

JASMINE C. BIGELOW

3rd year Doctoral Candidate
Psychological and Brain Sciences at Indiana University
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RESEARCH INTERESTS

I research the biological, cognitive, and social determinants of aggression and prosociality trajectories across childhood, adolescence, and adulthood with the aim of supporting healthier and more positive social experiences for youth.

EDUCATION

2028 Ph.D., Indiana University Bloomington
Major: Psychology
Concentration: Developmental
Minor: Statistical Methods in Psychology
GPA: 4.0

2023 B.S., University of Illinois Urbana-Champaign
Major: Psychology
Concentration: Developmental
Minor: Philosophy
GPA: 3.97
Honors Thesis: “The role of need for approval in predicting social perceptions following victimization. University of Illinois Urbana-Champaign.”

HONORS, AWARDS, AND FELLOWSHIPS

2025 – 2027 NIMH Clinical Science T-32 Training Grant “*Training in Clinical Translational Science: Maximizing the Public Health Impact*” [\$60,000]
2023 – 2025 NIH Developmental Science T-32 Training Grant (Award Number T32HD007475) [\$54,288]
2025 PSI CHI Unrestricted Winter Travel Grant [\$1,500]
2025 PSI CHI Fall Graduate Research Grant [\$1,500] “*Contextualizing Aggression During the Middle*”

School Transition: The Role of Social Goals Within Friendship Networks”

- 2025 IU PBS Graduate Travel Award Fall Award [\$500]
- 2025 IU Julia R. Heiman Award [\$1,500]
- 2025 IU Gordon Kato Fellowship [\$2,531]
- 2024 Society for Personality and Social Psychology Diversity Graduate Registration Stipend [\$199]
- 2024 IU Julia R. Heiman Award [\$1,500]
- 2024 PSI CHI Summer Graduate Research Grant [\$934] “Aggression During the Middle School Transition: Social Goals and Egocentric Network Features as Predictors of Individual Differences”
- 2024 American Psychological Association Graduate Students (APAGS) Junior Scientist Fellowship [\$1,000]
- 2020 – 2023 UIUC Dean’s List
Top 20% of the University of Illinois College of Liberal Arts and Sciences
- 2020 – 2023 UIUC James Scholar
Top 10% of the University of Illinois College of Liberal Arts and Science

PEER-REVIEWED PUBLICATIONS

1. **Bigelow, J. C.** & Chaku, N. (2024). Appearance-related victimization and pubertal asynchrony: Identifying sex-specific vulnerabilities. *Journal of Youth and Adolescence*. Preregistered. <https://doi.org/10.1007/s10964-024-02099-z>
2. Kelly, D. P., **Bigelow, J. C.**, & Chaku, N. (2024). Considering a multiverse of pubertal timing effects: Do different operationalizations produce different results? Stage 1 Registered Report. *Developmental Science*.

UNDER-REVIEW PUBLICATIONS

1. Maker Castro, E., Chaku, N., Kwei, M., **Bigelow, J. C.**, Landrum, V. (under review). Illuminating promotive and inhibitory factors on daily critical action among rural adolescents using a novel multimethod community mapping protocol. Invited submission for the *Journal of Social Issues*.
2. Chaku, N., Ahmed, S., Maker Castro, E., Benham, S., **Bigelow, J. C.**, Landrum, V., & Smith, L. (under review). From aggregates to networks: New frontiers in observational data analysis. *Advances in Methods and Practices in Psychological Science*.
3. Chaku, N., George, Z., **Bigelow, J. C.**, & Drazan, T. M. (under review). Puberty status is associated with learning under uncertainty in adolescence. *Scientific Reports*. Preregistered.

IN-PREP PUBLICATIONS

1. **Bigelow, J. C.**, Chaku, N., Glatley, B., Ahmed, S. The persistent power of peers: a meta-analysis of peer influence post-COVID. Invited submission for the special issue “Half-Decade in Review” in the *Journal of Research on Adolescence*.
2. **Bigelow, J. C.**, Chaku, N. Aggression during the middle school transition: Social goals and egocentric network features as predictors of individual differences. Preregistered.
3. Maker Castro, E., Hernandez, L. G., **Bigelow, J. C.**, Meza, J. Sense of belonging, experiences of discrimination, and civic engagement: mental health outcomes among community college students.
4. **Bigelow, J. C.**, Chaku, N., Ahmed, S., Waters, N., Vandell, D. Thriving Adolescents to Thriving Adults: Developmental Pathways Across the High School Transition and Adult Outcomes.
5. **Bigelow, J. C.**, Chaku, N., Bates, J. Dynamic Psychosocial Networks Across Childhood: Variation by Popularity Status and Links to Adolescent Adjustment.

