

# EMMA M. PARRISH

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Pronouns: She/Her/Hers

## EDUCATION:

- 2019 – Present **PhD, Clinical Psychology**  
*San Diego State University / University of California San Diego Joint Doctoral Program in Clinical Psychology, San Diego, CA*  
Mentor: Colin Depp, PhD  
T32 Predoctoral Fellow
- 2013 – 2017 **Bachelor of Science, Psychology**  
*Northeastern University, Boston, MA*  
Summa cum laude (GPA 3.96)  
Study in India (Summer 2014)  
Study in Europe (Summer 2015)

## GRANTS & AWARDS:

- 2019-Present NIH T32 Predoctoral Fellow (T32 MH019934)
- 2021 San Diego State University Dorathe Frick Memorial Scholarship Award (\$1000)
- 2020 Distinguished Poster Award – *The International Society for CNS Clinical Trials and Methodology*
- 2020 Student Success Fee Graduate Student Travel Fund Award – *San Diego State University* (\$1000 to attend Schizophrenia International Research Society Congress 2020 in Florence, Italy; conference cancelled)
- 2020 GSA Travel Award – *UC San Diego Graduate Student Association* (\$500 to attend International Neuropsychological Society 2020 in Denver, CO)
- 2019 Best Clinical Poster Presentation – *Beth Israel Deaconess Medical Center's Psychosis Research Program*
- 2017 Compass Award – *Top Student in the Northeastern University College of Science*
- 2017 Northeastern University Psychology Department Citizen Scholar Award
- 2017 Sears B. Condit Award – *Top 100 GPA in the Northeastern University class of 2017*
- 2017 Huntington 100 – *Most Influential Northeastern Students*
- 2016 Presidential Global Scholarship Recipient – *Global Co-op Grant* (\$6,000)
- 2015 Co-op Student of the Month
- 2015 Northeastern University Martinez Fellowship – *Psychology Co-op Grant* (\$5,000)
- 2013-2017 Northeastern University, College of Science Dean's List
- 2013-2017 Honors Program at Northeastern University

## RESEARCH EXPERIENCE:

### 8/2019 – Present Graduate Student Researcher

*Cognitive Dynamics Lab, University of California San Diego, San Diego, CA*

- Duties:
- Lead and assist in manuscript preparation regarding serious mental illness, functioning, cognition, suicidal ideation & behavior, and digital mental health
  - Perform data analysis (including of ecological momentary assessment data) using SPSS and R
  - Conduct treatment fidelity assessments for a study of a suicide prevention intervention for veterans at the San Diego VA

Supervisor: Colin Depp, PhD

### 5/2017 – 6/2019 Clinical Research Assistant

*Center for Early Detection, Assessment, and Response to Risk (CEDAR Clinic), Boston, MA*  
*Affiliated with the Brookline Center for Community Mental Health, Massachusetts Mental Health Center, and Beth Israel Deaconess Medical Center / Harvard Medical School*

- Duties:
- Coordinated clinical and administrative aspects of a clinic for youth at risk for developing psychosis
  - Recruited, trained and supervised undergraduate interns; supervised independent research projects
  - Regularly coordinated with clinical and research teams
  - Managed clinical outcomes data collection and analyses
  - Processed clinical intakes and referrals
  - Contributed to ongoing manuscripts for publication and assist with grant writing

Supervisor: Michelle Friedman-Yakoobian, PhD

- 5/2017 – 2/2019 Clinical Research Coordinator**  
*Psychosis Research Program, Boston, MA*  
*Affiliated with the Massachusetts Mental Health Center and Beth Israel Deaconess Medical Center / Harvard Medical School*
- Project: Cognition for Learning and for Understanding Everyday Social Situations (CLUES) Study
- Duties:
- Scheduled and coordinated study visits for an NIMH R34 funded trial
  - Monitor computerized cognitive enhancement therapy for participants at clinical high risk for psychosis
  - Managed data collection systems
- Supervisor: PIs: Matcheri Keshavan, MD & Michelle Friedman-Yakoobian, PhD
- 11/2018 – 6/2019 Clinical Research Coordinator**  
*Psychosis Research Program, Boston, MA*  
*Affiliated with the Massachusetts Mental Health Center and Beth Israel Deaconess Medical Center / Harvard Medical School*
- Project: Mental Health Technology Transfer Center – New England
- Duties:
- Assisted in developing educational materials for training in evidence-based practices for early psychosis
  - Assisted in setting up regional training activities (i.e., webinars, phone consultations, educational collaboratives)
  - Collected participant feedback data and produced annual progress reports
- Supervisor: Raquelle Mesholam-Gately, PhD
- 5/2017 - 11/2018 EEG Assessment Technician**  
*Massachusetts Mental Health Center, Beth Israel Deaconess Medical Center/Harvard Medical School, Boston, MA*
- Project: Bipolar and Schizophrenia Network for Intermediate Phenotypes: Outcomes Across the Psychosis Continuum
- Duties:
- Engaged participants during electroencephalogram (EEG) setup and protocol
  - Ran protocol including Oddball, International Affective Picture System (IAPS), and Gating paradigms
- PI: Matcheri Keshavan, MD
- 9/2016 – 5/2017 Psychology Honors Research Student**  
*Causal Cognition Lab, Northeastern University, Boston, MA*
- Undergraduate Thesis Title: Clinical High Risk for Psychosis: Stigma in an Undergraduate Population.
- Duties:
- Conducted IRB-approved research study, managed data collection, and completed data analysis
- Supervisor: Nancy Kim, PhD
- 1/2016 – 8/2016 Research Assistant**  
*Orygen, The National Centre for Excellence in Youth Mental Health, Melbourne, Australia*
- Duties:
- Assisted with qualitative and quantitative data collection and analyses
  - Conducted comprehensive literature reviews and assisted with manuscript preparation and grant applications
  - Collaborated on the production of meta-analysis manuscript
  - Observed specialized psychosis-risk interventions and neuropsychological assessment
- Supervisor: Kelly Allott, D.Psych

