

**KELSEY K. WIGGS**  
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## EDUCATION

- In Progress**    **Ph.D., Clinical Psychology**  
Indiana University; Bloomington, IN  
Advisor: Brian M. D'Onofrio, Ph.D.
- 2014**            **B.S., Psychology with Major and University Honors**  
**B.A. in Philosophy with University Honors**  
**Minor in Human Relations with University Honors**  
University of Iowa; Iowa City, IA

## HONORS AND AWARDS

- 2017-present    Fellowship, Training in Clinical Translational Science: Maximizing the Public Health Impact, Indiana University
- 2016-2017      Fellowship, Training Program in Integrative Developmental Process, Indiana University
- 2014            Major Honor's in Psychology
- 2014            University Honors in Psychology, Philosophy and Human Relations
- 2013-2014      \$2,000 Fellowship, Iowa Center for Research by Undergraduates, University of Iowa
- 2012-2013      \$2,000 Fellowship, Iowa Center for Research by Undergraduates, University of Iowa

## PEER REVIEWED MANUSCRIPTS

- Wiggs, K. K.**, Elmore, A. L., Nigg, J. T., & Nikolas, M. A (2016). Prenatal health risk and child externalizing disorders: Does neuropsychological functioning explain the link? *Journal of Abnormal Child Psychology*, *44*(8), 1473-1485.
- Wiggs, K. K.**, Rickert, M. E., Hernandez-Diaz, S., Bateman, B. T., Almqvist, C., Larsson, H., Lichtenstein, P., Oberg, A. S., & D'Onofrio, B. M. (2017). A family-based study of the association between labor induction and offspring attention-deficit hyperactivity disorder and low academic achievement. *Behavior Genetics*, *47*(4), 383-393.
- Wiggs, K. K.**, Chang, Z., Quinn, P. D., Hur, K., Gibbons, R., Dunn, D., Brikell, I., Larsson, H., & D'Onofrio, B. M. (2018). Attention-deficit hyperactivity disorder medication and seizures. *Neurology*, *90*(13), e1104-e1110.
- Roembke, T., **Wiggs, K. K.**, & McMurray, B., (2018). Symbolic flexibility during unsupervised word learning in children and adults. *Journal of Experimental Child Psychology*. *175*, 17-36.

Spalding, K.N., Guzman-Velez, E., Angelica, J., **Wiggs, Kelsey, K.**, Savransky, A., Tranel, D., (accepted). A novel two-day intervention reduces stress in caregivers of persons with dementia. *Alzheimer's & Dementia*.

### **MANUSCRIPTS UNDER REVIEW**

Birkell, I., Chen, Q., Kuja-Halkola, R., D'Onofrio, B. M., **Wiggs, K. K.**, Quinn, P. D., Chang, Z., Larsson, H., (under review). ADHD medication treatment and the risk of seizures in individuals with a seizure history; a nationwide cohort study.

### **SELECTED CONFERENCE POSTER PRESENTATIONS**

Roembke, T., **Wiggs, K. K.**, & McMurray, B., (2015). Special role of words may emerge over time- no evidence for advantage of linguistic stimuli over non-linguistic ones in children. *Society for Research in Child Development Biennial Meeting*.

**Wiggs, K. K.**, Chang, Z., Quinn, P. D., Hur, K., Gibbons, R., Dunn, D., Brikell, I., Larsson, H., & D'Onofrio, B. M. (2018). The association between attention-deficit hyperactivity disorder medication and seizures. *American Professional Society for ADHD and Related Disorders*.

**Wiggs, K. K.**, Rickert, M. E., Sujan, A. C., Quinn, P. D., Lichtenstein, P., Larsson, H., Oberg, A. S., & D'Onofrio, B., M. (September, 2018). Maternal antiepileptic drug use during pregnancy and offspring attention-deficit hyperactivity disorder. *Society for Research in Psychopathology*.

**Wiggs, K. K.**, Rickert, M. E., Sujan, A. C., Quinn, P. D., Lichtenstein, P., Larsson, H., Oberg, A. S., & D'Onofrio, B., M. (October, 2018). The association between maternal report of antiepileptic drug use during pregnancy and neurodevelopmental problems. *Society for Research in Child Development Special Topic Meeting: Conference on the Use of Secondary and Open Source Data in Developmental Science*.

### **SELECTED CONFERENCE ORAL PRESENTATIONS**

**Wiggs, K. K.**, Rickert, M. E., Hernandez-Diaz, S., Bateman, B. T., Almqvist, C., Larsson, H., Lichtenstein, P., Oberg, A. S., & D'Onofrio, B. M., (2016). A family-based study of the association between labor induction and offspring attention-deficit hyperactivity disorder and low academic achievement. *Developmental Seminar, Indiana University*.

**Wiggs, K. K.**, Rickert, M. E., Hernandez-Diaz, S., Bateman, B. T., Almqvist, C., Larsson, H., Lichtenstein, P., Oberg, A. S., & D'Onofrio, B. M., (2017). A family-based study of the association between labor induction and offspring attention-deficit hyperactivity disorder and low academic achievement. *Society for Research in Child Development Biennial Meeting*.

**Wiggs, K. K.**, Rickert, M. E., Hernandez-Diaz, S., Bateman, B. T., Almqvist, C., Larsson, H., Lichtenstein, P., Oberg, A. S., & D'Onofrio, B. M., (2017). A family-based study of prenatal exposure to antiepileptic drugs and offspring neurodevelopmental disorders. *Developmental Seminar, Indiana University*.