COMMENTARIES

1. Denler, R., O’Connell, D., **Bigelow, J. C.** (2025). American Psychological Association Graduate Student Committee [APAGS] Comments for the Proposed Revisions on APA Implementing Regulation (IR) D.4.-8(a). Provided feedback on the proposed regulation revisions. APA’s Office of Program Consultation and Accreditation (CoA).
2. **Bigelow, J. C.**, Anyanso, V., Bagasrawala, L. (2025). American Psychological Association Graduate Student Committee [APAGS] Comments for the Proposed Revisions on APA Group Psychology and Group Psychotherapy Petition for Renewal of Recognition. Provided substantive, evidence-informed review and feedback on the proposed renewal. APA’s Commission for the Recognition of Specialties and Subsidiaries in Professional Psychology (CRSSPP).
3. **Bigelow, J. C.** (2025). American Psychological Association Graduate Student Committee [APAGS] Comments for the Proposed Revisions on APA Disability Inclusion: Combating the Stigma and Discrimination of Ableism. Provided comprehensive critiques on the proposed policy draft. APA’s Board for the Advancement of Psychology in the Public Interest (BAPPI).
4. Bagasrawala, L., **Bigelow, J. C.** (2025). American Psychological Association Graduate Student Committee [APAGS] APA’s Model Act for State Licensure of Psychology Professionals (MLA). Provided feedback on the proposed policy draft. American Psychological Association (APA).

CONFERENCE PRESENTATIONS

1. **Bigelow, J. C.**, Chaku, N., Bates, J. E. (2026, May). Dynamic network modeling of positive and negative social attributes across childhood and adolescence. Poster accepted to *Association for Psychological Science*, Barcelona, Spain.
2. **Bigelow, J. C.**, Chaku, N. (2026, May). Contextualizing aggression during the middle school transition: the role of agentic social goals within friendship networks. Submitted presentation in **J. Bigelow** (Chair), Peers, Places, and Pathways: Psychosocial Development in Friendship and School

- Contexts. Submitted to *Association for Psychological Science*, Barcelona, Spain.
3. **Bigelow, J. C.**, Chaku, N. (2026, May). Contextualizing aggression during the middle school transition: the role of agentic social goals within friendship networks. Oral presentation submitted to *Association for Psychological Science*, Barcelona, Spain.
 4. **Bigelow, J. C.**, Chaku, N., Bates, J. E. (2026, April). Dynamic network modeling of positive and negative social attributes across childhood and adolescence. Poster accepted at *Society of Research on Adolescents* biennial conference, Toronto, ON.
 5. Chaku, N., **Bigelow, J. C.**, Welch, A., Maker Castro, E. (2026, April). The promise of critical action to buffer sociopolitical stress in rural communities during the 2024 U.S. Presidential election. In E. Burson (Chair), *Critical consciousness and thriving in stressful political contexts: Leveraging daily diary insights*. Accepted at Society for Research on Adolescence, Toronto, ON.
 6. Maker Castro, E., **Bigelow, J. C.**, Kwei, M., Landrum, V., Welch, A., & Chaku, N. (2025, September). Examining adolescent health and wellbeing using a novel multimethod and longitudinal community mapping protocol: The promise for youth-driven data to address health inequities. Poster accepted at *Interdisciplinary Association for Population Health Sciences*, Pittsburgh, PA.
 7. **Bigelow, J. C.**, Chaku, N. (2025, April). Aggression during the middle school transition: Social goals and friendship network features as predictors of individual differences. Poster presented at *Society for Research on Child Development*, Minneapolis, MN. (**Invited for Graduate Student Peer Relations Pre-Conference**).
 8. Kelly, D. P., **Bigelow, J. C.**, & Chaku, N. (2025, May). Mapping the multiverse of pubertal timing measurement: How operationalizations impact our inferences about depressive symptoms. In Chaku, N. (Chair), *The science of puberty grows up: New directions in theory, design, and measurement*. Presented at *Society for Research on Child Development*, Minneapolis, MN.
 9. Chaku, N., **Bigelow, J. C.**, Waters, N., Ahmed, S., Hoyt, L. T. (2025, May). Continuity and change in executive functioning: Associations with puberty and academic outcomes. In J. Finch (Chair), *Beyond Small Convenience Samples: Large-Scale Secondary Data Analyses Can Advance Knowledge of Executive Function Development*. Presented at *Society for Research on Child Development*, Minneapolis, MN.
 10. **Bigelow, J. C.**, Chaku, N. (2025, May). Appearance-related victimization and pubertal asynchrony: Identifying sex-specific vulnerabilities. Oral presentation presented at *Midwestern Psychological Association*, Chicago, IL.
 11. Kwei, M., **Bigelow, J. C.**, Chaku, N., & Maker Castro, E. (2025, May). Piloting community mapping as a participatory research tool to study youths' sociopolitical development and wellbeing. Poster presented at *Society for Research on Child Development*, Minneapolis, MN.
 12. **Bigelow, J. C.**, Chaku, N. (2025, February). Aggression during the middle school transition: Social goals and friendship network features as predictors of individual differences. Poster presented at *Society of Personality and Social Psychology*, Denver, CO.
 13. Kelly, D. P., **Bigelow, J. C.**, & Chaku, N. (2024, June). Considering a multiverse of pubertal timing effects: Do different operationalizations produce different results? Paper presented at *International Society for the Study of Behavioral Development* biennial conference, Lisbon, Portugal.

