

# CHADWICK EDWARDS

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## Objective

Seeking a position within The Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics that will make use of and build upon my training in the statistical sciences.

## Education

- **PhD in Biostatistics** December 2014 (Expected)  
Department of Biostatistics, Graduate School of Public Health  
University of Pittsburgh  
Pittsburgh, PA  
Dissertation: "Analysis of Variance for Randomly Right Censored Survival Data,"  
Advised by Dr Abdus S. Wahed.
- **Master of Arts in Statistics** August 2008  
Columbia University, Graduate School of Arts and Sciences  
New York, NY
- **Bachelor of Science in Applied Mathematics and Statistics** May 2006  
State University of New-York at Stony Brook  
Stony Brook, NY

## Research Interests

- Clinical trial design and analysis
- Survey Research design and Methodology
- Survival Analysis
- Analysis of Missing data

## Computing Experience

- Proficient in SAS
- Data management and analysis experience with R and STATA

## Research Experience

Graduate Student Researcher September 2012- April 2014  
University of Pittsburgh Institute for Clinical Research Education KL2 Program

- Member of a centralized source that offers statistical expert consultations to University scholars supported by the Clinical and Translational Science Award (CTSA) through the K12 mechanism.
- Collaborated with other investigators to assess the impact of race and unintended pregnancy on the desire for reversal of tubal sterilization using the National Survey of Family growth data available from the Centers for Disease Control and Prevention.
- Conducted analysis to assess the causal effect of homework adherence on clinical outcomes amongst patients receiving Cognitive Behavioral Therapy using the Sequenced Treatment Alternatives to Relieve Depression (STAR\*D) study data from the National Institute of Mental Health.

Graduate Student Researcher  
University of Pittsburgh Western Psychiatric Institute and Clinic

Jan 2011- Aug 2012

- Examined the efficacy of electro-acupuncture in the treatment of major depressive disorder using hierarchical linear modeling, and wrote up the statistical analysis section in preparation for publication.
- Performed a systematic comparison of three psychometric rating scales in quantifying clinical improvement in the treatment of behavioral and psychological symptoms of dementia in non-depressed patients.
- Performed secondary analysis to investigate how previous treatment history impacts remission using the Study of Pharmacotherapy of Psychotic Depression.

### **Peer Reviewed Publications**

- Garcia, C., **Edwards, C.**, Patel, P., & Smith, B. (2011). Sample Publication Title. *J Clin Psychiatry*, 72(8), 1129-35.
- Repeat format.
- Repeat format.

### **Awards, Certifications & Presentations**

- Recipient of the Biostatistics in Psychiatric Research Pre-Doctoral Fellowship.
- Presented at the 2010 100<sup>th</sup> Annual American Psychopathological Association (APPA) conference on the results of the comparison of three psychometric instruments.
- Winner of the Biostatistics award, Graduate School of Public Health Dean's Day Competition. Presented a poster with the results of the comparison of three psychometric instruments.
- Special recognition as a mentor to students participating in the 2011 Summer Institute for Training in Biostatistics, University of Pittsburgh.

### **Professional Memberships**

American Statistical Association

Sept 2012 - Present