

MATTHEW G. BARSTEAD**Curriculum Vitae**

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3304 Benjamin Building

Department of Human Development & Quantitative Methodology

College Park, MD 20742

EDUCATION

- Ph.D. HUMAN DEVELOPMENT & QUANTITATIVE METHODOLOGY, expected 2018
 University of Maryland, College Park, MD
 Specializations: Developmental Science
 Measurement, Statistics, & Evaluation (Certificate)
 Neuroscience and Cognitive Science (Certificate)
 Advisor: Kenneth H. Rubin, Ph.D.
- M.S. EXPERIMENTAL PSYCHOLOGY
 Saint Joseph's University, Philadelphia, PA
 Thesis Advisor: Josephine H. Shih, Ph.D.
 Topic: Causal Attributions as Predictors of Reactions to Rejection by a Friend
- B.S. PSYCHOLOGY
 Wilmington University, New Castle, DE
 May 2011, *Magna cum Laude*

HONORS AND AWARDS

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|---|-----------|
| Student Travel Award, \$300
Society for Research in Child Development | 2017 |
| Graduate School Goldhaber Travel Grant, \$400

University of Maryland, College Park, MD | 2014 |
| NICHD Training Fellowship, \$22,395/yr for 3 years
University of Maryland, College Park, MD | 2013-2016 |
| Psychology Department Graduate Student Achievement Award
Saint Joseph's University, Philadelphia, PA | 2013 |
| Alpha Epsilon Lambda, National Honor Society,
Saint Joseph's University, Philadelphia, PA | 2013 |
| Comprehensive Exam Passed with Honors
Saint Joseph's University, Philadelphia, PA | 2012 |
| Teaching Assistant Fellowship, \$9,800
Saint Joseph's University, Philadelphia, PA | 2012-2013 |
| Dean's List
Wilmington University, New Castle, DE | 2009-2011 |
| Designated "Rising Star"
YMCA of Delaware | 2009 |

PUBLISHED & "IN-PRESS" PEER-REVIEWED ARTICLES

- Barstead, M. G.**, Danko, C. M., O'Brien, K. A., Coplan, R. J., Chronis-Tuscano, A., & Rubin, K. H. (2018). Generalization of an early intervention for inhibited preschoolers to the classroom setting. *Journal of Child and Family Studies*. Manuscript accepted for publication.
- Shih, J., **Barstead, M. G.**, & Dianno, N. (2017). Interpersonal predictors of stress generation: Is there a super factor? *British Journal of Psychology*. Advance online publication. doi: 10.1111/bjop.12278
- Barstead, M. G.**, Smith, K. A., Laursen, B., Booth-LaForce, C., King, S., & Rubin, K. H. (2017). Shyness, Preference for Solitude, and Adolescent Internalizing: The role of positive parent and best friend relationships. *Journal of Research on Adolescence*. Advance online publication. doi: 10.1111/jora.12350
- Shackman, A. J., Weinstein, J. S., Hudja, S. N., Bloomer, C. D., **Barstead, M. G.**, Fox, A. S., & Lemay, E. P. (2017). Dispositional negativity in the wild: Social environment governs momentary emotional experience. *Emotion*. Advance online publication. doi: 10.1037/emo0000339
- Smith, K. A., **Barstead, M. G.**, & Rubin, K. H. (2017). Neuroticism and conscientiousness as moderators of the relation between social withdrawal and internalizing problems in adolescence. *Journal of Youth and Adolescence*, 46, 772-786. doi: 10.1007/s10964-016-0594-z
- Rubin, K. H., & **Barstead, M. G.** (2014). Gender differences in child and adolescent social withdrawal: A commentary. *Sex Roles*, 70, 274-284. doi: 10.1007/s11199-014-0357-9
- Barstead, M. G.**, Bouchard, L. C., & Shih, J. S. (2013). Understanding gender differences in co-rumination and confidant choice in young adults. *Journal of Social and Clinical Psychology*, 32, 791-808. doi: 10.1521/jscp.2013.32.7.791
- Barstead, M.** (2013). Parents' Perspectives on Resident Camp Experiences: Dimensions that Predict Retention, Word-of Mouth Marketing, and Satisfaction. *Camping Magazine*, 86, 8-13.