14. **Bigelow, J.C.,** Modi, H.M., & Rudolph, K.D. (2024, April). Peer victimization predicts social perceptions in adolescence: Considering the role of need for approval. Poster accepted at Society of Research on Adolescents biennial conference, Chicago, IL. **Selected for Early Career Peer Relations Society of Research on Adolescents Pre-Conference.**
15. **Bigelow, J.C.,** Modi, H.M., & Rudolph, K.D. (2023, May). The role of need for approval in predicting social perceptions following victimization. Poster presented at the Undergraduate Research Symposium, University of Illinois Urbana-Champaign, IL.

RESEARCH EXPERIENCE

2023 – 2028 **Doctoral Candidate**, Interact Lab, Indiana University Bloomington

Principal Investigator: Natasha Chaku, PhD

Half-Decade Systematic Review of Peer Influence Effects

- Conceptualized a meta-analytic review assessing peer influence studies published between 2020-2025; invited for a special issue submission in the *Journal for Research on Adolescence*
- Developed a Prospero Protocol outlining the project's rationale, study eligibility criteria, and the data search and screening process
- Trained research assistants in abstract screening via inclusion and exclusion criteria

Behavior, Understanding, and Relationships in Middle School Transition (BURST) Study

- Designed and executed an intensive longitudinal study examining links between social goals, egocentric network properties, and peer aggression during transition from elementary school to middle school
- Led participant recruitment from local schools; trained research assistants; collected multi-method data (daily diaries, saliva, hair samples)

Puberty Multiverse Project (Registered Report)

- Led data management and analysis across 19 large-scale public datasets examining how pubertal measurement approaches affect developmental inferences
- Identified eligible datasets; securely downloaded, cleaned, and harmonized data across studies using Stata and SAS

ADAPT Study

- Selected behavioral and cognitive measures for Qualtrics survey administration
- Analyzed data from ~500 adolescents using moderated regression and latent profile

analysis

- Pre-registered analyses and published findings in *Journal of Youth and Adolescence*

Rural Youth's Sociopolitical Experiences and Well-Being (RYSEWell) study

- Developed semi-structured interview protocols and trained research assistants
- Conducted interviews with rural adolescents (ages 14–18) examining sociopolitical development and well-being

2021– 2023 **Research Assistant**, Family Studies Lab, University of Illinois Urbana–Champaign
Principal Investigator: Karen Rudolph, PhD

Social Health and Relationship Experiences (SHARE) Project

- Conducted an Independent Honors Thesis on need for approval as a moderator of peer victimization effects
- Performed moderated regression analyses; wrote manuscript; presented findings via poster and oral presentation

Study of Teen Emotion Processing (STEP) Project

- Administered and analyzed the Trier Social Stress Test (TSST)
- Coded Youth Life Stress Interviews (YLSI) assessing chronic family and peer adversity with a team

INVITED TALKS

2025 “The Bad, the Good, and the Balance in Adolescent Social Development.” Invited talk, Developmental Psychology, Bates College, Lewiston, ME.

