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| RESEARCH INTERESTS | Clinical child neuropsychology, self-regulation, behavioral adjustment, school readiness, internalizing and externalizing behavior problems |
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Indiana University, Bloomington, IN 2009–present

Ph.D. Candidate, **Psychology** (expected: May 2016)

- Advisor: **John Bates, Ph.D.**
- Major: **Clinical Science**
- Minor: **Cognitive Neuroscience**

University of Texas, Austin, TX 2005–2008  
 B.A., **Psychology**, **French**, December 2008

- With High Honors, Honors in Psychology, Honors in French
- Psychology Honors Thesis: *Children's Syntactic Processing of Language*
- French Honors Thesis: *Acceptability of French Borrowings in English*
- Minor: **Sociology** (criminology track)

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|-------------------------|--|--------------------------------------|
| GRANTS                  | <p>National Research Service Award—Institutional Training Grant<br/> Funding Agency: NICHD/NIH<br/> Role: Pre-doctoral trainee (PI: Linda Smith, Ph.D.)<br/> Grant Title: Training Program in Integrative Developmental Process (HD007475-17)</p> <p>Clinical and Translational Sciences Award<br/> Funding Agency: NIH/NCATS<br/> Role: Pre-doctoral trainee (PI: Anantha Shekhar, M.D., Ph.D.)<br/> Grant Title: Indiana Clinical and Translational Sciences Institute TL1 Program (TL1 TR000162)</p>  | <p>2011–2012</p> <p>2012–present</p> |
| PUBLICATIONS            | <p><b>Petersen, I.T.</b>, Bates, J.E., &amp; Staples, A.D. (submitted). Self-regulation mediates the effect of young children's language ability on later behavior problems. <i>Development and Psychopathology</i>.</p> <p>Staples, A.D., Bates, J.E., &amp; <b>Petersen, I.T.</b> (submitted). Bedtime routines in toddlerhood: Prevalence, consistency, and associations with nighttime sleep. <i>Monographs of the Society for Research in Child Development</i>.</p> <p>Bates, J. E., Schermerhorn, A. C., &amp; <b>Petersen, I. T.</b> (in press). Temperament concepts in developmental psychopathology. In K. Rudolph &amp; M. Lewis (Eds.), <i>Handbook of Developmental Psychopathology</i>.</p> <p><b>Petersen, I.T.</b>, Bates, J.E., D'Onofrio, B.M., Coyne, C.A., Lansford, J.E., Dodge, K.A., Pettit, G.S., &amp; Van Hulle, C.A. (in press). Language ability predicts the development of behavior problems in children. <i>Journal of Abnormal Psychology</i>.</p> <p><b>Petersen, I.T.</b>, Bates, J.E., Goodnight, J.A., Dodge, K.A., Lansford, J.E., Pettit, G.S., Latendresse, S.J., &amp; Dick, D.M. (2012). Interaction between serotonin transporter polymorphism (<i>5-HTTLPR</i>) and stressful life events in adolescents' trajectories of anxious/depressed symptoms. <i>Developmental Psychology</i>, 48, 1463–1475. doi: 10.1037/a0027471</p> <p>Bates, J.E., Schermerhorn, A.C., &amp; <b>Petersen, I.T.</b> (2012). Temperament and family processes. In M. Zentner &amp; R. Shiner (Eds.), <i>Handbook of Temperament</i> (pp. 425–441). New York: The Guilford Press.</p> <p><b>Petersen, I.T.</b>, Bates, J.E., Kelsey, K.M., Hudac, C.M., Kota, S., Cortes C., Molfese, D.L. &amp; Staples, A.D. (2013). N2 ERP latencies associated with self-regulation in toddlers. Poster presented at the meeting of the Association for Psychological Science, Washington, DC.</p> <p><b>Petersen, I.T.</b>, Bates, J.E., Dodge, K.A., Lansford, J.E., &amp; Pettit, G.S. (2013). Describing and predicting developmental profiles of externalizing problems from childhood to adulthood. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.</p> <p><b>Petersen, I.T.</b>, Bates, J.E., Kelsey, K.M., Hudac, C.M., Kota, S., Cortes C., Molfese, D.L. &amp; Staples, A.D. (2013). Longer P3 latencies associated with externalizing behavior problems in young children. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.</p> <p>Marks, B.T., <b>Petersen, I.T.</b>, &amp; Bates, J.E. (2013). Prenatal testosterone exposure (2D:4D ratio) predicts aggression in young children. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.</p> <p>Staples, A.D., Bates, J.E., &amp; <b>Petersen, I.T.</b> (2013). Effects of adherence to a bedtime routine on toddlers' sleep schedule and nightly sleep. Symposium: Emerging longitudinal research linking family processes and children's sleep. Symposium presented at the biennial meeting of the Society for Research in Child Development, Seattle, WA.</p> <p><b>Petersen, I.T.</b>, Bates, J.E., Staples, A.D., Chien, R., &amp; Hanrahan, M. (2011). Language ability predicts development of self-regulation among toddlers. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.</p> |                                      |
| CONFERENCE PUBLICATIONS |  |                                      |