**9/2015-12/2015 Undergraduate Research Assistant**

*Lifespan Emotional Development Lab, Northeastern University, Boston, MA*

- Duties:
- Assisted with analyses of emotion regulatory processes using SPSS
  - Contributed to the creation of experimental paradigms using Qualtrics and video editing software

Supervisor: PIs: Kimberly Livingstone, PhD, Derek Isaacowitz

**9/2015-12/2015 Clinical Intern**

*The Consumer Advisory Board (CAB) of Massachusetts Mental Health Center, Beth Israel Deaconess Medical Center, Harvard Medical School Department of Psychiatry, Boston MA*

- Duties:
- Managed IRB documentation for a peer-led project on the treatment alliance in severe mental illness
  - Provided updates to the Consumer Advisory Group regarding meetings

PIs: Larry Seidman, PhD & Raquelle Mesholam-Gately, PhD

**1/2015–6/2015 Clinical Research Co-Op Student**

*Center for Early Detection, Assessment, and Response to Risk (CEDAR Clinic), Boston, MA*

*Affiliated with the Brookline Center for Community Mental Health, Massachusetts Mental Health Center, and Beth Israel Deaconess Medical Center / Harvard Medical School*

- Duties:
- Collected, managed, and analyzed clinical outcomes data
  - Completed an independent research project on client satisfaction in relation to symptoms for presentation at professional conference
  - Observed weekly diagnostic committee and clinical team meetings

Supervisor: Michelle Friedman-Yakoobian, PhD

**1/2014–12/2014 Undergraduate Research Assistant**

*Lifespan Emotional Development Lab, Northeastern University, Boston, MA*

- Duties:
- Recruited eligible participants
  - Conducted experiments with participants using mobile and stationary eye tracking
  - Assisted with analyses of emotion regulatory processes using SPSS
  - Edited video footage and eye tracking data using Applied Science Laboratory software

Supervisor: Kimberly Livingstone, PhD; PI: Derek Isaacowitz, PhD

**1/2014-4/2014 Undergraduate Research Assistant**

*Categorization and Reasoning Lab, Northeastern University, Boston, MA.*

- Duties:
- Analyzed decision making surrounding intuitive biological inferences
  - Conducted experiments with undergraduate participants in person and online
  - Transcribed and coded participant responses

PIs: John Coley, PhD & Nadya Vasilyeva, PhD

**CLINICAL EXPERIENCE:**

**7/2021 - Present Psychology Practicum Student**

*Center of Recovery Education, Veterans Affairs Medical Center, San Diego, CA*

- Duties:
- Lead individual and group therapy in both outpatient and inpatient settings for Veterans with serious mental illness
  - Conduct evidence-based therapy (i.e., Cognitive Processing Therapy, Cognitive Behavioral Therapy for Psychosis, Acceptance and Commitment Therapy) within a recovery-oriented treatment framework

Supervisors: Blaire Ehret, PhD & Andrew Bismark, PhD

**8/2021 - Present Research Study Therapist**

*mCBTn, Mobile CBT Group Therapy for Negative Symptoms*

- Duties:
- Lead weekly supportive contact interventions with research participants with schizophrenia-spectrum disorders
  - Lead weekly Cognitive Behavioral Social Skills Training (CBSST) groups, incorporating a mobile app, with research participants with schizophrenia-spectrum disorders

Supervisors: Eric Granholm, PhD & Jason Holden, PhD

**7/2020 – 7/2021 Psychology Practicum Student**

*San Diego State University Psychology Clinic, San Diego, CA*

- Duties:
- Conducted evidence-based therapy (i.e., Dialectical Behavioral Therapy, cognitive behavioral therapy) in an outpatient community clinic
  - Co-founding leader of the SDSU Clinic Dialectical Behavioral Therapy Group

Supervisors: Leslie Morland, PsyD, Aaron Blashill, PhD, & Laura Dorman, PhD

**8/2019 – Present Graduate Student Researcher**

*Cognitive Dynamics Lab, University of California San Diego, San Diego, CA*

- Duties:
- Complete diagnostic and neuropsychological assessments with people with schizophrenia, schizoaffective disorder, and bipolar disorder for ongoing research data collection

**5/2017 – 6/2019 Director of School and Occupational Coaching Program**

*Center for Early Detection, Assessment, and Response to Risk (CEDAR Clinic), Boston, MA*

*Affiliated with the Brookline Center for Community Mental Health, Massachusetts Mental Health Center, and Beth Israel Deaconess Medical Center / Harvard Medical School*

