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**Objectives:**

My personal career objectives is to be able to advise decision makers in the public or private sector to allow for data driven decisions. These tasks include advising individuals on research design, data collection, data management, statistical analysis and practical implementation of results.

**Education:**

Doctor of Philosophy Educational Psychology, Measurement, Statistics and Research Design University of Washington - Seattle College of Education	2014
Certificate in Individual Concentration in Social Statistics Center For Statistics and the Social Sciences	2012
Masters of Arts Psychology in Education (Clinical Psychology) Columbia University - Teachers College, New York City, NY	2008
Bachelors of Science Psychology East Central University, Ada, OK	2006

**Employment**

<b>Independent Consultant</b> Westat	<b>August 2016 - Present</b> <b>Rockville, MD</b>
<b>Responsibilities:</b> Write background section on research proposal. Write literature review on research proposal. Write a statistical analysis plan for a random controlled trial of community college students with disabilities.	

<b>Statistician</b> Department of Agriculture Food Safety and Inspection Service - Office of Policy and Program Development	<b>March 2016 - June 2016</b> <b>Washington, DC</b>
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**Responsibilities:** Analyze data and provide statistical support to FSIS initiatives. Compile literature on consumer purchasing behavior and food safety behaviors. Design a survey and experiments to understand and improve consumer food safety. Analyzing data on industry safety standards and trends in regulatory violations.

<b>Research Analyst</b> Department of Labor Office of Disability Employment Policy	<b>July 2014 - March 2016</b> <b>Washington, DC</b>
<b>Responsibilities:</b> Provide consultation to policy teams regarding research projects design and execution to ensure projects address research questions. Developing a new performance measurement system to include designing management tools to review the data. COR for a \$216,206.00 contract. Manage Paperwork Reduction Act submissions.	

**Accomplishments:**

- Collected performance measures and prepared reports based on the data for senior staff
- Collating previous research into a single database improving accessibility and availability
- Arranged a Pi Day to acknowledge and discuss the influence of mathematics (more specifically data analysis) in the policy work done.
- Created a disability flyer to show relevant statistics on persons with disabilities within ODEP.

Software used: SPSS, HLM6, MPlus, R, MS Excel, MS Word

**Computing and Statistical Consultant**  
**University of Washington**

**December 2012 - June 2014**  
**Seattle, WA**

**Center for Social Science Computation and Research**

**Responsibilities:** Assisted students, faculty and staff with data entry, data analysis, troubleshooting of statistical methods and computational limitations to interpretation of the results and recommendations concerning statistical issues. Taught quarterly statistical computing seminar including multilevel modeling in MPlus, multilevel modeling in R and the use of Excel for data management and basic descriptive statistical and graphical presentation of data.

**Accomplishments:**

- Aided many students in completion of homework assignments, class projects, theses and dissertations.
- Taught seminars on multilevel modeling in several different types of statistical software as well as a seminar on use of Microsoft Excel for basic statistics and graphics.

Software used: SPSS, HLM6, MPlus, R, MS Excel, MS Word

**Research Assistant**  
**University of Washington - Multiple Campuses**  
**College of Education: Multiple Departments**

**June 2008 - July 2013**  
**Seattle, WA**

**Responsibilities:** Analyzed small and large data sets using collected surveys. Created tables of descriptive statistics of survey and participant characteristics. Used structural equation modeling; confirmatory factor analysis, descriptive statistics including expected values, standard deviation, and frequency counts; inferential statistics including confirmatory factor analysis, structural equation model and hierarchical generalized linear model and multilevel models. Wrote the methods and results section relevant to the analysis. Assisted professors in connecting the final analysis with the theoretical rationale and on future directions for research.

**Accomplishments:**

- Helped resolve a challenge to a poor longitudinal study design (questions changed during the study period) on political engagement of graduates.
- Assisted with the fit of a zero inflated negative binomial regression model. The nesting effect by schools required a multilevel model to account for the correlation that may exist based on the university from which they graduated and predict rates of community participation of college graduates in a study with community participation in integers and very high zero counts.
- Prepared an in depth literature review on policy analysis of barriers to young adults with disabilities transitioning from high school to college to improve occupational opportunities.
- Participated in the analysis of data and prepared a graphical representation of a statewide data collection effort for use by faculty, university administrators and policy makers.
- Analyzed video interviews of research participants and coded common themes during the interviews and assisted the technology staff in making videos discussing "program change" and how best they could be made available to faculty around the state.
- Analyzed a survey conducted by the University of Washington and the Educational Testing Service. Presented graphical results for use by the professors and collaborators.