**Petersen, I.T.**, Bates, J.E., & Staples, A.D. (2011). Interaction between parent autonomy support and child sleep in toddlers' aggression. Poster presented at the biennial meeting of the Society for Research in Child Development, Montreal, Canada.

**Petersen, I.T.** & Echols, C.E. (2005). Maturational constraints on second language acquisition. Poster presented at the Honors Psychology Poster Session, University of Texas, Austin, TX.

INVITED TALKS Bates, J.E., & **Petersen, I.T.** (2013). Developmental models of self-regulation and adjustment. Project presented at Indiana University School of Medicine, Dept. of Otolaryngology, DeVault Otologic Research Lab.

PRESENTATIONS **Petersen, I.T.**, Bates, J.E., Kelsey, K.M., Hudac, C.M., Kota, S., Cortesa C., Molfese, D.L. & Staples, A.D. (2013). Neurophysiological mechanisms of the development of externalizing behavior problems. Project presented at Purdue University, Indiana Clinical and Translational Sciences Institute.

**Petersen, I.T.**, Bates, J.E., Coyne, C.A., D'Onofrio, B.M., Lansford, J.E., Dodge, K.A., Pettit, G.S., & Van Hulle, C.A. (2012). The role of language ability in the development of attentional and behavioral regulation. Project presented at Indiana University Dept. of Psychological and Brain Sciences Clinical Colloquium.

**Petersen, I.T.**, Bates, J.E., Coyne, C.A., D'Onofrio, B.M., Lansford, J.E., Dodge, K.A., Pettit, G.S., & Van Hulle, C.A. (2012). Language ability predicts the development of attention problems in children. Project presented at Indiana University Dept. of Psychological and Brain Sciences Developmental Seminar.

**Petersen, I.T.**, Bates, J.E., Goodnight, J.A., Dodge, K.A., Lansford, J.E., Pettit, G.S., Latendresse, S.J., & Dick, D.M. (2011). Serotonin transporter gene polymorphism moderates the effect of stressful life events on trajectories of anxious/depressed symptoms. Project presented at Indiana University Dept. of Psychological and Brain Sciences Developmental Seminar.

**Petersen, I.T.**, Bates, J.E., Staples, A.D., Chien, R., & Hanrahan, M. (2010). Language ability predicts inhibitory and effortful control among toddlers. Project presented at Indiana University Dept. of Psychological and Brain Sciences Developmental Seminar.

#### CLINICAL TRAINING

Child Mood Clinic (Spring 2013–present)

- Provided cognitive behavioral therapy treatment to children with depression, anxiety, and other mood disorders  
*Site:* Riley Hospital for Children (Dept. of Child and Adolescent Psychiatry)—Indianapolis, IN  
*Supervisor:* Ann Lagges, Ph.D.

Evidence-Based Psychosocial Intervention Consultation (Fall 2011–present)

- Consultation with other doctoral students regarding evidence-based approaches to assessment and treatment  
*Site:* Indiana University—Dept. of Psychological and Brain Sciences—Bloomington, IN  
*Supervisor:* Cara Lewis, Ph.D.