- Duties:
- Provide one-on-one, individualized school and work coaching services for youth at risk for psychosis
  - Supervise undergraduate psychology trainees in providing coaching services

**1/2017 – 8/2017 Relief Residential Counselor**

*Vinfen – Group Residential Facilities, Boston, MA*

- Duties:
- Provided support to clients living in psychiatric rehabilitation group homes in the Boston area
  - Assisted with rehabilitative and behavioral interventions and documented all clinical activities
  - Ensured program safety at all times via safety protocol adherence

**3/2016 – 8/2016 Psychosocial Group Co-Facilitator: “Ozone”**

*Orygen Youth Health Clinical Program, Melbourne Australia*

- Duties:
- Co-facilitated a psychosocial recovery group for adolescent clients with serious mental illness
  - Provided support in creating social connections (milieu work) and reaching recovery goals

**1/2015 – 6/2015 Clinical Research Co-Op Student**

*Prevention and Recovery from Early Psychosis (PREP) Program and Center for Early Detection, Assessment, and Response to Risk (CEDAR Clinic), Boston, MA*

*Affiliated with Massachusetts Mental Health Center and Beth Israel Deaconess Medical Center*

- Duties:
- Facilitated and co-facilitated group therapy sessions for young adults with recent onset of psychosis
  - Provided milieu support and monitoring to ensure client well-being and facilitate social interaction
  - Provided weekly coaching to clients experiencing early psychosis symptoms to support educational and occupational goals
  - Observed and contributed to psycho-educational, motivational, and recovery group therapies
  - Collected and tracked clinical activity data

## TEACHING EXPERIENCE:

### 9/2021 - Present Graduate Statistics Tutor

*San Diego State University / University of California San Diego Joint Doctoral Program in Clinical Psychology*

- Provided individual and small group statistics tutoring sessions for first year graduate students

### 1/2017 – 5/2017 Undergraduate Teaching Assistant, Abnormal Psychology

*Northeastern University, Boston, MA*

- Duties:
- Provided ongoing academic support to undergraduate students in weekly office hours
  - Prepared relevant course materials and led class discussions

### 9/2016 – 12/2016 Undergraduate Teaching Assistant, Honors-Level Social Psychology

*Northeastern University, Boston, MA*

- Duties:
- Held weekly office hours to provide support for students
  - Hosted exam review sessions
  - Developed and disseminated supplemental learning materials
  - Initiated an independent special topic lecture and discussion – “Psychology of the 2016 Election”

## PUBLICATIONS:

1. Badal, V.D., Lee, E.E., Daly, R., **Parrish, E.M.**, Kim, H., Jeste, D.V., & Depp, C.A. (In press). Dynamics of loneliness among older adults during the COVID-19 pandemic: Pilot study of ecological momentary assessment with network analysis. *Frontiers Digital Health*, 3.
2. Bryce, S., Boyer, F., Phillips, L., **Parrish, E.M.**, Alvarez-Jimenez, M., & Allott, K. (2021). Cognitive strengths in first-episode psychosis: Perspectives of cognition experts. *Journal of Psychosocial Rehabilitation and Mental Health*, 1-12.
3. Badal, V., **Parrish, E.M.**, Holden, J.L., Depp, C.A., Granholm, E. (2021). Dynamic contextual influences on social motivation and behavior in schizophrenia: A case-control network analysis. *npj Schizophrenia*, 7(1), 1-9.
4. Chalker, S.A., **Parrish, E.M.**, Cano, M., Kelsven, S., Moore, R.C., Granholm, E., Pinkham, A., Harvey, P.D., & Depp, C.A. (2021). Childhood trauma associations with interpersonal suicide risk factors and social cognitive biases in psychotic disorders. *Journal of Nervous and Mental Disease*.
5. Granholm, E., Twamley, E.W. (co-first authors), Mahmood, Z., Keller, A.V., Lykins, H.C., **Parrish, E.M.**, Thomas, M.L., Perivoliotis, D., & Holden, J.L. (2021). Integrated Cognitive-Behavioral Social Skills Training and Compensatory Cognitive Training for negative symptoms of psychosis: Effects in a pilot randomized controlled trial. *Schizophrenia Bulletin*.
6. Mesholam-Gately, R., Varca, N., Spitzer, C., **Parrish, E.M.**, Hogan, V., Behnke, S.H., Larson, L., Rosa-Baez, C., Schwirian, N., Stromeyer, C., Williams, M.J., Saks, E.R., & Keshavan, M.S. (2021). Are we ready for a name change for schizophrenia? A survey of multiple stakeholders. *Schizophrenia research*, 238, 152-160.
7. Bomyea, J., **Parrish, E. M.**, Paolillo, E. W., Filip, T. F., Eyler, L. T., Depp, C. A., & Moore, R. C. (2022). Relationships Between Daily Mood States and Real-Time Cognitive Performance in Individuals with Bipolar Disorder and Healthy Comparators: A Remote Ambulatory Assessment Study. *Journal of Clinical and Experimental Neuropsychology*, 1-12.
8. West, M.L., **Parrish, E.M.** & Friedman-Yakoobian, M. (2021). Treatment outcomes for young people at clinical high risk for psychosis (CHR-P): Data from a specialized clinic. *Early Intervention in Psychiatry*.
9. West, M.L., **Parrish, E.M.**, Green, J., Howland, C., & Friedman-Yakoobian, M. (2021). Individualized vocational and educational support and training (InVEST) for youth at clinical high risk for psychosis. *Early Intervention in Psychiatry*.
10. **Parrish, E.M.**, Chalker, C.A., Cano, M., Moore, R.C., Pinkham, A.E., Harvey, P.D., Joiner, T., Lieberman, A., Granholm, E., & Depp, C.A. (2021). Ecological momentary assessment of interpersonal theory of suicide constructs in people experiencing psychotic symptoms. *Journal of Psychiatric Research*, 140, 496-503.
11. Harvey, P.D., Miller, M.L., Moore, R.C., Depp, C.A., **Parrish, E.M.**, & Pinkham, A.E. (2021). Capturing clinical symptoms with ecological momentary assessment: Convergence of momentary reports of psychotic and mood symptoms with diagnoses and standard clinical assessments. *Innovations in Clinical Neuroscience*, 18(1-3), 24.

