises, One School District Tries A New Approach” by Brett Dahlberg, *WSKG - PBS* (Oct 7, 2019)  
<https://www.wskg.org/news/2019-10-07/as-teen-use-of-e-cigarette-rises-one-school-district-tries-a-new-approach>
26. “Seasonal Affective Disorder” WXXI News (Feb 11, 2019)  
<https://www.facebook.com/watch/?v=344601826388381>

## GRANTS

### Completed Support

1. **Back to Bedside**                      Wortzel (PI)    3/31/19 – 3/31/21  
ACGME                                      \$10,000  
Short-term Peer Wellness Groups  
A two-year project to 1) assess the effectiveness of psychoeducational group therapy on resident connectivity with their patients and 2) assess the effects of peer wellness groups on resident burnout.  
Role: Co-Investigator

### Ongoing Support

1. **R25 MH125769**                      Brown (PI)    05/01/22 – 4/31/24  
NIMH                                      Partial salary coverage  
The effects of climate change on pediatric mental health  
Role: Trainee
2. **AACAP Pilot Research Award for Early Career Faculty and Child and Adolescent Psychiatry Fellows**                      Wortzel (PI)    8/01/23 – 10/31/24  
AACAP                                      \$15,000  
Title: Climate Distress in Psychiatrically Hospitalized Adolescents. Plan to survey 300 adolescents on the inpatient adolescent unit at Bradley Hospital and qualitatively interview 20-30 patients with climate distress to characterize the impacts of climate distress on adolescents’ mental health with a focus on treatment-modifiable factors that may be targeted for intervention.  
Role: Co-Investigator

## UNIVERSITY/HOSPITAL TEACHING ROLES

**Graduate Training on the Impacts of Climate Change on Mental Health**, November 2024  
**Department of Psychiatry, Yale University**. Will co-teach a certificate course for mental health providers on the impacts of climate change on mental health. This program may be offered on a recurring basis.

**Medical Student and Psychiatry Resident Bedside Teaching**, July 2022 – June 2024  
**Department of Psychiatry and Behavioral Science, Brown University**. Taught medical

students on their 3rd year clinical rotations and 4<sup>th</sup> year sub-internships on the child and adolescent psychiatry inpatient units and consult liaison service. Also delivered a lecture to the 2<sup>nd</sup> year medical students on the impacts of climate change on mental health.

**Catatonia Training Manual and Videos, January 2020 – June 2022**

**Department of Psychiatry, University of Rochester.** Helped write a training manual and created training videos and accompanying 1-hour-long course to teach psychiatry trainees how to accurately identify features of catatonia using the Bush-Francis Catatonia Rating Scale (<https://bfcrs.urmc.edu/>)

**Medical Student and Psychiatry Resident Teaching, (a) July 2019 – June 2020; (b) July 2021 – June 2022. Department of Psychiatry, University of Rochester.** (a) Lectured medical students during their psychiatry clerkships about the diagnosis and treatment of anxiety disorders, total of 12 1.5-hour lectures yearly, and clinical teaching during rotations. (b) As a chief resident, I taught 100+ hours of medical student & resident lectures and develop a neuroscience curriculum for the residents. I also helped residents with PRITE preparation.

**ACGME Back to the Bedside Project, July 2019 – Dec 2019**

**Department of Psychiatry, University of Rochester.** Co-taught with Laurence Guttmacher, MD, Psychiatry Residency Director, 8 1-hour lectures to the psychiatry residents on conducting psychoeducational groups; developed 4 1-hour lectures on Cognitive Behavioral Therapy with Jeffrey Levenkron, PhD.

**TRAINEES MENTORED/SUPERVISED**

Medical Student Research Mentor

Amanda Rubano; University of Rochester Medical Student 2021 – 2022  
Pranav Jayaraman, MPH; Texas Tech University Medical Student 2023 – present

Resident Research Mentor

Jacob Lee, MD; University of Hawai'i Psychiatry Residency Program 2021 – 2022

**HOBBIES AND INTERESTS**

Musical theater, improv, guitar, songwriting, gardening, genealogy