Child Neuropsychology Assessment (Summer 2012–Fall 2012)

- Conducted neuropsychology assessments for ADHD and learning disorders to help make treatment recommendations  
*Site:* Riley Hospital for Children (Dept. of Child and Adolescent Psychiatry)—Indianapolis, IN  
*Qualified Psychometric Technician:* WISC-IV, K-BIT-2, WJ-III-Ach, SCWT, CIT, CCPT, CVLT-C, WRAML-2, VMI, TAT, SC, WASI-II  
*Supervisor:* William Kronenberger, Ph.D.

Alternative Alcohol Intervention Program (Fall 2011–present)

- Counseling students with alcohol problems using motivational interviewing  
*Site:* Indiana University—Office of Student Affairs—Bloomington, IN  
*Supervisor:* Walter Keller, Ph.D.

Parent Behavior Training (Fall 2010–present)

- Help parents manage their children’s oppositional and defiant behavior with principles from social-learning perspective  
*Site:* Indiana University—Dept. of Psychological and Brain Sciences—Bloomington, IN  
*Supervisor:* John Bates, Ph.D.

Child-Informed Divorce Mediation (Fall 2009–Spring 2010)

- Bring children’s perspective into divorce mediation as child consultant to help parents keep children’s best interests in mind  
*Site:* Indiana University—Dept. of Psychological and Brain Sciences—Bloomington, IN  
*Supervisor:* Amy Holtzworth-Munroe, Ph.D. and Brian D’Onofrio, Ph.D.

RESEARCH  
EXPERIENCE

**Doctoral Student, Social Development Laboratory** (Fall 2009–present)

Indiana University—Dept. of Psychological and Brain Sciences

*Advisor:* John Bates, Ph.D.

*Experience:* Used longitudinal designs to examine the mechanisms involved in the development of self-regulation, conduct problems, and maladjustment.

**Psychology Honors Project and Thesis** (Spring 2008–Fall 2008)

University of Texas—Dept. of Psychology

*Advisor:* Charles Holahan, Ph.D. and Catharine Echols, Ph.D.

*Thesis:* “The role of maturational constraints in the syntactic processing of language by children and adults: a study of the less-is-more hypothesis with American Sign Language”

*Experience:* Designed and conducted honors project examining how children acquire second languages better than adults.

**French Honors Project and Thesis** (Spring 2008–Fall 2008)

Indiana University—Dept. of French & Italian

*Advisor:* Carl Blyth, Ph.D.

*Thesis:* “Des facteurs linguistiques et sociolinguistiques de l’acceptabilité des emprunts français en anglais” (Linguistic and sociolinguistic factors of acceptability of French borrowings in English)

*Experience:* Designed and conducted honors project examining the characteristics of French words that lead to their usage in English.

**Research Assistant, Children’s Research Laboratory** (Spring 2006–Spring 2007)

University of Texas—Dept. of Psychology

*Advisor:* Catharine Echols, Ph.D.

*Experience:* Conducted longitudinal, cross-cultural study on language acquisition in infants (9, 13, 18 mos.). Studied the effects of priming on elicited sentence structure in 4 year olds.

TEACHING  
EXPERIENCE

**Instructor**

- Methods of Experimental Psychology (Fall 2011)

**Associate Instructor**

- Behavioral Disorders of Child and Adolescence (Fall 2009)
- Abnormal Psychology (Fall 2009, Spring 2010, Fall 2010)
- Clinical Neuroscience (Spring 2010)

**Other**

- Preschool Teacher (Spring 2009–Summer 2009)

- English Teacher at Professional French Business School (Fall 2007)
- After-School Elementary Teacher (Fall 2006–Spring 2007)

EDITORIAL  
EXPERIENCE

Ad hoc reviewer:  
*Developmental Psychology*  
*Emotion*  
*Infant and Child Development*  
*Journal of Adolescent Health*

WORKSHOPS

University of Kansas Summer Institute in Statistics

Structural Equation Modeling: Advanced Longitudinal Modeling (2010)  
• Todd Little, Ph.D.