TEACHING EXPERIENCE

2024 “Social Cognitive Development.” Guest lecture, Developmental Psychology (PSY-P315), Indiana University, Bloomington, IN.

2024 “Peers: Popularity and Status.” Guest lecture, Psychology of Adolescence (PSY-P457), Indiana University, Bloomington, IN.

2025 “Aggression.” Guest lecture, Social Psychology (PSY-P304), Indiana University, Bloomington, IN.

2025 “Adolescent Peer Aggression: Research Outline.” Guest lecture, Social Psychology (PSY-P304), Indiana University, Bloomington, IN.

2025 “Coping, Resilience, and Social Support.” Guest lecture, Health Psychology (PSY-P303), Indiana University, Bloomington, IN.

PROFESSIONAL SERVICE

- 2025 – 2026 Elected American Psychological Association Graduate Students (APAGS) Committee Member-At-Large
- 2024 – 2026 Developmental Area Representative for the Psychological and Brain Sciences Graduate Student Council, Indiana University, Bloomington, IN.
- 2025 Reviewer for the APAGS Student Diversity Initiative Award, American Psychological Association Graduate Student Science Committee
- 2025 Reviewer for the Junior Scientist Fellowship, American Psychological Association Graduate Student Science Committee
- 2025 Ad-Hoc Reviewer, *Translational Issues in Psychological Science*
- 2025 Panelist, “Getting Picky [about graduate school applications],” Clinical Psychology Club, Indiana University, Bloomington, IN.
- 2025 Reviewer for the Outstanding Research Award, Society for Personality and Social Psychology
- 2025 Symposium Moderator, "Health Concerns," Hutton Honors Undergraduate Research Symposium, Indiana University, Bloomington, IN.
- 2024 Symposium Moderator, "Problems in Science #2," Hutton Honors Undergraduate Research Symposium, Indiana University, Bloomington, IN.

MENTORSHIP

- 2024 Daniel Njoroge: Groups Scholars STEM Summer Research Experience Program for Underrepresented and First-Generation Students

COMMUNITY SERVICE

- 2024 – 2026 Girls Inc. Science Fest, Indiana University Bloomington
- 2024 – 2025 Annual Indiana University Science Fest, Indiana University Bloomington
- 2024 – 2025 Grandview Elementary School Science Fest, Indiana University Bloomington
- 2023 Girls Inc. Brain Night, Indiana University Bloomington
- 2023 Beckman Community Open House, University of Illinois Urbana-Champaign

PROFESSIONAL MEMBERSHIPS

- 2025 – Present IAPHS, Interdisciplinary Association for Population Health Science

2025 – Present SRCD, Society for Research on Child Development
 2025 – Present APS, the Association for Psychological Science
 2024 – Present SPSP, Society of Social and Personality Psychology
 2024 – Present SRA, Society for Research on Adolescence
 2024 – Present APA, the American Psychological Association
 2021 – Present PSI CHI, the International Honor Society in Psychology

TRAINING

CITI Social/Behavioral Researchers Program Course
APA Introduction to Network Modeling Science Training Sessions
APA Social Network Analysis Workshop
R-Girls Multiple Regression and Multilevel Modeling Workshop
APA Introduction to Meta-Analysis Science Training Sessions
Indiana University GradGrants Center Art of Proposal Writing Workshop
Udemy Writing Papers in Psychology and Neuroscience: AI Assisted

SKILLS

Quantitative Egocentric Network Data Collection, Bayesian Latent Growth Curve Modeling, Cross Lagged Panel Modeling, Latent Profile Analysis, Latent Transition Analysis, Regression, uSEM Network Analysis, Panel Graphical Vector Autoregressive Modeling, Gaussian Graphical Modeling
Qualitative Interview protocol construction and implementation, Thematic coding and analysis
Software R, Mplus, Stata, SAS