Haya Fatimah, Ph.D.

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EDUCATION

University of South Florida

Doctor of Philosophy in Psychology (Clinical) 2024
Clinical Internship: McLean Hospital/Harvard Medical School

Masters of Arts in Psychology 2020

New York University

Master of Arts in Psychology 2014
Fulbright Scholarship Degree Program

Forman Christian College (A Chartered University)

Bachelor of Science (Hons.) 2011

POSITIONS

University of Notre Dame Notre Dame, IN Jan 2025- Present
Assistant Professor of Psychology
Director: Processes in Personality and Psychopathology Lab

University of Notre Dame Notre Dame, IN Aug 2024-Dec 2024
Visiting Assistant Professor of Psychology
Director: Processes in Personality and Psychopathology Lab

University of Management and Technology Lahore, Pakistan Aug 2014- Jul 2016
Lecturer of Psychology

AWARDS & HONORS

Fulbright Masters Scholarship 2012-14
U.S Department of State for MA degree program at the New York University.

NYU Graduate School of Arts & Science Scholarship 2012-14
New York University; Tuition waiver for MA program

Masters Scholar 2014
New York University

Best Poster Award 2014
18th Annual Masters Psychology Research Conference, New York University

Outstanding Student in the Faculty of Social Sciences 2011
Forman Christian College

F.C. Merit Scholarship 2007-2011
Forman Christian College; Tuition waiver for Bachelors program

PEER REVIEWED PUBLICATIONS

1. Silva, G., **Fatimah**, H., Bornovalova, M., Rottenberg, J., & Goodman, F. R. (in press). The emotional and motivational aftermath of everyday rejection. *Emotion*.
2. Fisher*, H., **Fatimah***, H., Pidvirny, K., Brown, H., Balkind, E., Pastro, B., & Webb, C. A. (2025). Affect dynamics in adolescent depression: Are all equilibria worth returning to?. *Emotion*.
3. **Fatimah, H.** Hunter, M. D. & Bornovalova, M. A. (2024). Modeling the Dynamics of Addiction Relapse Via the Double-Well Potential System. *Journal of Psychopathology & Clinical Science* https://doi.org/10.1037/abn0000960
4. **Fatimah, H.** Rappaport, L. M., & Bornovalova, M. A. (2023). Symptoms of borderline personality and related pathologies behave as temporal and contemporaneous networks. *Personality Disorders: Theory, Research & Treatment* doi:10.1037/per0000618
5. Hunter, M.D., **Fatimah, H**. & Bornovalova, M.A. (2022). Two filtering methods of forecasting linear and nonlinear dynamics of intensive longitudinal data. *Psychometrika* doi:10.1007/s11336-021-09827-5
6. Bornovalova, M. A., Choate, A. M., **Fatimah, H**., Petersen, K. J., & Wiernik, B. M. (2020). Appropriate use of bifactor analysis in psychopathology research: appreciating benefits and limitations. *Biological Psychiatry*.
7. Choate, A. M., **Fatimah, H**., & Bornovalova, M. A. (2020). Comorbidity in borderline personality: Understanding dynamics in development. *Current Opinion in Psychology*, *37*, 104-108.
8. **Fatimah, H**., Wiernik, B. M., Gorey, C., McGue, M., Iacono, W. G., & Bornovalova, M. A. (2019). Familial factors and the risk of borderline personality pathology: genetic and environmental transmission. *Psychological Medicine*, *50*(8), 1327-1337.

** authors contributed equally*

Manuscripts under review

Volgenau, K., Rappaport, L, **Fatimah, H,** Neale, M C., Bornovalova, M A. Criterion validity and longitudinal functioning of the DSM-5 alternative model pathological personality traits in a clinical sample. Under review at *Journal of Psychopathology & Clinical Science*

Manuscripts in preparation

1. Fatimah, H., Hilpert, R., Michaels, J., Wright, A. & Bornovalova, M. (manuscript in preparation). Personality pathology as a dynamical system
2. Fatimah, H., Choi-Kain, L., Branas, M., … (manuscript in preparation). Structure and properties of affective networks: Findings from the Brazil High Risk Cohort Study
3. **Shang, Z., Fatimah, H., Silva, G. Wang, L., Bornovalova, M., & Goodman, F. (manuscript in preparation). Dynamics of pe rejection: Who gets stuck?
4. Fatimah, H., Rum, R., Silva, G., Bornovalova, M., Rottenberg, J., & Goodman, F. (manuscript in preparation). How do depression and social anxiety co-occur in daily life?