PUBLISHED & "IN-PRESS" CHAPTERS

- Rubin, K.H., **Barstead, M.G.**, Smith, K.A., & Bowker, J.C. (in press). Peer relations and the behaviorally inhibited child. In K. Perez-Edgar & N.A. Fox (Eds), *Behavioral Inhibition during Childhood and Adolescence*. Springer.
- Rubin, K. H., Coplan, R. J., Bowker, J. C., & **Barstead, M. G.** (in press). Avoiding and withdrawing from the peer group. In W. M. Bukowski, B. Laursen, & K. H. Rubin (Eds.), *Handbook of Peer Interactions, Relationships, and Groups* (2nd ed.) (pp. 322-346). New York: Guilford.
- K. H. Rubin, & **Barstead, M. G.** (2018). Social withdrawal solitude. In M. Bornstein, Arterberry, M.E., Fingerman, K.L., & Lansford, J.E. (Eds). *The SAGE Encyclopedia of Lifespan Human Development*. (pp. 2101-2103). Thousand Oaks, CA: Sage. doi: 10.4135/9781506307633.n780
- Rubin, K.H., **Barstead, M. G.**, & Smith, K.A. (2016). Shyness in young children. In D. Couchenour (Ed.). *The SAGE Encyclopedia of Contemporary Early Childhood Education*. (pp. 1221-1225). Thousand Oaks, CA: Sage. doi: 10.4135/9781483340333.n364
- Rubin, K. H., Wimsatt, M. A., Heverly-Fitt, S. & **Barstead, M. G.** (2015). Friendship during infancy and early childhood and cultural variations. In J. D. Wright (Ed.) *International Encyclopedia of Social and Behavioral Sciences: Vol 2* (2nd ed., pp. 448-453). Oxford: Elsevier.

SOFTWARE

- Barstead, M. G.** (2018). IBI VizEdit v.1.2-beta: An RShiny application for editing heart rate data [Computer software]. University of Maryland. doi: 10.5281/zenodo.1209474

MANUSCRIPTS UNDER REVIEW

- Zhao, D., **Barstead, M. G.**, Zhang, F., Zhou, A., & Rubin, K. H. (2018). The characteristics of Chinese shy/withdrawn children's friendships: Quantity and quality. Manuscript submitted for publication, re-submission invited.
- Waller, R., Wagner, N. J., **Barstead, M. G.**, Subar, A., Kidwell, K. M., Hyde, J. S., & Hyde, L. W. (2018). Opposite sides of the same coin? A meta-analysis of the associations between callous-unemotional traits and empathy, guilt, and prosociality. Manuscript submitted for publication.