12. **Parrish, E.M.**, Filip, T.F. (co-first authors), Torous, J., Nebeker, C., Moore, R.C., & Depp, C.A. (2021). Are mental health apps adequately equipped to handle users in crisis? *Crisis: The Journal of Crisis Intervention and Suicide Prevention*.
13. Depp, C.A., Kamarsu, S., Filip, T.F., **Parrish, E.M.**, Harvey, P.D., Granholm, E., Chalker, S., Moore, R.C., & Pinkham, A. (2021). Ecological momentary facial emotion recognition in psychotic disorders. *Psychological medicine*, 1-9.
14. **Parrish, E.M.**, Kamarsu, S., Harvey, P.D., Pinkham, A., Depp, C.A., Moore, R.C. (2020). Remote ecological momentary testing of learning and memory in adults with serious mental illness. *Schizophrenia Bulletin*.
15. **Parrish, E.M.**, Depp, C., Moore, R.C., Harvey, P.D., Mikhael, T., Holden, J., Swendsen, J., Granholm, E. (2020). Emotional determinants of life-space through GPS and ecological momentary assessment in schizophrenia: What gets people out of the house? *Schizophrenia Research*.
16. Friedman-Yakoobian, M., **Parrish, E.M.**, Eack, S. & Keshavan, M. (2020). Neurocognitive and social cognitive training for youth at clinical high risk (CHR) for psychosis: A randomized controlled feasibility trial. *Schizophrenia Research*.
17. Allott, K., van-der-EL, K., Bryce, S., **Parrish, E.M.**, McGurk, S.R., Hetrick, S., Bowie, C.R., Kidd, S., Hamilton, M., Killackey, E., & Velligan, D. (2020). Compensatory interventions for cognitive impairments in psychosis: A systematic review and meta-analysis. *Schizophrenia Bulletin*, 46(4), 869-883.
18. Friedman-Yakoobian, M., **Parrish, E. M.**, Lesser, R., Gngong-Granato, A., Eack, S., & Keshavan, M. S. (2019). An integrated neurocognitive and social-cognitive treatment for youth at clinical high risk for psychosis: Cognition for learning and for understanding everyday social situations (CLUES). *Schizophrenia Research*, 208, 55-59.
19. Caruana, E., Allott, K., Farhall, J., **Parrish, E. M.**, Davey, C. G., Chanen, A. M., ... & Cotton, S. M. (2019). Factors associated with vocational disengagement among young people entering mental health treatment. *Early intervention in psychiatry*, 13(4), 961-968.
20. Caruana, E., Farhall, J., Cotton, S. M., **Parrish, E.**, van-der-EL, K., Davey, C. G., ... & Allott, K. (2019). Vocational engagement among young people entering mental health treatment compared with their general population peers. *Early intervention in psychiatry*, 13(3), 692-696.
21. **Parrish, E. M.**, Kim, N. S., Woodberry, K. A., & Friedman-Yakoobian, M. (2019). Clinical high risk for psychosis: The effects of labelling on public stigma in a undergraduate population. *Early intervention in psychiatry*, 13(4), 874-881.
22. Goodall, J., Fisher, C., Hetrick, S., Phillips, L., **Parrish, E. M.**, & Allott, K. (2018). Neurocognitive functioning in depressed young people: A systematic review and meta-analysis. *Neuropsychology Review*, 28, 216-231.
23. Allott, K., Fraguas, D., Bartholomeusz, C. F., Díaz-Caneja, C. M., Wannan, C., **Parrish, E. M.**, ... & Rapado-Castro, M. (2018). Duration of untreated psychosis and neurocognitive functioning in first-episode psychosis: a systematic review and meta-analysis. *Psychological Medicine*, 48(10), 1592-1607.
24. Caruana, E., Cotton, S. M., Farhall, J., **Parrish, E. M.**, Chanen, A., Davey, C. G., ... & Allott, K. (2018). A comparison of vocational engagement among young people with psychosis, depression and borderline personality pathology. *Community Mental Health Journal*, 54(6), 831-841.
25. Proffitt, T. M., Brewer, W. J., **Parrish, E. M.**, McGorry, P. D., & Allott, K. A. (2018). Reasons for referral and findings of clinical neuropsychological assessment in youth with mental illness: A clinical file audit. *Applied Neuropsychology: Child*, 7(2), 164-174.
26. Fisher, C. A., Hetrick, S. E., Merrett, Z., **Parrish, E. M.**, & Allott, K. (2017). Neuropsychology and youth mental health in Victoria: The results of a clinical service audit. *Australian Psychologist*, 52(6), 453-460.

