

MIGLENA Y. IVANOVA

Curriculum Vitae

EDUCATION

PhD Pennsylvania State University, University Park, PA	<i>anticipated 2025</i>
Developmental Psychology	
Advisor: Dr. Rina Eiden	
MS Pennsylvania State University, University Park, PA	2022
Developmental Psychology	
Thesis: <i>Codeveloping trajectories of externalizing and internalizing behavior problems from toddlerhood to early school age: Role of prenatal substance exposure and caregiver sensitivity</i>	
Committee members: Drs. Rina Eiden, Jenae Neiderhiser, Peter Molenaar	
BS Montana State University, Billings, MT	2019
Psychology & Psychiatric Rehabilitation, <i>Summa Cum Laude</i> , GPA: 4.0	

HONORS

Fellowships/Awards

Prevention and Methodology Training (PAMT) Pre-doctoral Fellowship (T32 DA017629)	2022–2024
Graduate Scholar Award (\$8,000)	2022–2023
Strumpf Graduate Enhancement Award (\$5,000)	2021
Golden Merit Award (<i>Most distinguished undergraduate award at Montana State University Billings</i>)	2019
University Honors Scholar	2019
Outstanding Senior in Academic Achievement in Psychology (<i>One award given per year</i>)	2019
Outstanding Senior in Service Award in Psychology (<i>One award given per year</i>)	2019
Dean's List Undergraduate Honor Roll	2015–2019

Travel Awards

Society for Prevention Research Early Career Preventionists Network Travel Award (\$500)	2022
Travel award from the Richard and Susan Sokolov Family Fund Award (\$800)	2022
Travel award from the Robert and Ruth Faris Liberal Arts Child Psychology Fund (\$800)	2022
Association for Psychological Science Student Diversity Registration Award (\$200)	2021
Travel Award from the Robert & Ruth Faris Graduate Centennial Fund (\$135)	2020
Montana IDeA Network of Biomedical Research Excellence Student Travel Award (\$500)	2019
Travel Awards from Associated Students of MSUB (\$1,700)	2018–2019
Travel Awards from MSUB University Honors Program (\$1,500)	2018–2019

Scholarships/Non-Travel Awards

Richard and Susan Sokolov Family Fund Awards (\$1,035)	2022
Society of Multivariate Experimental Psychology Minority Workshop Award (\$795)	2021
Golden Heart Charitable Fund Scholarship (\$25,000)	2017–2019
University Honors Program Scholarship (\$11,500)	2016–2019
Yellowstone "A" Scholarship (\$8,000)	2016–2019
Associated Students of MSUB Scholarship (\$2,000)	2017–2019
International Student Scholarship (\$4,150)	2016–2018
John Self Rehabilitation Counseling Scholarship (\$2,500)	2016–2018
Career Services Student AOSA Scholarship (\$250)	2018
Jane Buttrey Memorial Scholarship (\$1,500)	2017
Woeste UCM Scholarship (\$500)	2017
Wine Festival Scholarship (\$3,500)	2017
Housing & Residence Life High GPA Scholarship (\$450)	2016

RESEARCH EXPERIENCE

Prevention and Methodology Training Pre-doctoral Fellow

Edna Bennett Pierce Prevention Research Center, Pennsylvania State University 2022–present

Mentors: Drs. Rina Eiden, Ashley Linden-Carmichael, Jenae Neiderhiser, Qiushi Chen

- Research examining the joint development of internalizing and externalizing behavior problems, differential pathways to the patterns of codevelopment, and subsequent differential substance use outcomes
- Training in person-centered approaches and machine learning

Graduate Research Assistant

2020–present

Development, Risk, and Resilience Lab, Department of Psychology, Pennsylvania State University;

Lab Director: Dr. Rina Eiden

- Coordinate with local research sites in data collection efforts
- Observe and contribute to research activities and publications via literature reviews and analyses
- Lead an extensive systematic review project (284,161 abstracts imported for screening)
- Supervise, train and mentor undergraduate research assistants

Projects: *Growing Up Health Study* (R21/R33-DA045640); *Maternal and Child Health Study* (R01-DA041231)

