

## Jesse Bahrke, M.S., LPC

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### EDUCATION

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**Rosalind Franklin University of Medicine and Science**, North Chicago, IL

2022 - Present

Doctor of Philosophy, PhD Clinical Psychology

*Dissertation:*

**Rosalind Franklin University of Medicine and Science**, North Chicago, IL

2022 - 2024

Master of Science, Clinical Psychology (Health Track)

*Thesis: Mining for Diagnostic Criteria in the Social Behavior of People with ASD:  
Using Machine Learning to Explore Aspects of Reddit Use*

**Rosalind Franklin University of Medicine and Science**, North Chicago, IL

2020 - 2022

Master of Science, Clinical-Counseling Psychology (Research Track)

**University of Illinois**, Springfield, IL

2018

Bachelor of Arts, Philosophy - Focus: Logic, consciousness, ethics. Earned honorable mention.

### RESEARCH EXPERIENCE

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**Rosalind Franklin University of Medicine and Science**

Aug 20 - Present

**Department of Psychology**, North Chicago, IL

*Lab Doctoral Student / Principal Investigator: Steven Miller, PhD*

GPF Foundation Presentation on MDMA Awareness

Utilizing Machine Learning Techniques to Measure Topics During COVID-19

*Lab Master's Student / Principal Investigator: Kristin Schneider, PhD*

Understanding Impact of COVID-19 on Physical Activity

- Completed coding and analysis of qualitative and quantitative data via SPSS, R, and Python
- Headed coordination and execution of research studies in collaboration with multiple labs
- Participant tracking, assignment, and screening, and document writing and data collection
- Lead meetings to discuss and review manuscripts and poster presentations for other lab members

### CURRENT RESEARCH

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**Partnership with RFU Gait Lab**

Detecting differences in stride to predict self reported psychological distress and victimization

**Partnership with DePaul University**

Impact of daily stress on sleep and cortisol in populations with chronic physical/mental health conditions

### MANUSCRIPTS

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1. Kessler, L., Hopkins, A., Bahrke, J., & Kunstman, K. (2023). An Overview of Adolescent Psychostimulant Use. In *Pediatric Annals* (Vol. 52, Issue 5). SLACK, Inc. <https://doi.org/10.3928/19382359-20230307-05>
  2. Feinstein, B. A., Chang, C. J., Bunting, S. R., Bahrke, J., Hazra, A., & Garber, S. S. (in press). Willingness to prescribe PrEP to bisexual men depends on the genders of their past partners: A study of medical students in the U.S. *Archives of Sexual Behavior*

### POSTER PRESENTATIONS

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1. Bahrke, J., Miller, S. A. Distinct Communication Patterns in Autism Spectrum Disorder: Insights from Reddit Topic Engagement (APS Annual Conference May 2025)
  2. Bahrke, J., Miller, S. A. Classifying Autism Spectrum Disorder Posts on Reddit Using Machine Learning (MPA Annual Conference May 2025)
  3. Bahrke, J., Greenley, R. N., Tran, S. T., Buscemi, J., Miller, S. A. Chronic Mental Health Conditions and Sleep Efficiency: A Variability Investigation (APS Annual Conference May 2024)
  4. Bahrke, J., Greenley, R. N., Tran, S. T., Buscemi, J., Miller, S. A. Chronic Mental Health Conditions and Sleep Fragmentation: A Variability Investigation (MPA Annual Conference April 2024)
  5. Bate, G., Latent Variable Model Does Not Capture Actigraph-Assessed Sleep Quality Indices. (APS Annual Conference May 2024)

6. Bahrke, J., Greenley, R. N., Tran, S. T., Buscemi, J., Miller, S. A. Topics Discussed During COVID Identified by Unsupervised Machine Learning Predict Distress Levels (APS Annual Conference May 2023)
7. Bahrke, J., Greenley, R. N., Tran, S. T., Buscemi, J., Miller, S. A. Challenging Topics: Exploring Themes in Experiences During COVID-19 in Emerging Adults (SPPAC Annual Conference 2023)
8. Bahrke, J., Schneider, K. Physical activity during COVID-19: Access to personal training, but not gyms or outdoor spaces, impacts physical activity (APS Annual Conference May 2022)

## CLINICAL TRAINING

### Endeavor Health - Swedish Hospital

July 24 - Present

*Advanced Extern*

*Supervisor: Fyeqa I. Sheikh, Psy.D.*

Rotations: Inpatient Rehab / Consultation Liaison

- Conducted intake assessments and evaluations for inpatient referrals, addressing a wide array of health presentations and comorbid conditions to guide treatment planning
- Provided psychological support and assessment in a physical rehabilitation unit, assisting patients in managing mental health challenges related to their physical recovery

### NorthShore University HealthSystem

June 23 - Present

*Advanced Extern*

*Supervisor: Natalie P. Schmitt, Ph.D., Stephanie Anne Aylward, Ph.D.*

Rotations: Concussion Clinic / Chronic Pain / Psycho-Oncology / Weight Management

