**Alysia Michi Berglund**

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**Education**

**2015 – 2019** B.A. in Psychology

*Magna Cum Laude*, with Honors

*University of Hawai‘i at Mānoa*

GPA: 3.89/4.0

Honors Thesis: “Multimethod Assessment of Self-Disturbances in Schizotypy”

Thesis Advisor: David C. Cicero, Ph.D.

**Peer-Reviewed Publications**

\* Denotes equal contribution

1. Luther, L.\*, Raugh I. M.\*, Collins, D. E., **Berglund, A. M.**, Knippenberg, A. R., Mittal, V. A., Walker, E. F., & Strauss, G. P. (2023). Environmental context predicts state fluctuations in negative symptoms in youth at clinical high risk for psychosis. *Psychological Medicine* 1–10. <https://doi.org/10.1017/S0033291723001393>
2. Strauss, G. P., Walker, E. F., Pelletier-Baldelli, A., Carter, N. T., Ellman, L. M., Schiffman, J., Luther, L., James, S. H., **Berglund, A. M**., Gupta, T., Ristanovic, I., & Mittal, V. A. (2023). Development and Validation of the Negative Symptom Inventory-Psychosis Risk. *Schizophrenia bulletin*, sbad038. <https://doi.org/10.1093/schbul/sbad038>
3. Ayawvi, G., **Berglund, A. M.**, James, S. H., Luther, L., Walker, E. F., Mittal, V. A., & Strauss, G. P. (2023). The association between early traumatic experiences and the five domains of negative symptoms in participants at clinical high risk for psychosis. *Early Intervention in Psychiatry,* 1–5. <https://doi.org/10.1111/eip.13418>
4. **Berglund, A. M.**, James, S. H., Raugh, I. M., & Strauss, G. P. (2023). Beliefs about the uncontrollability and usefulness of emotion in the schizophrenia-spectrum: links to emotion regulation and negative symptoms. *Cognitive Therapy and Research, 47*(2), 282-294. <https://doi.org/10.1007/s10608-023-10357-w>
5. **Berglund, A. M.**, Raugh, I. M., Macdonald, K. M., James, S. H., Bartolomeo, L. A., Knippenberg, A. R., & Strauss, G. P. (2023). The effects of the COVID-19 pandemic on hallucinations and delusions in youth at clinical high risk for psychosis and outpatients with schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience,* 1-10. <https://doi.org/10.1007/s00406-023-01551-8>
6. Spilka, M.J., Raugh, I.M., **Berglund, A.M**., Visser, K. F., Strauss, G. P. (2022). Reinforcement learning profiles and negative symptoms across chronic and clinical high-risk phases of psychotic illness. *European Archives of Psychiatry and Clinical Neuroscience,* 10.1007/s00406-022-01528-z. <https://doi.org/10.1007/s00406-022-01528-z>
7. James, S. H., **Berglund, A. M.**, Chang, W. C., & Strauss, G. P. (2022). Discrepancies between ideal affect and actual affect in schizophrenia: implications for understanding negative symptoms. *Journal of Psychiatric Research, 155*, 313-319. <https://doi.org/10.1016/j.jpsychires.2022.09.024>
8. Spilka, M. J., Raugh, I. M., **Berglund, A. M.,** Visser, K. F., & Strauss, G. P. (2022). Intact implicit reinforcement learning in schizophrenia and youth at clinical high-risk for psychosis. *Biological Psychiatry, 91*(9), S289-S290. <https://doi.org/10.1016/j.biopsych.2022.02.733>
9. Macdonald, K. M., Spilka, M. J., Bartolomeo, L. A., Raugh, I. M., **Berglund, A. M**., & Strauss, G. P. (2021). Adherence to recommended health and social distancing precautions during the covid-19 pandemic in individuals with schizophrenia and youth at clinical high-risk for psychosis. *Schizophrenia Research*, *243*, 446-448. <https://doi.org/10.1016/j.schres.2021.07.030>
10. Klaunig, M. J., Trask, C. L., Neis, A. M., Cohn, J. R., Chen, X., **Berglund, A. M.** & Cicero, D. C. (2018). Associations among domains of self-disturbances in schizophrenia. *Psychiatry Research, 267*, 187-194*.* <http://www.doi.org/10.1016/j.psychres.2018.05.082>