- Lead a team for behavioral coding of a child emotional regulation task and perform reliability coding
- Assist with data cleaning and syntax in SPSS
- Identify eligible participants for follow-up phase and track contact information using IBM Notes software
- Recruit participants and create data collection instruments in REDCap to investigate the effects of the COVID-19 pandemic on child's mental health well-being
- Coordinate administrative activities with the project coordinator as required (e.g., preparing necessary paperwork for the Institutional Review Board modifications, participant compensation)

Project: *Strong Family Foundations* (R01-AA027708)

- Assist in recruitment efforts and campaigns for a randomized clinical efficacy trial for expecting families with heavy drinking fathers to help meet monthly enrollment goals
- Aid in the design of recruitment materials

Graduate Research Assistant

2020–2021

Child Study Center, Pennsylvania State University

- Provided support for faculty grant development
- Recorded, transcribed, and distributed detailed minutes in faculty peer review meetings
- Interviewed students for spotlight articles and prepared content for the Child Study Center website
- Re-organized the filing system for easier file tracking

Research Assistant

2019

Doom Lab, Department of Psychology, University of Denver; Director: Dr. Jenalee Doom

- Performed thorough literature review of more than 300 articles and summarized relevant articles about the effects of early psychosocial stress on mental and physical health in adulthood
- Contributed to a meta-analysis by evaluating more than 2000 abstracts on the relationship between social support and body mass index, using the Covidence software
- Received training on measuring saliva and hair levels of cortisol
- Conducted extensive critical review of the literature on telomere length and mental illness

Research Assistant

2019

Traumatic Stress Studies Group, Department of Psychology, University of Denver; P.I.: Dr. Anne DePrince

- Encoded quantitative data from more than 200 reports and qualitative data from more than 50 interviews
- Conducted and transcribed structured interviews with executive directors of victim service agencies on the effects of funding on services provided for child and adult victims of domestic violence and sexual abuse
- Trained new lab members on proper data entry and data coding methods

Independent Research, Undergraduate Honors Senior Thesis

2018

Department of Psychology, Montana State University Billings; Advisor: Dr. Doxey Hatch

Honors thesis title: *Gender stereotypes: Do people still see certain behavioral traits as more masculine or feminine?*

- Designed and administered a survey to measure implicit cognition in relation to gender stereotypes
- Performed statistical analysis of data using SPSS and cultivated proficiency at interpretation

Independent Research

2017–2018

Department of Psychology, Montana State University Billings; Advisor: Dr. Matthew McMullen

Project title: *Do depressed people tend to search for depression on the internet: What does big data tell us?*

- Examined the correlation between Google searches and the occurrences of psychological disorders
- Contacted national agencies and used databases to access data of disorders' prevalence and other variables such as poverty, access to internet, and substance abuse by state; analyzed and visualized the data

Project title: *How certain are you that you have a good memory?*

- Designed, conducted, and presented a research study, using a survey to measure everyday memory and the effect of repetition, as well as the relationship between preference and ownership to memory
- Analyzed data from 85 participants and organized experimental data in Microsoft Excel and SPSS

Independent Research

2017–2018

Department of Psychology, Montana State University Billings; Advisor: Dr. Brent Finger

Project title: *The use of corporal punishment on children – arguments, research, and limitations.*

- Conducted a large literature review to gather data on the effects of corporal punishment
- Compared different meta-analyses and experiments to summarize existing research on the issue

Project title: *Attachment matters.*

- Reviewed and investigated new and relevant psychological research on attachment
- Compared different meta-analyses and studies, and synthesized results into a paper and poster presentation

PUBLICATIONS

Peer-Reviewed Publications

Level, R. A., Shisler, S. M., Seay, D. M., **Ivanova, M. Y.**, Kelm, M. R., Eiden, R. D., & Schuetze, P. (2021).

Within- and between-family transactions of maternal depression, parenting, and child engagement in the first two years of life: Role of prenatal maternal risk and tobacco. *Depression and Anxiety*, 38, 1279–1288.

<https://doi.org/10.1002/da.23211>

Manuscripts in Preparation or in Review

Seay, D. M., **Ivanova, M. Y.**, Nickerson, A. B., Godleski, S., Schuetze, P., & Eiden, R. D. (2022). *Family risk exposure profiles during early childhood: Developmental processes and adolescent well-being*. Manuscript submitted for publication.