- Conduct comprehensive diagnostic interviews, assessments, individualized therapy, and neurological testing for patients with diverse conditions, including concussion symptoms, chronic pain, cancer-related challenges, and weight management, with a focus on cognitive, emotional, and holistic mental health evaluations
- Authored integrated reports for neuropsychological testing, synthesizing cognitive, emotional, and behavioral findings to support comprehensive patient care
- Collaborate with a multidisciplinary team to develop treatment plans, and administer psychoeducation

### Captain James A. Lovell Federal Health Care Center

#### Outpatient Mental Health Clinic

June 22 - June 23

*Extern Therapist*

*Supervisor: Matthew Welsh, PhD*

- Provide short-term and long-term individual therapy to adult active duty and veteran service members in a hospital-based outpatient setting presenting with a wide range of conditions, including mood disorders, anxiety disorders, substance use disorders, adjustment disorders, and combat-, civilian-, or early life trauma-related disorders
- Lead group therapy services, both process and psychoeducational, to adult active duty and veteran service members in a hospital-based outpatient setting presenting with a wide range of conditions

### Symmetry Counseling, Chicago, IL

June 22 - Present

*Student Intern / LPC*

*Supervisors: Anne Brennan Malec, PsyD, LMFT*

- Provided individual therapy to address a variety of concerns including depression, anxiety, attention deficit/hyperactivity disorder, engagement in self-harm behaviors, low self-esteem, developmental disorders, and poor social skills, and offered therapy focused on skill development
- Administered brief psychological assessments to assess for anxiety and depression.
- Responsible for writing reports and notes for insurance purposes

### Experience Wellness, Lincolnshire, IL

May 21 - Present

*Student Intern / LPC*

*Supervisors: Lenel Reuther, PsyD, LPC; Dave Schaefer, LCPC*

- Conducted diagnostic interviews with outpatient adults seeking services for a wide range of presentations
- Provided individual therapy to address a variety of concerns including depression, anxiety, attention deficit/hyperactivity disorder, engagement in self-harm behaviors, low self-esteem, developmental disorders
- Gained experience teaching patients CBT-related skills and information specific to depression and anxiety
- Administered brief psychological assessments to assess for anxiety and depression
- Responsible for writing reports and attending feedback sessions with supervisors, attended clinic meetings with supervisors to review cases, and participated in case consultations and presentations
- Promoted Experience Wellness by creating social media pages and marketing campaigns

### Rosalind Franklin University of Medicine and Science

#### Interprofessional Community Clinic Initiative

Nov. 20 – June 22

## **Behavioral Health Panel, North Chicago, IL**

*Student Therapist*

*Supervisor: Kenneth Kessler, PhD*

- Provided weekly and bi-weekly therapy to uninsured members of the community
- Assisted in conducting patient intake interviews with a multidisciplinary team of students for underserved adult community members seeking services for issues including addiction, weight management, and smoking cessation, and general consults for patients endorsing symptoms of depression and/or anxiety
- Conducted health behavior change consults for patients with health concerns, particularly related to diet, exercise, and pain management
- Participated in interdisciplinary medical appointments with students from other disciplines

## **LEADERSHIP EXPERIENCE**

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### **Rosalind Franklin University of Medicine and Science**

#### **Interprofessional Community Clinic Initiative**

April 21 – June 22

*Student Trainer*

- Responsible for training incoming student therapists on procedures for individual therapy, general consults, and health behavior change consults
- Conduct biweekly training meetings with behavioral health panel regarding updated policies and procedures, as well as discuss panels patient load and assist team with treatment planning

### **Rosalind Franklin University of Medicine and Science**

#### **STATS Club - Financial Officer / Consultant**

- Consulted on statistical methods and procedures for individuals and organizations on and off campus
- Responsible for the annual budget and maintaining financial records for the ASA Student Chapter
- Assist in preparing monthly Executive Student Council reports
- Responsible for the collection and deposit of all membership dues and reporting accounts and transactions

## **WORKSHOP EXPERIENCE**

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### **Sam Houston State University**

- *Applications of Machine Learning for Measuring and Modeling Psychological Concepts via Different Methods of Communication*
- *Using Large Language Transformer Models for Research in R: A Short Course*

## **PROFESSIONAL EXPERIENCE**

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### **Experience Wellness, Lincolnshire, IL**

*Counselor / LPC*

*Supervisors: Lenel Reuther, PsyD, LPC; Dave Schaefer, LCPC*

May 22 - Present

- Provided individual therapy to address a variety of concerns including depression, anxiety, attention deficit/hyperactivity disorder, engagement in self-harm behaviors, low self-esteem, developmental disorders, and poor social skills, and offered therapy focused on skill development
- Administered brief psychological assessments to assess for anxiety and depression

### **Bahrke Wellness LLC**

2020 – Present

*Owner/Trainer/Coach*

- Built a clientele and serviced individuals by providing consultation and planning surrounding health, fitness, and nutrition change
- Solely responsible for creating multiple ad campaigns to build and maintain clientele, scheduling and programming for clientele, and created fitness and nutrition curriculum for coaches and trainers
- Developed and taught seminars on structural physical strength and breath
- Built, opened, staffed, and sold, small training studios in the Chicagoland area
- Created, combined, sold multiple corporations