

Emily Johns

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Education

Indiana University – Bloomington, IN
Bachelor of Science Psychology

2013-2017
Major GPA: 3.64/4.00

Research Experience

Linda B. Smith's Cognitive Development Laboratory

Smith, Yuan, Johns, & Decocq (2017). *Development of Multi-Digit Numbers*. Undergraduate poster presentation, Psychological and Brain Sciences, Indiana University.

Current Project: *The Development of Place-value Concept and Multi-digit Numbers*

Place value understanding is the building block of mathematics. It is also a common stumbling block for many students. However, this gap between children who have a deeper understanding and those who do not is not recognized until later in elementary school. This current study aims to determine if beginning place value training at an earlier time would be beneficial. In addition, it aims to discover what kind of training is most effective in helping kindergarteners and first graders comprehend multi-digit place value. The experiment comprises of seven conditions and takes place over eight days, consisting of a pretest, six days of training, and a posttest.

Laboratory Technician/ Project Manager

April 2018 – Current

Manage the recruitment and running of all subjects for a current longitudinal research study examining how children learn and understand place value in multi-digit numbers. Oversee five undergraduate assistants and analyze the collected data.

Research Assistant

September 2017-April 2018

Ran children subjects ages 4-6 years old through training procedures in a real-life setting (i.e. classroom or after school program) and a laboratory, including a pre-test, five days of training, and a post-test, to assess knowledge of place value notation. Gathered and coded pre- and post-test data within Excel. Learned coding of natural behaviors on Datavyu of subjects. Attended weekly reading meetings to discuss current and previous studies that have significant influence on the current study. Worked alongside other research assistants, graduate students, and postdoctoral students.

Lorenzo Lorenzo-Luaces Lab

Lorenzo-Luaces, L., Johns, E., Keefe, J. R. (2018). The generalizability of randomized controlled trials (RCTs) of self-guided internet-based cognitive-behavioral therapy (iCBT): Effects on study outcomes and a comparison with RCTs of antidepressants and face-to-face therapy. *Manuscript in preparation*.

Volunteer Research Assistant

October 2017 – Current

Collaborated with Dr. Lorenzo-Luaces on projects surrounding the research and classification of Major Depressive Disorder. Independently compiled relevant research articles and analyzed them for projects. Designed and developed a research project surrounding Seasonal Affective Disorder. Co-authored a paper in review for submission.

Mentorship Experience

Aldrich Project Field Experience

Say It Straight Implementation

January 2017-February 2017

Worked closely with a group of IU Nursing students to implement an effective communications evidence-based practice in a local elementary school. Specific duties included: receiving training for Say It Straight, implementing the program with a class of 2nd graders, and reporting qualitative data to a supervisor.

Girls Group Mentoring Program

Spring 2017

Concurrently attended a service-learning class title “The Psychology of Adolescent Girls” and mentored 8th grade girls at Batchelor Middle School with a group of 6 peers. Specific responsibilities included: collaboratively guiding a small group of peers, applying lecture-based material to write and implement weekly lesson plans with 15-20 girls and develop and maintain relationships.

Peer Tutor

Spring 2017

Private tutor through Psychology and Brain Science Department for a student enrolled in Introduction to Psychology. Worked to improve note-taking skills, study strategies, and overall knowledge of psychology outside of the classroom.

Undergraduate Teaching Assistant

Fall 2016- Spring 2017

Psychology 101, P318 Foundations of Clinical Science

Collaborated closely with Dr. Jeff Huber and Dr. Anne Zhang as a teaching assistant. Specific responsibilities included: logging class attendance, grading assignments, planning and leading a review session before an exam, and grading exams. Worked closely with approximately 200-300 undergraduate students to help reinforce material.

Wing It Cycling

Captain of a Little 500 Team

Fall 2014-Spring 2017

Captain of a 4-person cycling team that competes in the largest collegiate bike race in the nation. My specific duties included: leading and developing a team of rookies, managing a team budget and annually securing scholarships and funding, recruiting new members, updating social media, and creating annual newsletter using Microsoft Word (recruitment, newsletter, etc.) and Microsoft Excel (budget preparation, recording transactions, designing training programs).