Ivanova, M. Y., Seay, D. M., Paquin, S., Zhou, A. M., Chen, T., & Neiderhiser, J. *Genetic and environmental influences on co-occurring internalizing and externalizing problems across development*. Manuscript in preparation.

Dagan, O., **Ivanova, M. Y.**, Livingston, J., Bernard, K., & Eiden, R. D. *Developmental trajectories of internalizing and externalizing symptoms and attachment network group membership*. Manuscript in preparation.

Eiden, R. D., **Ivanova, M. Y.**, Marcus, R. C. *Prenatal substance use*. Invited paper in Annual Review of Developmental Psychology. Manuscript in preparation.

PRESENTATIONS

**DENOTES UNDERGRADUATE STUDENT MENTEE

Posters

Ivanova, M. Y., Schuetze, P., & Eiden, R. D. (2022). *Codeveloping early childhood trajectories of internalizing and externalizing problems in a disadvantaged U. S. sample*. Poster accepted to be presented virtually at the 13th European Society for Prevention Research Conference and Members' Meeting, Tallinn, Estonia.

Ivanova, M. Y., **Herrera, K. C., Godleski, S., Feinberg, M. E., Colder, C. R., Derman, K., Sassaman, J., & Eiden, R. D. (2022). *Recruiting in times of COVID-19: Traditional vs. social media recruitment methods for a randomized clinical trial of first-time expecting parents*. Poster presented at the Society for Prevention Research 30th Annual Meeting, Seattle, WA.

Marcus, R., **Ivanova, M. Y.**, Godleski, S., Nickerson, A., Ostrov, J., Schuetze, P., & Eiden, R. D. (2022). *Role of caregiver pre- to postnatal substance use and early adolescent peer processes on late adolescent substance use*. Poster presented at the Society for Prevention Research 30th Annual Meeting, Seattle, WA.

- **Suomela, M. L., **Ivanova, M. Y.**, & Eiden, R. D. (2022). *Age of diagnosis, quality of life, and functional impairment among adults with ADHD: Differences between men and women*. Posted presented at the 2022 Psi Chi Undergraduate Research Conference, University Park, PA.
- **Herrera, K. C., & **Ivanova, M. Y.** (2022). *Using organic social media content as a complementary recruitment strategy for a randomized clinical trial*. Poster presented at the 93rd Eastern Psychological Association Conference, New York City, NY.
- Ivanova, M. Y.**, Eiden, R. D., & Schuetze, P. (2021). *Stress and smoking during pregnancy: Associations with internalizing behavior problems at kindergarten age*. Poster presented at the 2021 Association for Psychological Science Virtual Convention.
- Kelm, M. R., **Ivanova, M. Y.**, Schuetze, P., & Eiden, R. D. (2021). *Maternal psychological distress and parenting behavior in a low-income sample: Moderation by maternal substance use*. Poster presented at the Society for Research in Child Development 2021 Virtual Biennial Meeting.
- Ivanova, M. Y.** (2019). *Do depressed people tend to search for depression on the internet: What does big data tell us?* Poster presented at the 99th annual convention of the Western Psychological Association, Pasadena, CA.
- Ivanova, M. Y.** (2019). *Gender stereotypes: Do people still see certain behavioral traits as more masculine or feminine?* Poster presented at the annual conference of the 46th Western Regional Honors Council, Bozeman, MT.
- Ivanova, M. Y.** (2018). *The use of corporal punishment on children - arguments, research, and limitations*. Poster presented at the 5th annual Research, Creativity, and Community Involvement Conference, Billings, MT.
- Ivanova, M. Y.** (2017). *Attachment matters*. Poster presented at the 4th Annual Research, Creativity, and Community Involvement Conference, Billings, MT.
- Ivanova, M. Y.** (2016). *12 alternative treatments in addition to the 12-step program*. Poster presented at the 3rd Annual Research, Creativity, and Community Involvement Conference, Billings, MT.

Talks

- Ivanova, M. Y.** (2018). *How certain are you that you have a good memory?* Talk given at the 45th annual conference of the Western Regional Honors Council, Orange, CA.
- Barthruly, H., Branson, D., Chevalier, A. L., Downing, J., **Ivanova, M. Y.**, & Mill, B. (2018). *Food waste and insecurity among MSUB students*. Talk given at the 5th annual Research, Creativity, and Community Involvement Conference, Billings, MT.