## BOOK CHAPTERS:

1. Nebeker, C., **Parrish, E.M.**, & Graham, S. (2021). The AI-powered digital health sector: Ethical and regulatory considerations when developing mental health tools for the older adult demographic. In Jotterand, F. Ienca, M. & Liang, M. (Eds.), *Ethics of Artificial Intelligence in Brain & Mental Health : Philosophical, Ethical & Policy Issues*. Advances in Neuroethics. Springer, Cham. [https://doi.org/10.1007/978-3-030-74188-4\\_11](https://doi.org/10.1007/978-3-030-74188-4_11).

## CONFERENCE PRESENTATIONS:

1. **Parrish, E.M.**, Chalker, S., Cano, M., Quynh, A., Scott, V., Harvey, P.D., Pinkham, A., Moore, R.C., & Depp, C.A. (2022, May). *Ecological momentary assessment of social motivation and social avoidance in serious mental illness: connections to symptoms and suicidal ideation*. Poster presented at the 2022 Congress of the Schizophrenia International Research Society. Poster presented at the 17th Annual Lewis L. Judd Young Investigators Symposium, UC San Diego.

2. **Parrish, E.M.**, Chalker, S., Cano, M., Quynh, A., Scott, V., Harvey, P.D., Pinkham, A., Moore, R.C., & Depp, C.A. (2022, April). *Ecological momentary assessment of social motivation and social avoidance in serious mental illness: connections to symptoms and suicidal ideation*. Poster presented at the 2022 Congress of the Schizophrenia International Research Society.
3. Villa, J., Campbell, D., **Parrish, E.M.**, Chalker, S., Depp, C.A. (August, 2022). Examining the interpersonal psychological theory of suicide in psychosis. Poster presented at the *American Psychological Association*, Minneapolis, MN.
4. Chalker, S.A., **Parrish, E.M.**, & Depp, C.A. (2021, April). Childhood Emotional Abuse and Neglect Matter for Suicidal Thoughts, Behaviors, and Risk Factors in a Community Sample of Persons Experiencing Psychosis. Poster presented at the American Association of Suicidology conference, virtual.
5. **Parrish, E.M.**, Chalker, S.A., Cano, M., Kamarsu, S., Filip, T.F., Granholm, E., Harvey, P.D., Moore, R.C., Pinkham, A., & Depp, C.A. (2021, April). Ecological momentary assessment of burdensomeness and belongingness in individuals with psychosis. Poster presented at the 2021 Congress of the Schizophrenia International Research Society.
2. Mahmood, Z., Lykins, H. C., **Parrish, E. M.**, Keller, A. V., Pickell, D., Granholm, E., Twamley, E. W. (2021, April). Objective Neuropsychological Functioning Predicts Functional Capacity but Not Subjective Functioning in Individuals with High Levels of Negative Symptoms. Poster presented at the 2021 Congress of the Schizophrenia International Research Society.
3. **Parrish, E.M.**, Chalker, S.A., Cano, M., Kamarsu, S., Filip, T.F., Granholm, E., Harvey, P.D., Moore, R.C., Pinkham, A., & Depp, C.A. (2021, March). Ecological momentary assessment of burdensomeness and belongingness in individuals with psychosis. Poster presented at the 16th Annual Lewis L. Judd Young Investigators Symposium, UC San Diego.
4. Mahmood, Z., Keller, A. V., Lykins, H. C., **Parrish, E. M.**, Perivoliotis, D., Granholm, E., & Twamley, E. W. (2021, March). An Integrated Cognitive-Behavioral Social Skills Training and Compensatory Cognitive Training Intervention for Negative Symptoms of Psychosis. Poster presented at the 16th Annual Lewis L. Judd Young Investigators Symposium, UC San Diego.
5. Varca, N., Spitzer, C., **Parrish, E.M.**, Hendel, V., Larson, L., McDade, M., Rosa-Baez, C., Schwirian, N., Stromeyer, C., Williams, M., Seidman, L., Keshavan, M., Meshulam-Gately, R. (2021, April) The Naming Project: Surveying a potential name change for schizophrenia. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
6. **Parrish, E.M.**, Kamarsu, S., Filip, T.F., Harvey, P.D., Granholm, E., Chalker, S., Moore, R.C., Pinkham, A., Depp, C.A. (2021, February) Ecological momentary facial emotion recognition in psychotic disorders. Poster presented at the 49th meeting of the International Neuropsychological Society.
7. Campbell, L. M., **Parrish, E.M.**, Heaton, A., Swendsen, J., Depp, C. A., & Moore, R. C. (2021, February). The relationship between contextual factors, performance, and validity of smartphone-based mobile cognitive tests of executive function and learning. Poster presented at the 49th meeting of the International Neuropsychological Society.
8. Mahmood, Z., Keller, A. V., Lykins, H. C., **Parrish, E. M.**, Perivoliotis, D., Granholm, E., & Twamley, E. W. (2021, February). An integrated cognitive-behavioral social skills training and compensatory cognitive training intervention for negative symptoms of psychosis. Paper presented at the 49<sup>th</sup> Annual Meeting of the International Neuropsychological Society, San Diego, CA.
9. Lykins, H. C., Mahmood, Z., **Parrish, E. M.**, Keller, A. V., Pickell, D., Granholm, E., & Twamley, E. W. (2021, February). Modifiable Predictors of Objective and Subjective Functioning in Individuals with Schizophrenia-Spectrum Disorders and High Levels of Negative Symptoms. Paper presented at the 49th Annual Meeting of the International Neuropsychological Society, San Diego, CA.
10. **Parrish, E.M.**, Kamarsu, S., Filip, T.F., Pinkham, A.E., Harvey, P.D., Moore, R.C., & Depp, C.A. (2020, September). *The impact of contextual factors on performance of a smartphone-based word list test*. Poster presented at the International Society For CNS Clinical Trials and Methodology, virtual.
11. **Parrish, E.M.**, Paolillo, E.W., Filip, T.F., Kamarsu, S., Quynh, A., Eyler, L.T., Depp, C.A., & Moore, R.C. (2020, April). *Relationships between daily mood states and real-time cognitive performance in individuals with bipolar disorder and healthy*