**Oral Presentations**

1. **Berglund, A. M.** & Cicero, D. C. (2019, May). Multimethod Assessment of Self-Disturbances in Schizotypy. Oral presentation presented at the Spring 2019 Undergraduate Showcase, University of Hawai’i at Mānoa, Honolulu, HI.
2. **Berglund, A. M**., Werntz, A., & Teachman, B. A. (2018, July). Age Differences in Implicit Associations Toward Mental Health Treatment. Oral presentation presented at the 25th Annual Leadership Alliance National Symposium, Hartford, CT.
3. **Berglund, A. M**., Werntz, A., & Teachman, B. A. (2018, July). Age Differences in Implicit Associations Toward Mental Health Treatment. Oral presentation presented at the University of Virginia’s Pizza, Posters and Presentations Symposium, Charlottesville, VA.

**Poster Presentations**

1. **Berglund, A. M.**, James, S. H., Raugh, I. M., Sinclair, R. A., & Strauss, G. P. (2022, September). *Beliefs About the Uncontrollability and Usefulness of Emotion in the Schizophrenia-Spectrum: Links to Emotion Regulation and Negative Symptoms*. Poster presented for the Society for Research in Psychopathology 2022 Annual Meeting, Philadelphia, PA.
2. James, S. H., **Berglund, A. M**., Zhang, L., Raugh, I. M., & Strauss, G. P. (2022, September). *Environmental Geocoding and Digital Phenotyping Reveal Cultural Factors that Influence State Fluctuations in Negative Symptoms in Schizophrenia.* Poster presented for the Society for Research in Psychopathology 2022 Annual Meeting, Philadelphia, PA.
3. Ayawvi, G., **Berglund, A.M.**, James, S.H., Luther, L., Walker, E.F., Mittal, V.A., & Strauss, G.P. (2022, September). *Impact of early traumatic experiences on negative symptoms in those at clinical high risk for psychosis.* Poster presented at the 2022 Society for Research in Psychopathology Annual Meeting, Philadelphia, PA.
4. Collins, D. E., Luther, L., Raugh, I. M., **Berglund, A. M**., Salyers, M. P. Condray, R., Allen, D. N. & Strauss, G. P. (2022, September). *The Role of Disability Benefits in Negative Symptoms of Schizophrenia*. Poster presented at the Society for Research in Psychopathology 2022 Annual Meeting, Philadelphia, PA.
5. Raugh, I.M., Bartolomeo, L.A., **Berglund, A. M**., Strauss, G.P. (2022, September). *Deconstructing Emotion Regulation In Schizophrenia: Evaluation Of Moderators Across Identification, Selection, And Implementation Stages.* Poster presented at the Society for Research in Psychopathology 2022 Annual Meeting, Philadelphia, PA.
6. **Berglund, A. M**., Raugh, I. M., Visser, K. F., James, S. H., Bartolomeo, L. A., Macdonald, K. I., Ayawvi, G., Walker, E. F., Mittal, V. A., & Strauss, G. P. (2022, April). *Examining the Extended Process Model in Youth at Clinical High-Risk for Psychosis.* Poster presented at the Society for Affective Science, virtual conference.
7. Raugh, I. M., **Berglund, A. M.,** James, S. H., Bartolomeo, L. A., Ayawvi, G., Macdonald, K. I., Visser, K. F., Walker, E. F., Mittal, V. A., & Strauss, G. P. (2022, April). *Deconstructing Emotion Regulation in Bipolar Disorder: An Ecological Momentary Assessment Study.* Poster presented at the Society for Affective Science, virtual conference.
8. Spilka, M. J., Raugh, I. M., **Berglund, A. M.,** Visser, K. F., & Strauss, G. P. (2022, April). *Intact implicit reinforcement learning in schizophrenia and youth at clinical high-risk for psychosis*. Poster presented at the Society of Biological Psychiatry 2022 Annual Meeting, New Orleans, LA.
9. Zollicoffer, A., **Berglund, A. M**., James, S. H., Luther, L., Collins, D., Jarvis, S., Ayawvi, G., Walker, E. F., Mittal, V. A., & Strauss, G. P. (2022, February). *Risk Factors in African Americans Meeting Criteria for the Attenuated Psychosis Syndrome*. Poster presented at the National Association of African American Studies Conference, virtual conference.
10. **Berglund, A. M.**, Raugh, I. M., Macdonald, K. I., James, S. H., Knippenberg, A. R., & Strauss, G. P. (2021, September). *The Effects of the COVID-19 Pandemic on Hallucinations and Delusions in Youth at Clinical High-Risk for Psychosis and Outpatients with Schizophrenia.* Poster presented at the 34th Annual Meeting of the Society for Research in Psychopathology, virtual meeting.
11. James, S. H., Macdonald, K. I., Raugh, I. M., Bartolomeo, L. A., **Berglund, A. M**., & Strauss, G. P. (2021, September). *Cultural Values are Associated with Negative Symptoms in Chronic Schizophrenia and the Attenuated Psychosis Syndrome.* Poster presented at the 34th Annual Meeting of the Society for Research in Psychopathology, virtual meeting.
12. Macdonald, K. I., Spilka, M. J., Bartolomeo, L. A., **Berglund, A. M**., Raugh, I. M., & Strauss, G. P. (2021, September). *Adherence to Recommended Health and Social Distancing Precautions during the COVID-19 Pandemic in Individuals with Schizophrenia and Youth at Clinical High-Risk for Psychosis.* Poster presented at the 34th Annual Meeting of the Society for Research in Psychopathology, virtual meeting.
13. **Berglund, A. M.,** Klaunig, M. J., Armintrout, A. T., & Cicero, D. C. (2018, September). *Self-Disturbances and Schizotypy in a Non-Clinical Population*. Poster presented at the 32nd Annual Meeting of the Society for Research in Psychopathology, Indianapolis, IN.
14. Armintrout, A. T., Cohn, J. R., **Berglund, A. M.**, & Cicero, D. C. (2018, September). *Locus of Control as a Moderator of the Relation Between Aggression and Hostility Attribution Bias*. Poster presented at the 32nd Annual Meeting of the Society for Research in Psychopathology, Indianapolis, IN.

