

# Patrick J. Ryan

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## EDUCATION

### **The Pennsylvania State University: 2015 - Present (Expected Fall 2019)**

Ph.D. (in progress), Human Development and Family Studies. Advisor: Dr. Lisa Gatzke-Kopp

### **Trinity College Dublin: 2013 - 2014**

MSc. Neuroscience. Advisor: Dr. Aine Kelly

### **Emmanuel College 2008 - 2011**

Bachelor of Arts in Psychology with concentration in Neuroscience

## TEACHING EXPERIENCE

### **Teaching assistant:**

*Summer 2019* HDFS 495: Internship Experience (Bachelors)\*

Supervisor: Marc McCann

HDFS 395: Internship Experience (Associates)\*

Supervisor: Terry Cummins

*Spring 2019* HDFS 311: Introduction to Human Development & Family Studies Interventions

Supervisor: Dr. Jennifer Crissman Ishler

*Fall 2018* HDFS 455: Administration and Management in Human Service Organizations

Supervisor: Marc McCann

*Spring 2016* HDFS 301: Values and Ethics in HHD Professions

Supervisor: Dr. Julie States

*Fall 2015* HDFS 239: Adolescent Development

Supervisor: Dr. Chuck Geier

\*Courses taught online

### **Responsibilities:**

-Attended bi-weekly classes to assist with classroom management

-Was responsible for grading exams, quizzes, and written assignments, as well as providing students with critical feedback

-Held weekly office hours to meet with students about grades, course content, and make-up assignments

## RESEARCH EXPERIENCE

### Child Brain Development Lab

The Pennsylvania State University  
Graduate Research Assistant  
PI: Dr. Lisa Gatzke-Kopp

Aug 2015 – present

### Cole Emotion Regulation Lab

The Pennsylvania State University  
Graduate Research Assistant  
PI: Dr. Pamela Cole

Jan 2016 – present

### Trinity College Institute of Neuroscience

Trinity College Dublin  
Research Assistant  
PI: Dr. Aine Kelly

Sep 2013 - Jun 2014

### Emmanuel College Psychology Department

Emmanuel College Boston  
Research Assistant  
PI: Dr. Joyce Benenson

Jan 2011- Feb 2012

### Center on the Developing Child

Children's Hospital Boston  
Intern  
PI's: Dr. Michelle Bosquet Enlow

Jan 2012 – Apr 2012

### Tutorials:

Introduction to dplyr: describing and visualizing data – We R Penn State R Users Group

Tidyverse approaches to dealing with missing data – We R Penn State R Users Group

## ACADEMIC SERVICE

### HDFS Graduate Student Steering Committee

Steering Committee Chair  
Social Chair

Fall 2018 – Spring 2019

Fall 2016 – Spring 2018

## PUBLICATIONS

The association between perinatal hypoxia exposure and externalizing symptoms and risky decision making in childhood is moderated by DRD2 genotype (White, R., **Ryan, P.J.**, Lydon-Staley, D., & Gatzke-Kopp, L.M., 2019). *Developmental Psychobiology*.

Human males appear more prepared than females to resolve conflicts with same-sex peers. (Benenson, J. F., Kuhn, M.N., **Ryan, P. J.**, Ferranti, A.J., Blondin, R., Shea, M., & Wrangham, R.W., 2014). *Human Nature*, 1-18.

## CONFERENCE PRESENTATIONS

**Ryan, P.J.**, Benson, L., Ram, N., Gatzke-Kopp, L.M. Neurovisceral Integration: Coordinated Activity of Sympathetic, Parasympathetic, and Cortical Systems Within Individuals. Poster presented at the *Society for Psychophysiological Research* in Vienna, Austria, 2018

**Ryan, P.J.**, White, R., Lydon-Staley, D., & Gatzke-Kopp, L. Glucocorticoid receptor gene moderates the effects of gestational stress on effort tolerance in middle childhood. Poster presented at *Society for Research on Child Development Biennial Meeting*, Austin, TX, USA, 2017.

White, R., **Ryan, P.J.**, Lydon-Staley, D., & Gatzke-Kopp, L. DRD2 Taq1A polymorphism moderates the effect of pre- and perinatal exposure to hypoxic conditions on probability discounting. Poster presented at *Society for Research on Child Development Biennial Meeting*, Austin, TX, USA, 2017.

White, R., **Ryan, P.J.**, Lydon-Staley, D., & Gatzke-Kopp, L. COMT gene variants differentially moderate the effects of physical and interpersonal risk factors on children's delay tolerance. Poster presented at *Society for Research on Child Development Biennial Meeting*, Austin, TX, USA, 2017.

## SOFTWARE PROGRAMS

**Statistical pacs:** R, SAS, SPSS, Matlab

**Physiology:** BioLab/MindWare

## PROFESSIONAL MEMBERSHIPS

Society for Research on Child Development

Society for Psychophysiological Research