CONFERENCE PRESENTATIONS

- Chronis-Tuscano, A., Danko, C.M., Novick, D.R., Wagner, N.J., **Barstead, M.G.**, Wang, C.H., Smith, K.A., Badders, R., O'Brien, K., Dougherty, L.R., Coplan, R., & Rubin, K.H. (2018, June). The Turtle Program: PCIT for Young Children Displaying Behavioral Inhibition. In S. Kurtz (Chair), PCIT Adaptations for Behaviorally Inhibited and Anxious Youth. Symposium conducted at the Inaugural Parent Child Interaction Therapy World Congress. Schweinfurt, Germany.
- Smith, K. A., **Barstead, M. G.**, & Rubin, K. H. (2017, April). Social and emotional correlates of introversion trajectories across adolescence. Poster to be presented at the 17th Society for Research on Adolescence Biennial Meeting, Minneapolis, MN.
- Anderson, A. S., **Barstead, M. G.**, DeYoung, K. A., & Shackman, A. J. (2017, November). Ecological Momentary Assessment Provides New Insights into the Interaction of Neuroticism and Daily Events. Poster presented at the 2017 Annual Convention of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
- Chronis-Tuscano, A., Danko, C. M., Wagner, N. J., **Barstead, M. G.**, Novick, D. R., Smith, K. A., Teetsel, R. N., Dougherty, L. R., O'Brien, K. A., & Rubin, K. H. (2017, November). Multi-Modal Early Intervention Program for Behaviorally Inhibited Preschoolers. In D. Sloan (Chair), *New advances in Group CBT: Expanding the reach and context of interventions*. Symposium conducted at the annual conference of the Association for Behavioral and Cognitive Therapies, San Diego, CA.
- Danko, C. M., **Barstead, M. G.**, Wagner, N. J., Wang, C. W., Novick, D. R., Badders, R. N., Smith, K. A., Dougherty, L. R., Rubin, K. H., & Chronis-Tuscano, A. (2017, September). *The effects of family accommodation on intervention outcomes for behaviorally inhibited young children*. Poster accepted to present at the 2017 Biennial PCIT International Convention, Traverse City, MI.
- Barstead, M. G.**, Danko, C. M., Wagner, N. J., Novick, D. R., Teetsel, R. N., Smith, K. A., Wang, C. W., Dougherty, L. R., Rubin, K. H., & Chronis-Tuscano, A. (2017, June). Response to early intervention for behavioral inhibition is moderated by parental anxiety. In C. Danko and N. Wagner (Co-chairs), *Innovative interventions for young behaviorally inhibited children*. Symposium presented at the meeting of the International Society for Research on Child and Adolescent Psychopathology, Amsterdam, Netherlands.
- Hamburger, S., **Barstead, M. G.**, Smith, K., Wagner, N., Danko, C., Chronis-Tuscano, A., & Rubin, K. H. (2017, May). *Influence of baseline physiology of behaviorally inhibited preschool children involved in early intervention*. Poster presented at the 29th Association for Psychological Science Annual Convention. Boston, MA.
- Barstead, M. G.**, Novick, D. R., & Rubin, K. H. (2017, April). Transactions between social withdrawal and peer rejection at the transition from elementary to middle school, and boys pay more. In H. Gazelle (Chair), *Socially withdrawn youth adapt to school transitions: Focus on early adolescence and emerging adulthood*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Barstead, M. G.**, Danko, C. M., Chronis-Tuscano, A., & Rubin, K. H. (2017, April). Coming out of their shells: A multicomponent treatment for inhibited and shy preschoolers generalizes to a classroom setting. In K. Rubin (Chair), *Three novel approaches to intervening in the lives of anxious young children*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Metin, O. A., Smith, K. A., **Barstead, M. G.**, Hastings, P. D., & Rubin, K. H. (2017, April). Family context moderates the relations between maternal neuroticism and parenting behavior. Poster presented at the Society for Research in Child Development Biennial Meeting, Austin, TX.
- Barstead, M. G.**, Hamburger, S., Novick, D., & Rubin, K. H. (2016, March). *Internal motivations for withdrawal carry greater social costs for girls compared with boys during the transition to middle school*. Poster presented at the 16th Society for Research on Adolescence Biennial Meeting, Baltimore, MD.
- Zhao, D., **Barstead, M. G.**, Rubin, K. H., & Zongkui, Z. (2016, March). Trajectories of Chinese children's sensitive/anxious withdrawal in early adolescence. In K. H. Rubin (Chair) *Behavioral inhibition and social withdrawal: Peer interactions and relationships during early adolescence*. Symposium conducted at the 16th Society for Research on Adolescence Biennial Meeting, Baltimore, MD.
- Smith, K. A., **Barstead, M. G.**, & Rubin, K. H. (2016, March). Personality traits as moderators of the relation between social withdrawal and internalizing problems. In J. C. Bowker (Chair), *New directions in*

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understanding the internalizing risks associated with adolescent social withdrawal. Symposium conducted at the 16th Society for Research on Adolescence Biennial Meeting, Baltimore, MD.

- Wang, C. H., Woods, K. W., **Barstead, M. G.**, Mazursky-Horowitz, H., Zoromski, A., LeMoine, K. A., & Chronis-Tuscano, A. (2015, November). *Parent ADHD symptoms predict overall and rate of change in observed child behavior within the Summer Treatment Program: A hierarchical linear modeling approach.* Poster presented at the 49th annual meeting of the Association of Behavioral and Cognitive Therapies, Chicago, IL.
- Woods, K. E., Wang, C. H., **Barstead, M. G.**, Mazursky-Horowitz, H., Zoromski, A., & Chronis-Tuscano, A. (2015, November). *Child emotional lability and negativity predict behavior change at the Summer Treatment Program.* Poster presented at the 49th annual meeting of the Association for Behavioral and Cognitive Therapies, Chicago, IL.
- Barstead, M. G.**, Motoca, L., & Rubin, K. H. (2015, April). *Peer experiences linking shyness and preference for solitude to self-perceptions of social competence and self-esteem in late childhood.* Paper presented at the 2015 University of Maryland Graduate Research Interaction Day, College Park, MD.
- Barstead, M. G.**, King, S., & Rubin, K. H. (2015, April). *Parent-adolescent relationship quality moderates the association between preference for solitude and internalizing problems.* Poster presented at the 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- Barstead, M. G.**, Shih, J. H., & Bouchard, L. C. (2014, March). *Co-rumination and confidant choice during the transition to young adulthood.* Paper presented at the 15th Society for Research on Adolescence Biennial Meeting, Austin, Texas.
- Shih, J. H., **Barstead, M. G.**, & Dianno, N. M. (2013, November). *Examination of the contributions of interpersonal predictors in stress generation.* Paper presented at the annual national convention of the Association of Behavioral and Cognitive Therapies, Nashville, Tennessee.
- Barstead, M. G.**, & Shih, J. H. (2013, January). *What have you done for me lately? Current relationship satisfaction moderates the effect of rejection on mood.* Poster presented at the 14th Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA.
- Barstead, M. G.**, & Bouchard, L. C. (2012, April). *Understanding gender differences in co-rumination and confidant choice in a young adult population.* Paper presented at the Annual Geis Student Research on Women Conference 2012, Newark, DE.
- Barstead, M. G.**, Bouchard, L. C., & Shih, J. H. (2012, April). *Understanding co-rumination and confidant choice in a young adult population.* Poster presented at the 23rd Annual Sigma Xi Research Symposium and Psi Chi Induction Ceremony, Philadelphia, PA.

