

## Eliza Jones

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### EDUCATION

Bachelor of Arts, Elon University, Elon, NC

May 2014

**Majors:** Statistics and Sociology

**GPA:** 3.53

Academic Study Abroad: Italy-Fine Arts Winter Term

January 2014

Honors: President's List Spring 2011 and Spring 2013, and Dean's List Fall 2012 and 2013

### SKILLS

Computer: SAS, IBM SPSS, R, Microsoft Word, Excel, and PowerPoint

Language: Fluent in Spanish

### STATISTICAL ANALYSIS PROJECTS

#### Attitudes of atheists

Spring 2013-May 2014

Independent research project

- Analyzed previously collected data on the beliefs of 8,351 atheist participants
- Reviewed publications on religious believers' attitudes towards atheists
- Reported correlations and percentages on morality, religion's impact, and psychological health of atheists

#### Alamance Health Center survey

Fall 2013

Survey Sampling Methods project

- Consulted with coordinator to assess needs of rehabilitation center in Burlington, NC
- Designed and administered a survey to patients in desired population
- Presented research findings in formal oral presentation to Alamance Health Center staff

#### The effects of sample size on statistical significance in two-sample proportion tests

Summer 2013

Independent research project

- Examined previously collected data on cognitive development of nine and fourteen-month old infants
- Conducted simulations by increasing the sample sizes in statistical program R
- Identified the recommended sample sizes for yielding statistically significant results at varying levels of alpha

#### Predicting the probability of diabetes based on lifestyle

Spring 2012

Statistical Modeling project

- Interpreted results for given data set about diabetes
- Performed transformations to meet assumptions
- Generated a predictive model using logistic regression

### LEADERSHIP EXPERIENCE

#### Psychology Club-Treasurer

Fall 2012-Spring 2013

- Coordinated 3 fundraisers, raising a total of \$200 to support future events
- Managed a \$1000 organization budget

#### Kappa Delta Sorority, Eta Chi Chapter- Founding Member

Spring 2011-May 2014

- Planned and advertised philanthropy on-campus events
- Volunteered with local Girl Scout troop events and cookie sales

### CAMPUS INVOLVEMENT

#### Admissions Tour Guide- Elon University

Fall 2012-May 2014

- Greeted campus visitors and created welcoming atmosphere on campus
- Provided information and tours to prospective students and their families
- Assisted in maintaining organization of office by filing documents, copying and sorting materials

#### Mathematics Tutoring- Alamance High School

Fall 2013

#### Elonthon Dance Marathon- Morale Committee

Spring 2013, 2014

#### Women's Club Soccer

Fall 2010-2014