*** student/mentee first author*

BOOK CHAPTERS

1. Bornovalova, M., Zaarur, A., **Fatimah**, H., Lee E., Carsten, E, & Neale, M. (In press). What can twin and molecular research tell us about dimensionality of psychopathology? The Oxford Handbook of Dimensional Models of Psychopathology (Editors: Kruger & Conway). Oxford University Press
2. Bornovalova, MA, Choate, A., **Fatimah, H**. (2020). Genetic and environmental mechanisms in BPD: Genetic (and personality) control of environmental exposure over the lifespan. In C. W. Lejuez (Ed.), *Handbook of Personality Disorders*. Cambridge University Press.

GRANT APPLICATIONS

Awarded

2025 Franco Family Institute Large Research Grant $20,000
- Principal Investigator
- Title: Personalized prediction of non-suicidal self-injury (NSSI) in youth: Examining complex dynamics in processes

2025 Indiana Department of Mental Health and Addiction (DMHA) $211,087
- Co-Investigator (PI: Tamika Zapolski, Ph.D. Indiana University)
- Title: Indiana Black Youth Suicide Prevention

2024. WISE Indiana, Indiana FSSA $250,000
- Co-investigator (PI: Tamika Zapolski, Ph.D. Indiana University)
- Title: Black Youth Suicide Prevention

(stop work order received in Feb 2025)

2022 APF 54 Lizette Peterson-Homer Injury Prevention Grant $5000
- Principal Investigator
- Title: Prediction of non-suicidal self-injury in youth

Decision pending

2025. Notre Dame Data, AI, and Computing (DAC) Initiative $10,000
- Collaborator
- Title: EmpowerHER Planning Phase: Building a Community Data Ecosystem for Culturally Responsive Women's Health Navigation

Not awarded

2025 Brain and Behavior Research Foundation (BBRF) Young Investigator Grant $70,000
- Principal investigator
- Title:

2025 American Psychological Foundation Direct Action Grant $20,000
- Principal investigator
- Title: From Connection to Crisis: Modeling complex dynamics underlying sudden shifts in borderline personality disorder

2025 Naughton Faculty Research Accelerator Program
- Co-PI
- Title: Scrolls2Signals: Detecting Emotion Dysregulation and Suicidal Risk Using Passive Mobile Sensing and Deep Learning

2025 Welcome Trust Generative AI for Anxiety, Depression, and Psychosis GBP 3 million
- Collaborator
- Title: Bridging Generative AI and Psychology: Visual and Audio Stimuli-based Treatment of Anxiety and Depression

2025 Franco Family Institute Research Innovation Collaborative
- Collaborator
- Title: Security Large Language Model for Borderline Personality Disorder Diagnosis

2024 American Foundation for Suicide Prevention, the Standard Innovation Grant. $124955
- Collaborator
- Title: Deployment Pilot of Adolescent Predictive Mental Health Model for Suicide Prevention and Behavioral Health Support