**Research Experience**

**Lab Manager**

**August 2022 – July 2023**

*Clinical Affective Neuroscience Lab (CANLab)*

University of Georgia, Department of Psychology, Athens, GA

PI: Gregory P. Strauss, Ph.D.

Lab focus: Examining the phenomenology, etiology, assessment, and treatment of negative symptoms in individuals diagnosed with schizophrenia and youth at clinical high-risk for psychosis.

Overall duties:

* Continued involvement with individual projects as a coordinator
* Managing team of 1 postdoc, 5 graduate students, and 6 post-baccalaureate research coordinators, 3 undergraduates
* Managing IRB protocols for 15 active studies
* Overseeing and executing data uploads to the NIMH NDA database
* Appointed lead clinical interviewer for all clinical high-risk studies conducted in the lab
* Oversight of participant payments and study expenditures
* Independently conducting and scoring diagnostic and symptom severity interviews, including the Structured Interview for Prodromal Syndromes (SIPS), Structured Interview for DSM-5 (SCID-5), and Negative Symptom Inventory for Psychosis-Risk (NSI-PR), Global Functioning Scale: Social (GFS-S), Global Functioning Scale: Role (GFS-R), Research Interview for Life Events (RILES), Brief Negative Symptom Scale, Positive and Negative Syndrome Scale (PANSS), Level of Functioning Scale (LOF), Calgary Depression Scale for Schizophrenia (CDSS)
* Administration of neuropsychological assessments (MATRICS Consensus Cognitive Battery)
* Assistance with manuscript preparation and data analysis
* Writing psychosis risk assessment and diagnostic case reports
* Writing suicide/homicide risk reports; safety planning in times of clinical crisis
* Involved in interview process and onboarding for new employees
* Database management using REDCap, Qualtrics, Adobe Acrobat, and Klooje