TEACHING EXPERIENCE

Guest Lecturer

Pennsylvania State University (*PSYCH 105*). Guest lecture. Fall 2021
Psychology Research as a Career: Overview of Research-Intense Subfields.

Teaching Assistant

Department of Psychology, Pennsylvania State University 2021–2022
PSYCH 105 – Psychology as a Science and Profession (Drs. Plaufcan, Love, Shrira, Stevenson, Peck)

Department of Psychology, Montana State University Billings 2018
PSYX 222 – Psychological Statistics (Dr. Brent Finger)

Supplemental Instructor Lead, Introduction to Psychology (PSYX 100) 2017–2019

Academic Support Center, Montana State University Billings, Professors: Drs. Brent Finger, Matthew McMullen, David Austin, Ali Schultz, and Crystal Matthews, M.S.

- Instructed students in supplemental sessions in an introductory course averaging 150 students per semester
- Developed quizzes, practice exams, and homework sheets
- Provided feedback to professors about potential syllabus improvements to enhance learning outcomes
- Conducted exam reviews and organized and led group discussions

Tutor, Statistics, RStudio, Psychology, Writing, French 2017–2019

Academic Support Center, Montana State University Billings

- Assisted with projects, assignments, papers, research, and critical concepts

CLINICAL EXPERIENCE

Behavioral Health Technician II	2019–2020
Inpatient Psychiatric Department, Medical Center of Aurora	
<ul style="list-style-type: none">• Provide direct care to ensure the safety and well-being of pediatric, adolescent, and adult patients with psychiatric disorders, including substance use, while using DBT and other cognitive therapy techniques• Effectively establish rapport with patients and families by adhering to the therapeutic boundaries policy• Lead daily group therapy meetings• Assist in de-escalation, nonviolent crisis interventions, and hands-on practices• Code quantitative and qualitative patient data, using Meditech software	
Addiction Counseling Intern	2017–2018
Rimrock Foundation	
<ul style="list-style-type: none">• Observed psychiatric evaluations and assessments and recommended patient level of care• Counseled individuals with substance abuse and co-occurring disorders using techniques from the CBT, DBT, and 12-step theories	

PROFESSIONAL AFFILIATIONS

European Society for Prevention Research	2022–present
Society for Prevention Research	2022–present
Golden Key International Honour Society	2022–present
Society for Research in Child Development	2021–present
Association for Psychological Science	2021–present
Eastern Psychological Association	2021–present
Psi Chi, the International Honor Society in Psychology	2018–present
American Association of University Women	2018–present
International Society for Developmental Psychobiology	2020–2022
American Psychological Association	2018–2020

OTHER RELEVANT TRAININGS/WORKSHOPS

Latent Class/Cluster Analysis and Mixture Modeling (<i>CenterStat</i>)	2022
Introduction to Time-Varying Effect Modeling (<i>Pennsylvania State University</i>)	2022
Longitudinal Structural Equation Modeling (<i>Pennsylvania State University</i>)	2021
Introduction to Structural Equation Modeling (<i>CenterStat</i>)	2021
Machine Learning: Theory and Applications (<i>CenterStat</i>)	2021

COMMUNITY SERVICE AND STUDENT ENGAGEMENT

Journal Club in Statistical Methods and Analyses in Developmental Science	2021–present
Mentor for Next-Gen Psych Scholars Program	2021–present
Mentor for Peer Mentoring Program, Pennsylvania State University	2021–present
Volunteer Early Career Reviewer Mentee for SRCD	2022
Volunteer Reviewer for the APS Student Research Award	2022
Volunteer Research Judge, Psi Chi Undergraduate Research Conference	2022
Journal Club at the Social Detection Lab, University of Denver	2019
Student Advisory Board, MSUB University Honors Program	2016–2019
Angel Horses	2015–2017
Horses Spirit Healing	2015–2016
Mental Health Center/The Hub	2016

STUDENT MENTORING

Katrina Herrera, Undergraduate Student, Pennsylvania State University	current
Megan Suomela, Undergraduate Student, Pennsylvania State University	Graduated 2022
Senior Thesis Topic: <i>Age of diagnosis, quality of life, and functional impairment among adults with ADHD: Differences between men and women.</i>	