- comparators*. Poster presentation at the 15<sup>th</sup> Annual Lewis L. Judd Young Investigators Research Symposium, San Diego, CA. (Conference canceled)
12. **Parrish, E.M.**, Depp, C., Moore, R.C., Harvey, P.D., Holden, J., Swendsen, J., Granholm, E. (2020, April). *Affective determinants of life-space through GPS and ecological momentary assessment in schizophrenia: What gets people out of the house?* Oral presentation at the Schizophrenia International Research Society Congress 2020, Florence, Italy. (Conference canceled)
  13. **Parrish, E.M.**, Paolillo, E.W., Filip, T.F., Kamarsu, S., Quynh, A., Eyler, L.T., Depp, C.A., & Moore, R.C. (2020, February). *Relationships between daily mood states and real-time cognitive performance in individuals with bipolar disorder and healthy comparators*. Poster presented at the International Neuropsychological Society (INS) 2020 Conference, Denver, CO.
  14. Lundgren, B., Hagler, M., **Parrish, E.M.**, He, E., West, M.L., & Friedman-Yakoobian, M. (2019, November). *Prevalence and impact of obsessive-compulsive disorder and obsessive-compulsive symptoms in individuals at clinical high risk for psychosis*. Poster presented at the Association for Behavior and Cognitive Therapies (ABCT) 53rd Annual Convention, Atlanta, GA.
  15. Orav, G.C., **Parrish, E.M.**, Friedman-Yakoobian, M., & West, M. (2019, November). *Borderline personality disorder symptoms in a sample from a clinical high risk for psychosis clinic*. Poster presented at the New England Psychological Association Annual Meeting, Manchester, NH.
  16. Lai, K., Sanders, A., **Parrish, E.M.**, Cragin, C., Mote, J., Friedman-Yakoobian, M., & West, M. (2019, September). *Trauma and attenuated psychotic symptoms in youth at clinical high risk for psychosis*. Poster presented at the Society for Research in Psychopathology Conference, Buffalo, NY.
  17. **Parrish, E.M.**, Friedman-Yakoobian, M., Gnong-Granato, A., & Keshavan, M. (2019, June). *Styles of Thinking Assessment and Rating Scale (STARS) and Rating and Assessment for Social Cognition (RASC): Two New Measures in an Early Psychosis Cognitive Remediation Study*. Poster presented at the Cognitive Remediation in Psychiatry Conference, Columbia University, New York, NY.
  18. **Parrish, E. M.** (2019, April). *School and work coaching for youth at clinical high risk for psychosis*. Oral Presentation at the CEDAR Clinic Clinical Seminar Series, Boston, MA.
  19. **Parrish, E.M.**, Friedman-Yakoobian, M., Gnong-Granato, A., & Keshavan, M. (2019, April). *Styles of Thinking Assessment and Rating Scale (STARS) and Rating and Assessment for Social Cognition (RASC): Two New Measures in an Early Psychosis Cognitive Remediation Study*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
  20. Lai, K., **Parrish, E.M.**, Sanders, A.S., Cragin, C.A., Friedman-Yakoobian, M., & West, M. (2019, April). *PTSD diagnosis and attenuated positive symptoms in youth at clinical high risk for psychosis*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
  21. Lundgren, B.L., Hagler, M., **Parrish, E.M.**, West, M., & Friedman-Yakoobian, M. (2019, April). *Prevalence and impact of obsessive compulsive disorder and obsessive compulsive symptoms in individuals at clinical high risk for psychosis*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
  22. **Parrish, E. M.** & Woodberry, K. (2018, October). *Treatment partnership with people with lived experience*. Co-moderator for panel at the International Early Psychosis Association (IEPA) Conference, Boston, MA.
  23. **Parrish, E. M.**, Kline, E., & Friedman-Yakoobian, M. (2018, October). *The relationship between confidence in cognitive abilities, role functioning, and MCCB performance in first-episode psychosis*. Poster presented at the International Early Psychosis Association (IEPA) Conference, Boston, MA.
  24. Allott, K., Goodall, J., Fisher, C., Hetrick, S., **Parrish, E. M.**, & Phillips, L. (2018, October). *Neurocognitive functioning in depressed young people: A systematic review and meta-analysis*. Oral presentation at International Early Psychosis Association (IEPA) Conference, Boston, MA.
  25. **Parrish, E. M.**, Kline, E., & Friedman-Yakoobian, M. (2018, June). *The relationship between confidence in cognitive abilities, role functioning, and MCCB performance in first-episode psychosis*. Poster presented at the Cognitive Remediation in Psychiatry Conference, Columbia University, New York, NY.
  26. **Parrish, E. M.**, West, M. L., Kline, E., Hubbard, J., & Friedman-Yakoobian, M. (2018, April). *The effects of substance use in early psychosis populations*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.