**Research Coordinator**

**July 2020 – July 2022**

* “Prodromal Inventory for Negative Symptoms (PINS): A Development and Validation Study,” a multi-site study to validate the Negative Symptoms Inventory for Psychosis Risk (NSI-PR), a screening tool for negative symptoms in youth at clinical high-risk  
  NIMH R01-MH116039 03/01/2019 – 11/30/2024 $2,969,883
  + Lead project manager/coordinator for a 3-site study
  + Participant recruitment, retention, and payment for a longitudinal study
  + Database creation and management: Compiled, cleaned, prepared, and uploaded all clinical and digital phenotyping data for the study and NIMH Data Archive submissions every 6 months for all sites
  + NIMH recruitment milestone reports and research performance progress reports
  + Qualtrics database creation and maintenance for study screening and REDCap database creation and maintenance for questionnaire data collection
  + Social media data acquisition
  + Training and supervising research coordinators in clinical interviews and study procedures
* “Cognitive Training for Emotion Regulation in Psychotic Disorders,” study that examines the efficacy of a novel app-based cognitive training program for enhancing the proximal target of emotion regulation via a direct mechanistic effect on increasing prefrontal activation  
  NIMH R61-MH121560 04/01/2020 – 03/31/2025 $2,997,345
  + Training in MRI safety and screening protocols
  + fMRI data acquisition using 3T GE scanner
  + Eye tracking data acquisition using SR Research Eyelink 1000 System
  + Screening participants for MRI eligibility, reviewing MRI safety with participants, and setting participants up in the scanner
  + Participant recruitment, scheduling, retention, and payment for a multi-week longitudinal clinical trial with 3 MRI scans
  + Administering ePrime tasks to participants in the scanner
  + Managing MRI data including downloading files from imaging center server
  + Monitoring and downloading cognitive training app data and EMA data
* “4/5 CAPER: Computerized Assessment of Psychosis Risk,*”* multisite study that develops and validates a novel computerized screening battery for the early identification of psychosis among youth with prodromal syndromes  
  NIMH R01-MH120092 04/01/2020 – 03/31/2025 $2,080,177
  + Designated lab member to present UGA clinical high-risk cases for multi-site consensus discussion and approval
  + Clinical case presentations at weekly consensus meetings (within and across labs)
  + Administration of online computer tasks and questionnaires via REDCap and Klooje
* “Psychosis Assessment of COVID-19 Effects,” coordinated a longitudinal follow-up of virtual study investigating how the COVID-19 pandemic impacted psychological symptoms and functioning in individuals with psychosis and youth at clinical high-risk
  + Recontacted participants after one year of participation, retention rate of 71% of clinical high-risk participants and 81% of participants with schizophrenia
  + Managed IRB preparation and submission
  + Assisted with coding, cleaning, and compiling dataset in R with >800 variables
  + Data analysis in R and SPSS; Poster and manuscript preparation
* “ProNET: Psychosis Risk Outcomes Network,” a multinational study that evaluates biomarkers and clinical factors giving rise to the development of psychotic disorders in those at clinical high-risk for psychosis  
  NIMH U01MH124639 09/08/2020 – 06/30/2025 $1,732,983
  + Trained on EEG safety, set-up, and data collection protocol
  + Designated site trainer for natural language processing assessment

**Research Assistant**

**2016 – 2019**

*Hawai‘i Early Assessment Lab (HEALab)*

*University of Hawai’i at Mānoa, Department of Psychology, Honolulu, HI*

PI: David C. Cicero, Ph.D.