REPORTS, MAGAZINE, & NEWSLETTERS

- Barstead, M.** (2015). Homesickness, anxious withdrawal, and motivations to escape novel experiences: What more can we do to help homesick campers? *Camping Magazine*, 87, 50-55.
- Barstead, M.** (2012). The human need to belong: An evolution in how we think about camps. *Camping Magazine*, 85(4), 40-43.
- Barstead, M.** (2011). The rewards of reinventing the wheel. *Camping Magazine*, 84, 44-47.

RESEARCH EXPERIENCE

- GRADUATE RESEARCH ASSISTANT Aug 2013 – present
University of Maryland, College Park, MD
- Assist with ongoing research in the Laboratory for the Study of Child and Family Relationships (Kenneth H. Rubin, Director).
- EXPERIMENTAL PSYCHOLOGY MASTER'S THESIS Jul 2011 – May 2013
Saint Joseph's University, Philadelphia, PA
- Planned, proposed, and executed a research project examining the role that attribution styles play in determining post-rejection moods and behaviors.

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RESEARCH ASSISTANT – CLINICAL PSYCHOLOGY LAB

Aug 2011 – May 2013

Saint Joseph's University, Philadelphia, PA

- Worked under the guidance of Josephine Shih, Ph.D. performing literature reviews, section write-ups, and data analysis. Projects involved stress generation, co-rumination, emotional reactivity, mood, and depression.
- Conducted independent research project on traditional overnight summer camps. Project examined camp factors that predict youth outcomes, camper retention, word-of-mouth marketing, and overall camp satisfaction.

RESEARCH INTERN – POSITIVE PSYCHOLOGY CENTER

Jun 2012 – Aug 2012

University of Pennsylvania, Philadelphia, PA

- Worked under the general direct of Angela Duckworth, Ph.D. Specific projects included evolutionary roots of human flirtation and hyena communication. Tasks involved performing literature reviews, research design, and coding of observational data.

MENTORING EXPERIENCE

Samantha Hamburger, B.A. '17

Awarded summer scholarship through the University of Maryland's Summer Scholars Program. The award included a stipend of \$3,000.00 and involved completion of a supervised research study.

Thesis topic: *Influence of baseline physiology of behaviorally inhibited preschool children involved in early intervention*

Shakeena King, B.A. '15

Thesis Topic: *The associations between motivations for withdrawal and self-esteem are mediated by peer difficulties*

Patricia Leveroni, B.A. '15

Review Topic: *The relationship between overprotective parenting and child anxiety*

Shayna Berkowitz, B.A. '14

Review Topic: *An exploration of the association between aggression in childhood and social competence*

LEADERSHIP AND PROFESSIONAL EXPERIENCE

PRIVATE TUTOR, College Park, MD

2011 – present

WyzAnt Tutoring, Teaching, & Coaching

- Provide academic support for students in a variety of areas, specializing primarily in statistics and research methods for the social sciences.

GRADUATE STUDENT COORDINATOR, College Park, MD

Aug 2015 – May 2016

Center for Children, Relationships, & Culture, University of Maryland

- Coordinated and planned a weekly seminar series involving locally-, nationally-, and internationally-based developmental scientists during the course of one academic year.