Indiana University

EEG Workshop on Artifact Detection, Rejection, and Removal (2012)  
• William Hetrick, Ph.D. and Paul Kieffaber, Ph.D.  
Structured Clinical Interview for DSM-IV-TR Axis I Disorders (2012)  
• Cara Lewis, Ph.D.  
The Bayesian Perspective in the Context of Large Scale Assessments (2011)  
• David Kaplan, Ph.D.  
Interpreting Interaction Effects and New Perspectives on Interaction Analysis (2011)  
• James Jaccard, Ph.D.  
Child Inclusive Dispute Resolution (2009)  
• Jennifer McIntosh, Ph.D.

University of Nebraska

ERP Data Collection, Processing, and Analysis with Children (2011)  
• Dennis Molfese, Ph.D.

Center for the Analysis of Pathways from Childhood to Adulthood, University of Michigan

Factorial Invariance in Multiple Group and Longitudinal Models (2011)  
• Todd Little, Ph.D.

PROFESSIONAL  
EXPERIENCE

**Village Church Child and Family Development Center**, Prairie Village, KS

*Preschool Teacher* 2009  
• Taught 4-5 year olds at a preschool, prepared lessons

**IMS Business School**, Nantes, France

*English Teacher* 2007  
• Prepared lessons, taught English classes to native French students in a professional business school

**Community New Start**, Austin, TX

*After-School Teacher* 2006–2007  
• Provided under-privileged elementary school children with an after-school program for tutoring, mentoring, recreational activities, and spiritual awareness

PROFESSIONAL  
ACTIVITIES

Advisory Board, Workshop in Methods, Indiana University

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|------------------------|--|---|
| AFFILIATIONS           | Society for Research in Child Development<br>American Psychological Association<br>Association for Psychological Science<br>The American Association for the Advancement of Science  |   |
| ASSESSMENTS            | Beery-Buktenica Developmental Test of Visual-Motor Integration (VMI)<br>California Verbal Learning Test–Children’s Version (CVLT-C)<br>Conners’ Continuous Performance Test II (CCPT)<br>Counting Stroop Interference Test (CIT)<br>Differential Ability Scales (DAS)<br>Kaufman Brief Intelligence Test-2 (K-BIT-2)<br>Stroop Color and Word Test (SCWT)<br>Tendler Sentence Completion Test (SC)<br>Thematic Apperception Test (TAT)<br>Wechsler Abbreviated Scale of Intelligence-II (WASI-II)<br>Wechsler Intelligence Scale for Children-IV (WISC-IV)<br>Wide Range Assessment of Memory and Learning-2 (WRAML-2)<br>Woodcock-Johnson III Tests of Achievement (WJ-III-Ach)<br>Woodcock-Johnson III Tests of Cognitive Abilities (WJ-III-Cog)   |   |
| TECHNICAL<br>SKILLS    | <p>Neurophysiological Techniques: Electroencephalography (EEG), Event-related potentials (ERPs)</p> <p>Statistical Analysis: Multilevel Modeling/Hierarchical Linear Modeling (MLM/HLM), Structural Equation Modeling (SEM), Moderated Multiple Regression, Principal Components Analysis (PCA), Latent Growth Curve Modeling (LGCM), Longitudinal Mediation Analysis, Cross-Lagged Autoregressive Panel Modeling, Latent Change/Difference Score Modeling (LCS/LDS), Autoregressive Latent Trajectory Modeling (ALT)</p> <p>Statistical Software: R, SPSS, SAS, Mplus, OpenMx, AMOS, MATLAB, ERP PCA Toolkit, Amelia</p> <p>Computer Applications: Net Station, T<sub>E</sub>X (L<sup>A</sup>T<sub>E</sub>X, B<sub>I</sub>B<sub>T</sub>E<sub>X</sub>, Beamer), most common productivity packages for Windows</p> <p>Operating Systems: Microsoft Windows, Apple OS, Linux</p> |   |
| STUDENTS<br>SUPERVISED | Alexandra Brown<br>Alvaro Garibay<br>Andrew Blank<br>Audra Kriauciunas<br>Brian Marks<br>Emily Mazzei<br>Evan Silverstein<br>Evan Winiger  | Jessica Cuadra<br>John Bishop<br>Katherine Sarkisian<br>Rachel Cohen<br>Rachel Sharp<br>Rebecca Seale<br>Samanthia Omega<br>Stephanie Price |