**Wiggs, K. K.,** Chang, Z., Quinn, P. D., Hur, K., Gibbons, R., Dunn, D., Brikell, I., Larsson, H., & D'Onofrio, B. M. (2018). The association between attention-deficit hyperactivity disorder medication and seizures. *American Professional Society for ADHD and Related Disorders*.\*

**Wiggs, K. K.,** Chang, Z., Quinn, P. D., Hur, K., Gibbons, R., Dunn, D., Brikell, I., Larsson, H., & D'Onofrio, B. M. (2018). The association between attention-deficit hyperactivity disorder medication and seizures. *Clinical Colloquium, Indiana University*.

\*Note: Invitations to give oral presentations were awarded to the top ten posters submitted to this conference.

### **PROFESSIONAL AFFILIATIONS**

2016-2017 Member of the Society for Research in Child Development

2017-present Member of the Association for Psychological Science

### **RESEARCH EXPERIENCE**

**August 2015 – present** Developmental Psychopathology Lab  
Principal Investigator: Brian M. D'Onofrio  
Indiana University; Bloomington, IN

Activities: Study of the etiology of neurodevelopmental problems. This includes investigation of how pregnancy-related factors versus familial relatedness may account for the later onset of neurodevelopmental problems as well as how ADHD medication may impact comorbidities (e.g. seizures). This is accomplished by using large longitudinal data sets and family-based or within individual experimental designs.

**May 2014 – 2015** Iowa ADHD and Development Laboratory  
Principal Investigator: Molly Nikolas, Ph.D.  
University of Iowa; Iowa City, IA

Activities: Project design, manuscript write up, leading journal article discussion in lab meetings, critical engagement with the language ADHD literature, meetings with principle investigator to discuss and implement design, strategy, discuss/evaluate literature, etc. Consenting participants, administration and scoring of neurocognitive tests (e.g., WASI, WRAT, DKEFS, Conners Continuous Performance Test, Stop Task) and measures of social cognition. Use of SPSS and MPlus for data analyses involving multiple mediation models.

**July 2014 – 2015** Clinical-Cognitive Science Laboratory  
Principal Investigator: Teresa Treat, Ph.D.  
University of Iowa; Iowa City, IA

Activities: Critical engagement with the sexual aggression and eating related difficulties literature, meetings with principle investigator to discuss/evaluate literature, protocol, and methodology. Prepping/editing stimuli in Photoshop, consenting, administering tasks to participants, debriefing, data filing/management, etc.

**May 2014 – 2015** Department of Neurology: Division of Behavioral Neuroscience  
Principal Investigator: Dr. Daniel Tranel  
Graduate Student Supervisor: Edmarie Guzman-Velez  
University of Iowa; Iowa City, IA

Activities: Project design, critical engagement with the relevant neuropsychological and intervention literature, meetings with graduate student advisor to discuss and implement design, strategy, discuss/evaluate literature, writing/modifying IRB applications, recruitment and outreach for recruitment in the community, scheduling, consenting, office coordination and management, and overall day-to-day maintenance of the project. Use of AcqKnowledge in analysis of psychophysiological data.

**2013 – 2015** Child Development Laboratory  
Principal Investigator: Grazyna Kochanska, Ph.D.  
University of Iowa; Iowa City, IA

Activities: Recording three to five hour sessions with family participants, behavioral coding for seven coding systems, entering and proofing data, etc.

**2011 – 2014** Mechanisms of Audio-Visual Categorization Laboratory  
Principal Investigator: Robert McMurray, Ph.D.  
University of Iowa; Iowa City, IA

Activities: Project design, manuscript write up, presentation in lab meetings, critical engagement with the language acquisition literature as well as speech perception more broadly, meetings with Principle investigator to discuss and implement design, strategy, discuss/evaluate literature, etc. Administered tasks to participants, debriefed participants on study procedures, data entry, and stimuli preparation. Assisted in recruitment of undergraduate, infants, and school-aged children. Developed expertise in use of programs and software including PRAT and Microsoft Office, and eye-link eye-tracking hardware.

## **RELEVANT WORK/CLINICAL EXPERIENCE**

**August 2017-present** Indiana University Cognitive-Behavioral Therapy Clinic  
Department of Psychological and Brain Sciences  
Supervisor: Brittany Brothers, Ph.D.  
Indiana University; Bloomington, IN

Activities: We provide cognitive behavioral therapy, an empirically supported treatment, to adults with mood and anxiety disorders.

**January 2015-present** Indiana University Parent-Child Clinic  
Department of Psychological and Brain Sciences  
Supervisor: John E. Bates, Ph.D.  
Indiana University; Bloomington, IN

Activities: We provide an empirically supported treatment program for parents of children between the ages of 3 and 8 to reduce disruptive behaviors.

**May-September 2014** Systems Unlimited Inc.  
Supervisor: Brianne Stevenson  
Iowa City, IA

Activities: Providing direct support to individuals with intellectual disability as well as other neurodegenerative or neurodevelopmental and physical disabilities. Often included helping individual understand and act on legal rights, helping understand finances, providing emotional support, mediation and diffusion of power struggles between roommates, meeting and attaining goals the individual sets for self, following individuals' case protocol for behavioral problems, as well as daily living support.

## **TEACHING EXPERIENCE**

**August-December 2015** Developmental Cognitive Neuroscience  
Teaching Assistant

Activities: Grading written assignments, quizzes, and exams, holding office hours to answer questions the students may have about the course, and meeting with students to provide scaffolding and feedback as they prepared to formally present peer reviewed journal articles to the rest of the class for a grade.

**January, 2018-present** Methods of Experimental Psychology  
Assistant Instructor

Activities: Teaching two weekly lab sections, providing more in-depth engagement with material that is introduced in lecture. Topics include the importance of empirically-supported treatments for mental illness, research design, conducting experiments, conducting analyses, interpreting results, and writing scientifically. Additionally, grading assignments, papers, holding office hours.