Lab focus: Assessing the development of schizophrenia and psychosis, and its relationship to self-processing to understand mechanisms of psychosis and further preventative methods

* Honors thesis project: Multimethod assessment of self-disturbances in schizotypy
  + Managed IRB preparation and submission
  + Primary research assistant assigned to a study that analyzes the relation between schizotypy levels in the undergraduate population and bodily self-disturbances
  + Recruited, screened, and administered study protocol to >100 participants
  + Administered tasks examining haptic acuity (2-point discrimination), upper body proprioceptive acuity (weight discrimination), and interoceptive awareness (heartbeat perception)
  + Administered Reading the Mind in the Eyes Test
  + Electrodermal and electrocardiography data acquisition
  + Managed SONA account to recruit undergraduate research participants
  + Assisted with data analysis and manuscript preparation
  + Disseminated results through oral and poster presentations
* Administered and scored The Awareness of Social Inference Test (TASIT) to participants
* Trained undergraduate research assistants in study protocols

**The Leadership Alliance’s Summer Research - Early Identification Program (SR-EIP)**

**Intern**

**June – July 2018**

*Program for Anxiety, Cognition, and Treatment (PACT Lab)*

*University of Virginia, Department of Psychology, Charlottesville, VA*

PI: Bethany A. Teachman, Ph.D.

National competitive internship for undergraduates for training and mentoring in conducting research (fully funded for eight weeks of full-time research at the host university)

* Conducted individual project involving age differences in implicit and explicit attitudes toward mental health treatment
* Analyzed large datasets from Project Implicit Mental Health with >10,000 participants
* Assisted with the development of *MindTrails* (R01MH113752-01), an online anxiety symptom reduction intervention
* Attended laboratory meetings focusing on the treatment of anxiety disorder

**Skills**

Certifications:

* Certified Assessor of the Structured Interview for Prodromal Syndromes (SIPS), certified July 9, 2021

Clinical experience:

* Suicide risk assessment and safety planning
* The Structured Clinical Interview for DSM-5 (SCID-5)
* Negative Symptom Interview for Psychosis-Risk (NSI-PR)
* Global Functioning Scale: Social (GFS-S)
* Global Functioning Scale: Role (GFS-R)
* The Calgary Depression Scale for Schizophrenia (CDSS)
* The Brief Negative Symptom Scale (BNSS)
* The Positive and Negative Syndrome Scale (PANSS)
* Columbia-Suicide Severity Rating Scale (C-SSRS)
* MATRICS Consensus Cognitive Battery (MCCB)
* Level of Functioning Scale (LOF)
* Research Interview for Life Events (RILES)
* Family Interview for Genetic Studies (FIGS)

Laboratory Skills:

* Data Analysis and Plotting in R, SPSS (ANOVA, T-Tests, Multiple Regression, Multi-Level Analyses)
* Database creation and maintenance in REDCap, Qualtrics, Adobe Acrobat
* Programming and administering computer tasks in E-Prime
* Digital Phenotyping: Data collection via mEMA app from Illumivu; data collection for passive (geolocation, accelerometry, vocal acoustics) and active (EMA surveys, ambulatory videos) digital phenotyping; programming surveys; data exporting and pairing based on time stamps
* Eye Tracking: Data collection using SR Research Eyelink 1000 System
* MRI: data acquisition, safety screening, data storage

**Honors and Awards**

2019 First Place Oral Presentation in Social Sciences area at Spring 2019 Undergraduate Showcase, University of Hawai’i at Mānoa

2018 Leadership Alliance Summer Research Early Identification Program Intern, Department of Psychology (Clinical area) at the University of Virginia

2018 Undergraduate Award for Research Excellence, Department of Psychology, University of Hawai‘i at Mānoa ($1,000)

2017 Undergraduate Research Opportunity Grant, University of Hawai‘i at Mānoa ($4,770)

2015 – 2019 Dean’s List, University of Hawai‘i at Mānoa (all semesters)

2015 Mānoa Merit Scholarship, University of Hawai‘i at Mānoa ($20,000)

**Professional Society Affiliations**

Society for Research in Psychopathology

Society for Affective Science

Phi Beta Kappa

Psi Chi: The International Honor Society in Psychology