GRADUATE TEACHING ASSISTANT, Philadelphia, PA

Aug 2012 – May 2013

Saint Joseph's University

- TA for graduate Research Methods and Statistics and for undergraduate Introduction to Psychology – included some lecturing. Administered the human research subjects pool – coordinated research with both participants and principal investigators. Kept regular office hours and met with students by appointment.

PSI CHI PRESIDENT – SJU CHAPTER, Philadelphia, PA
Saint Joseph's University

Aug 2012 – May 2013

- Managed a group of leaders in organizing Psi Chi events, recruiting members, and providing informative sessions for student members and the psychology department as a whole.
- Organized a regional Psi Chi conference for the presentation of graduate and undergraduate student research. Six universities participated, with over 40 poster presentations followed by a keynote address.

COMPLAINT RESOLUTION CHAIR, Philadelphia, PA
American Camp Association (ACA), Keystone Region Section

2011 – 2013

- Handled all complaints regarding member camps according to the procedures outlined by the ACA. Required effective document handling, communication skills, and maintenance of confidentiality.

CAMP PROGRAM DIRECTOR, Worton, MD
YMCA Camp Tockwogh, A Branch of the YMCA of Delaware

2007 – 2011

- Oversaw budget of \$500,000 and inventory of approximately \$1 million. Hired, trained and supervised in excess of 120 staff each summer. Met safety expectations and industry standards for large waterfront program.

ORGANIZATIONAL AFFILIATIONS

Student Member, Society for Research in Child Development, 2014 – current
Lifetime Member, Alpha Epsilon Lambda, National Honor Society, 2013
Lifetime Member, Psi Chi, International Honors Society of Psychology, 2012
Student Member, Society for Personality and Social Psychology, 2011
Student Affiliate Member, American Psychological Association, 2011
Student Member, American Camp Association, 2011

WORKSHOP PARTICIPATION

Introduction to Finite Mixture Modeling (Dr. Jeffrey Harring, University of Maryland)
April 25-27, 2018

Bayesian Methods for Social Policy Research and Evaluation (Office of Planning, Research, and Evaluation)
October 19-20, 2017

Introduction to Bayesian Modeling (Dr. Roy Levy, Arizona State University)
June 7-9, 2017

Roots of Compassion (Developmental Science Field Committee, University of Maryland)
March 4, 2016

QUANTITATIVE SKILLS

Software/Statistical Programming: SPSS (Expert), R (Expert), Stan (Intermediate), LISREL (Intermediate), HLM (Expert), Mplus (Intermediate), AMOS (Intermediate), Stan (Intermediate), Python (Beginner), JAGS (Beginner)

Statistical Models: general linear models, generalized linear models, univariate models for categorical and ordinal data, bootstrapped mediation and moderation for general and generalized linear models, linear mixed effects models, generalized estimating equations, hierarchical linear models (both general and generalized), exploratory factor analytic models, confirmatory factor analytic models, measured variable path models, latent variable path models, latent means models, multi-group structural equation models, latent growth curve models, latent profile models, growth mixture models, Bayesian regression, random forest, and simple neural networks.

GRADUATE COURSEWORK**SAINT JOSEPH'S UNIVERSITY**

Course #	Course Title	Grade
PSY551	Advanced Research Methods & Statistics I	A
PSY552	Advanced Research Methods & Statistics II	A
PSY654	Developmental Psychology	A
PSY617	Memory Organization & Retrieval	A
PSY618	Comparative Psychology	A
PSY653	Behavioral Medicine	A
PSY620	Hormones, Brain, & Behavior	A
PSY658	Phenomenon of the Self	A

UNIVERSITY OF MARYLAND

Course #	Course Title	Grade
EDHD690	History & Systems in Human Development	A
EDHD720	Social Development	A
EDMS651	Applied Multiple Regression Analysis	A
EDHD711	Peer, Culture, & Group Processes	A
EDHD721	Cognitive Development	A
EDMS771	Multivariate Data Analysis	A
SURV699K	Multilevel Analysis of Survey Data	A
EDMS623	Applied Measurement: Issues & Practices	A
EDMS657	Factor Analysis	A
EDHD775	Human Developmental Neuroscience	A-
EDMS722	Structural Equation Modeling	A
EDHD780	Research Methods in Human Development	A
EDHD840	Language & Literacy Development	A
NACS641	Introduction to Neuroscience	A
NACS642	Cognitive Neuroscience	A
EDMS769L	Longitudinal Data Analysis	Audit
PSYC798D	Human Neuroanatomy	A+
PSYC612	Graduate Seminar in Temperament and Personality	A