27. Friedman-Yakoobian, M., **Parrish, E. M.**, Hagler, M., Schwartz, A., West, M. L., Mueser, K. T. (2018, April). *Predictors of family burden and critical attitudes towards youth presenting at a specialty clinic for youth at clinical high risk (CHR) for psychosis*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
28. Allott, K., van-der-El, K., **Parrish, E. M.**, Bowie, C., Kidd, S. A., McGurk, S. R., Hetrick, S. Bryce, S., Hamilton, M., Killackey, E., & Velligan, D. (2018, April). *Compensatory cognitive approaches to improving functioning in psychosis: Systematic review and meta-analysis*. Oral presentation at the Schizophrenia International Research Society (SIRS) Conference, Florence, Italy.
29. **Parrish, E. M.**, Kim, N. S., Friedman-Yakoobian, M. (2017, April). *Clinical high risk for psychosis: Stigma in an undergraduate population*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
30. **Parrish, E. M.**, Kim, N. S., Friedman-Yakoobian, M. (2017, April). *Clinical high risk for psychosis: Stigma in an undergraduate population*. Poster presented at the Northeastern University Research, Innovation, and Scholarship Expo, Boston, MA.
31. Allott, K., Fraguas, D., Bartholomeusz, C., Martinez, C., Wannan, C., Pantelis, C., Amminger, P., Arango, C., **Parrish, E. M.**, Rapado-Castro, M. (2016, October). *Duration of untreated psychosis and cognitive functioning in first episode psychosis: A systematic review and meta-analysis*. Oral presentation at the International Early Psychosis Association (IEPA) Conference Milan, Italy.
32. **Parrish, E. M.**, Proffitt, T. M., Brewer, W. J., McGorry, P. D., Allott, K. (2016, October). *Referral characteristics and outcomes of clinical neuropsychological assessment in youth mental health: A clinical audit of assessment reports*. Poster presented at the American Academy of Child and Adolescent Psychiatry 63<sup>rd</sup> Annual Meeting, New York, NY.
33. **Parrish, E. M.** (2016, July). *Two Projects from an International Psychology Intern*. Oral Presentation at Orygen and Centre for Youth Mental Health – University of Melbourne Research Colloquia, Melbourne, Australia.
34. Allott, K. A. & **Parrish, E. M.** (2016, April). *Neuropsychology in youth mental health*. “Table Top” Presentation at the Youth Partnerships in Research Conference, Melbourne, Australia.
35. **Parrish, E. M.**, West, M. L., O’Donovan, K. E., Zimmet, S. V., Seidman, L. J., Friedman-Yakoobian, M. (2015, November) *Treatment satisfaction among adolescents at clinical high risk for psychosis in a specialized clinic*. Poster presented at the Massachusetts Psychological Association Conference, Norwood, MA.
36. West, M. L., O’Neal, K., O’Donovan, K. E., **Parrish, E. M.**, Davidson, E., Zimmet, S. V., Seidman, L. J., Friedman-Yakoobian, M. (2015, April). *Center for Early Detection Assessment and Response to Risk (CEDAR): Description of referrals, clinical population, and treatment provided within a specialized clinic for youths at clinical high risk for psychosis*. Poster presented at the Harvard Medical School Department of Psychiatry Research Meeting, Boston, MA.
37. Houck, L., Konig, K., Kreher, G., Anderson, E., Duquette, J., **Parrish, E. M.**, Vasilyeva, N., & Coley, J. (2014, April). *What makes a good explanation? Intrinsic and extrinsic factors in explanation evaluation*. Poster presented at the Northeastern University Research, Innovation, and Scholarship Expo, Boston, MA.

#### MANUSCRIPTS UNDER REVIEW:

1. Lieberman, A., **Parrish, E.M.**, Depp, C.A., Harvey, P.D., Pinkham, A.E., & Joiner, T.E. *Demoralization in schizophrenia: A pathway to suicidal ideation?* In review.
2. **Parrish, E.M.**, Lin, J., Scott, V., Pinkham, A.E., Harvey, P.D., Moore, R.C., Ackerman, R., & Depp, C.A. *Mobile facial affect recognition and real-time social experiences in serious mental illness*. In review.
3. Chalker, S. A., **Parrish, E. M.**, Martinez Ceren, C. S., Depp, C. A., Goodman, M., & Doran, N. *Predictive importance of missing social contacts on veteran suicide safety plans*. In review.
4. Mahmood, Z.\*, **Parrish, E.M.\*** (co first-authors), Keller, A.V., Lykins, H.C., Pickell, D., Granholm, E., & Twamley, E.W. *Modifiable predictors of self-reported and performance-based functioning in individuals with schizophrenia-spectrum disorders and high levels of negative symptoms*. In review.
5. Moore, R.C., **Parrish, E.M.**, Van Patten, R., Paolillo, E.M., Filip, T., Bomyea, J., Lomas, D., Twamley, E., Eyler, L.T., & Depp, C.A. *NeuroUX: Initial psychometric properties in seven remote ecological momentary cognitive tests among people with bipolar disorder*. In review.