CONFERENCE PRESENTATIONS: ORAL

1. **Fatimah**, H., Fisher, H., Pidvirny, K., Balkind, E & Webb, C. Complex affect dynamics predict depressive symptoms over above mean and variance. Oral presentation at the International society for the study of personality disorders (ISSPD) International Congress 2025. Boston, MA.
2. **Fatimah**, H., Silva, F., Branas, M., Giovanni, S., Rohde, J., Miguel, E., Pan, P., & Choi-Kain, L. Associations Between D Affective Network Properties and Psychopathology: Findings from the Brazil High Risk Cohort Study. Oral presentation a International society for the study of personality disorders (ISSPD) International Congress 2025. Boston, MA.
3. **Fatimah, H.** Michaels, J. Wright, A. & Bornovalova, M. A. (2023). *Personality pathology as a dynamical system*. Presente Harvard Attachment, Personality, & Psychotherapy Conference. Boston, MA
4. **Fatimah, H.** & Bornovalova, M. A. (2021). *Damped oscillations in features of borderline personality disorder: Predicting regulation to equilibrium*. Presented at the 17th World Congress of ISSPD. Virtual event.
5. **Fatimah, H**., Rappaport, L. M. & Bornovalova, M. A. (2021). *Borderline personality and related pathologies as a network of temporally connected symptoms.* Presented at 8th Annual Convention of the North American Society for the Study of Personality Disorders. Virtual event.
6. Bornovalova, MA, **Fatimah, H**, Schlauch, R, Neale, MC. (2019). *Approach and Avoidance in Drug and Alcohol Use Dynamics*. Presented at the Conference for Complex Systems, Singapore.
7. Bornovalova, M.A., Rappaport, L, Volgenau, K., **Fatimah, H,** Neale, M C., Wiernik, B.M. (2019). *Criterion validity and longitudinal functioning of the DSM-5 alternative model pathological personality traits in a clinical sample*. Paper presented at the annual meeting of the Society for Research in Psychopathology, Buffalo, NY.
8. **Fatimah, H**., Gorey, C., Volgenau, K., Iacono, W., McGue, M., Bornovalova, M. A. (April 2017). *Familial risk factors and the transmission of borderline personality pathology: Understanding passive gene environment correlation.* Paper presented at the 5th Annual Convention of the North American Society for the Study of Personality Disorders. New York, NY.
9. **Fatimah, H.** & Zareen, G. (December 2015*). Sub-clinical borderline personality disorder features predict suicidality and non-suicidal self-injury in adolescents. Implications for assessment of BPD in Pakistan*. Paper presented at 1st National conference on Indigenizing Clinical Psychology. Lahore, Pakistan.
10. **Fatimah, H**. (July 2015). *Internalization of patriarchal ideology, self objectification, and self-injury, in young women*. Paper presented at 10th International Conference on Child and Adolescent Psychopathology. London, United Kingdom
11. **Fatimah, H**. (July 2015). *Parental attachment and borderline personality disorder: The interplay of maternal alienation and identity disturbance*. Paper presented at 10th International Conference on Child and Adolescent Psychopathology. London, United Kingdom.
12. **Fatimah, H**. (April 2015). *Childhood emotional abuse and dysregulated emotion in adolescents: Does self-forgiveness mediate the association*? Paper presented at the 11th National NeuroPsycon Conference held in Lahore, Pakistan.
13. **Shahbaz, F. & **Fatimah, H**. (April 2017*). Men's perception towards Women's Protection Against Violence bill 2016.* Presented at the 3-Day International Conference on Health Psychology. Lahore, Pakistan.
14. **Ikram, Z. & **Fatimah, H**. (November, 2016). *Internalization of patriarchal ideas and its psychological impact on women.* Presented at the 6th International Conference on the Psychology of Gender. Islamabad, Pakistan

CONFERENCE PRESENTAITONS: POSTERS

1. **Shang, Z., Fatimah, H. Silva, G., Bornovalova, M., & Goodman, F. A dynamic framework for understanding perceived rejection in every day life. Poster presented at the Society for Research in Psychopathology (SRP) Annual Meeting 2025. Los Angeles, CA.
2. **Mutiso, C. Dynamic associations between attention, stress, and negative affect in daily life. Poster presented at the Society for Research in Psychopathology (SRP) Annual Meeting 2025. Los Angeles, CA.
3. **Stevens, M. & Fatimah, H. (2025). Dynamic interplay of sleep and depressive symptoms in college students. Poster presented at Franco Institute RAMP Research Day.
4. **Fatimah, H.** & Bornovalova, M. A. (2021). *Thoughts and thermostats: Modeling self-regulation in negative cognitions using damped linear oscillator model.* Poster presented at 2021 Virtual Convention of the Association of Psychological Science. Virtual Event.

5. **Fatimah, H.** & Bornovalova, M. A. (2020). *Dynamics of alcohol and drug relapse in urban polysubstance users.* Poster presented at 42nd Annual Meeting of the Research Society on Alcoholism. Virtual event
6. **Fatimah, H.,** Rappaport, L. C., & Bornovalova, M. A. (2019). *Borderline personality pathology as a network of temporally connected symptoms.* Poster presented at the 33rd Annual Meeting of the Society for Research in Psychopathology. Buffalo, NY.
7. **Fatimah, H**., Volgenau, K. M., Rappaport, L. M., Bornovalova, M. A. (March, 2019). *Criterion validity and longitudinal functioning of the DSM-V alternative model of pathological personality traits in a clinical sample.* Poster presented at International convention on Psychological Science. Paris, France
8. **Fatimah, H.** (May, 2015). *Borderline personality features and suicidality in adolescents and emerging adults: Testing depressive symptoms as a mediator.* Poster Presented at 2nd International Conference on Mental Health held at Kuala Lumpur, Malaysia
9. **Fatimah, H**., & Reigada, L. C. (May, 2014). *Somatic symptoms in children with inflammatory bowel disease: The unique role of IBD-specific anxiety.* Poster presented at the Association for Psychological Sciences 26th International Convention. San Francisco, CA.
10. **Fatimah, H.,** & Reigada, L. C. (April, 2014) *Somatic symptoms in children with inflammatory bowel disease: The unique role of IBD-specific anxiety.* Poster presented at the 18th Annual MA Psychology Research Conference, New York University. New York, NY.