#### EDUCATIONAL AND INVITED PRESENTATIONS

1. **Parrish, E.M.** (2021, October). *Crisis management using asynchronous telehealth and apps for people with serious mental illness*. Webinar for the American Psychiatric Association, virtual.

2. **Parrish, E.M.** (2021, March). *Introduction to dialectical behavioral therapy*. Guest lecture for San Diego State University Psychology 849: Interventions, virtual.
3. **Parrish, E.M.** (2020, October). *Remote ecological momentary testing of learning and memory in adults with serious mental illness*. Presentation for the Cognitive Remediation and Neuroimaging Lab of the Royal Institute of Mental Health Research (Ottawa, Canada), virtual.
4. **Parrish, E.M.** (2020, March). *Overview of Collaborative Assessment & Management of Suicidality (CAMS)*. Presentation for SDSU / UCSD Joint Doctoral Program in Clinical Psychology Interventions Seminar Course, San Diego, CA.
5. **Parrish, E.M.** (2020, January). *Clinical psychology graduate programs*. Presentation for undergraduate University of California San Diego class, San Diego, CA.
6. **Parrish, E.M.** & Lee, I. (2018, October). *Recent research in early psychosis*. “Q&A” Presentation for Northeastern University Clinical Psychology Seminar Course, Boston, MA.
7. **Parrish, E. M.** (2015, November). *What is early intervention in psychosis?* Presentation for Nazareth Area High School Advanced Placement Psychology Course, Nazareth, PA.
8. **Parrish, E. M.** (2015, June). *Treatment satisfaction among adolescence at clinical high risk for psychosis in a specialized clinic*. Commonwealth Research Center Weekly Lab Meeting, Boston, MA.

### PROFESSIONAL SERVICE ACTIVITIES

- 2021-Present Justice, Equity, Diversity, and Inclusion Committee (Outreach Subcommittee)
- 2020-Present Doctoral Student Council
- 2020 Litownik Scholar Selection Committee
- Ad Hoc Reviewer:* NPJ Digital Medicine, Journal of Affective Disorders, Schizophrenia Bulletin, JMIR, Schizophrenia Research: Cognition

### PROFESSIONAL AFFILIATIONS:

- 2020 – Present American Psychological Association Division 18 – Psychologists in Public Service – Serious Mental Illness - Severe Emotional Disturbance Special Interest Group
- 2016 – Present International Early Psychosis Association
- 2016 – Present International Association for Youth Mental Health
- 2015 – Present Psi Chi International Honor Society in Psychology
- 2020 – 2021 The International Society for CNS Clinical Trials and Methodology
- 2015 – 2017 Massachusetts Psychological Association
- 2014 – 2017 American Psychological Association

### PROFESSIONAL SKILLS:

- Certifications Trained and certified in Collaborative Assessment & Management of Suicidality (CAMS)
- Assessment Neuropsychological testing (MCCB), clinical diagnostic assessment (Mini, SCID), clinical symptom assessment (PANSS, CSSRS, YMRS, MADRS), electroencephalogram (EEG) setup and administration
- Technical PubMed, PsycINFO, and Embase databases; Boolean search techniques; Research Electronic Data Capture (RedCap); SPSS; R; Stata; Endnote; Qualtrics Survey Software; Microsoft Office; Use of AnyLogic Multi Method Simulation; Applied Science Laboratories; GazeTracker; EPrime; Mobile and Stationary Eye Tracking

### SPECIALTY TRAINING:

- 2021 **Recovery-Oriented Cognitive Behavioral Therapy for Psychosis**  
*Online Zoom training through VA Center of Recovery Education (CORE) with Dr. Dimitri Perivoliotis*
- 2021 **Professional Assault Crisis Training (Pro-ACT)**  
*Veterans Affairs Medical Center, San Diego, CA*
- 2020 **Introduction to Dialectical Behavior Therapy (DBT) for Eating Disorders**  
*Online Zoom training through UCSD Eating Disorders Center*
- 2019 & 2020 **Collaborative Assessment & Management of Suicidality (CAMS)**  
*Online video training through CAMS-Care; Zoom training with Dr. David A. Jobes*

**2017 & 2018 Structured Interview for Prodromal Syndromes (SIPS) Training**

*Psychosis Research Program, Boston, MA*

*Affiliated with the Massachusetts Mental Health Center and Beth Israel Deaconess Medical Center / Harvard Medical School*

**2017 Measurement and Treatment Research to Improve Cognition in Schizophrenia (MATRICS) Consensus Cognitive Battery Training (MCCB)**

*Psychosis Research Program, Boston, MA*

**2016 Professional Clinical Training Workshops**

*Orygen Youth Health: EPPIC Statewide, Melbourne, Australia*

Workshops: Introduction to cognitive analytic therapy; Cognitive behavioral therapy for psychosis; Therapeutic group work with young people; Getting in early: Working with ultra-high risk; Engaging young people experiencing early psychosis.