** *student/mentee first author/presenter*

INVITED TALKS

Modeling complex dynamics in psychopathology 2023

I discussed the application of dynamical systems models to understand the patterns of change in psychopathology at the Institute for Technology in Psychiatry, Harvard Medical School

Lots of Moving Parts of Psychopathology: Modeling complex patterns to develop personalized treatment 2022

I held a talk at the USF University Counseling center discussing the network theory of psychopathology and discussing how idiographic network models can be used to inform clinical interventions.

Thoughts & thermostats: Complexity and nonlinear dynamics in psychopathology 2021

At the departmental clinical area meeting (CAM) at USF, I discussed how psychopathology behaves as a complex system. I showed idiographic empirical models to demonstrate 1) network formation among symptoms of depression, anxiety and borderline personality disorder, and 2) self-regulation to equilibrium in negative cognitions associated with depression and anxiety.

Dialectical Behavior Therapy 2019

At the University Counseling Center, I conducted a training on dialectical behavior therapy(DBT) along with my colleagues and clinical supervisor from the DBT supervision group at USF Psychological Services Center.

Mindfulness: What and How 2018

I delivered a talk on mindfulness at Tampa General Hospital to a group of fellows in cardiology. In addition to conducting mindfulness training, I covered the principles of and neurological evidence supporting mindfulness practice.

Theoretical Status of Latent Variables 2017

I delivered a talk on the theoretical status of latent variables in the departmental Brown-bag series at USF. I also covered symptom networks as an alternative approach to latent variable modeling

Psychoanalysis: There and Then, and Here and Now

I delivered a talk at UMT Psychology department discussing the evolution and current status of psychoanalytic and psychodynamic treatments.

CLINICAL EXPERIENCE

Clinical Intern

McLean Hospital/Harvard Medical School 2023- 24

Graduate Student Clinician

USF Health-promotion in Oncology and Obesity in Pediatrics 2021-23
USF Psychological Services Center 2017-22
Rogers Behavioral Health 2019-20
University Counseling Center, USF 2018-19
Moffitt Cancer Center, USF 2018-19

GRADUATE TEACHING EXPERIENCE

University of Notre Dame 2025
Instructor of Record for undergraduate courses
Psychology of Personality

University of South Florida
Instructor of Record for undergraduate courses 2021-2023
Research Methods in Psychology
Abnormal psychology
Personality
Course Assistant for graduate courses
Psychometrics 2019
Graduate Teaching Assistant/Course Assistant for undergraduate courses
Introduction to Psychological Science; Research Methods in Psychology; Drugs & Behavior 2016-21

New York University
Teaching Assistant and Recitation leader for Introduction to Psychology 2013-14

SERVICE

Member, Veldman Family Psychology Clinic Research Taskforce 2025
Member, Doctoral Dissertation Committee
Member Doctoral Candidacy Exam Committee
Member 3-paper dissertation committee
Ad-hoc Reviewer
BMC Psychiatry 2025-Present
BMC Public Health 2025-Present
Borderline Personality Disorder and Emotion Dysregulation 2024-Present
Digital Neuroscience and Psychiatry 2025-Present
Journal of Psychopathology and Behavioral Assessment (JOBA) 2020-Present
Anxiety, Stress, and Coping 2024-Present
Journal of Drug Education 2024-Present

Ad-hoc reviewer (with lab members) 2016-2023
Assessment Behavior Genetics
Clinical Psychology Review
Clinical Psychology & Psychotherapy Journal of Abnormal
Psychology Journal of Adolescence
Journal of Clinical Child and Adolescent Psychology Journal of Research in Personality
Personality Disorders: Theory, Research & Treatment PLOS One
Psychology of Addictive Behaviors Psychological
Medicine Psychology of Addictive Behaviors Journal of Adolescence
Journal of Clinical Child and Adolescent Psychology

Research Access and Mentoring Program (RAMP) at Notre Dame 2025
Diversity Mentorship at USF 2021-22

Volunteer: National Institute on the Teaching of Psychology conference	2019
Peer Reviewer, Association for Psychological Science (APS) Rise Award	2014
Volunteer: Annual Convention of the Association of Psychological Science	2014
Peer Mentor, Forman Christian College	2010