**Independent Statistical Consultant**  
**Hofstra University & Adelphi University**

**November 2012 - June 2013**  
**Hempstead, NY & Garden City, NY**

I provided advice to the Principal Investigators on data collection and the number of surveys they may

need to run the appropriate analysis. When sampling was complete, I cleaned the data and reverse coded several of the survey questions. I then ran regression analyses on the data and consulted with the researchers on the analysis implications to theory, policy and practice.

### **Intern**

**June 2007 - August 2007**  
**Washington, DC**

**Department of Health and Human Services**

**Office on Disability in the Office of the Secretary**

**Responsibilities:** Prepared policies concerning health inequality and disability for use by within the Department. Served on a committee and eventually chaired the committee on integrating services for individuals with traumatic brain injuries. Conducted analysis of various programs, studies and policies. Processed citizen inquiries regarding assistance with the adjudication of federal laws and statutes related to individuals with disabilities' civil rights or benefit programs.

#### **Accomplishments:**

- Helped prepare an emergency preparedness toolkit called "Community Planning Toolkit for State Emergency Preparedness Managers to inform emergency responders on how to help individuals with disabilities during disasters
- Conducted an analysis of mental health and disability relating to the implementation of Healthy People 2010 which was used to inform senior staff on how to improve mental health status of individuals with disabilities

### **Teaching**

**Teaching Assistant**

**January 2011 - May 2011; January 2012 - May 2012**

**University of Washington**

**Seattle, WA**

**Department of Educational Leadership and Policy Studies**

Course: Secondary Data Analysis

**Responsibilities:** Assisted in teaching Secondary Data Analysis including beginning and intermediate statistical methods using large extant data sets including basic univariate statistics such as mean, median, mode, variance, standard deviation, kurtosis to inferential statistics such as correlations, chi-square test, simple linear regression, multiple regression, one way analysis of variance and exploratory factor analysis.

#### **Accomplishments:**

- Students got individual assistance on their assignments in the class
- Worked with individual students to implement assignments in statistical software (SPSS)

**Teaching Assistant**

**January 2008 - May 2008**

**Teachers College, Columbia University**

**New York City, NY**

**Human Development - Measurement, Evaluation, and Statistics**

Course: Applied Regression Analysis

**Responsibilities:** Assisted in teaching Applied Regression analysis including topics of simple linear regression, multiple linear regression, analysis of variance and analysis of covariance. Understanding the limitations and assumptions of the models and their proper use.

#### **Accomplishments:**

- Students got individual assistance on their assignments in the class
- Worked with individual students to implement assignments in statistical software (SPSS)
- Graded papers and entered grades into electronic gradebook (SPSS)

### **Certifications**

Contractor Officer Representative - November 2014

### **Software**

EQS (Intermediate)

L<sup>A</sup>T<sub>E</sub>X (Intermediate-Advanced)

MPlus (Advanced)

R Statistical Software (Advanced)  
 SPSS (Advanced)  
 Stata (Intermediate)  
 Tableau (Some experience)

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## Publications

### Peer Review Journals

Feuerborn, L. L., Tyre, A. D., & King, J. P. (2015). The Staff Perceptions of Behavior and Discipline Survey A Tool to Help Achieve Systemic Change Through Schoolwide Positive Behavior Support. *Journal of Positive Behavior Interventions*, *17*(2), 116126. <http://doi.org/10.1177/1098300714556675>

Lott, J. L., Hernandez, J., King, J. P., Brown, T., & Fajardo, I. (2013). Public Versus Private Colleges: Political Participation of College Graduates. *Research in Higher Education*, *54*(8), 895929.

### Book Chapters

Keller, R., & King, J. P. (2008). Health Disparities and People with Disabilities. In B. C. Wallace (Ed.), *Health Disparities and People with Disabilities*. New York: Springer Publishing Company.

King, J. P., Hernandez, J. M., & Lott, J. L. (2013). Using existing data sources/programs and multilevel modeling techniques for questions in institutional research. In J. Lott & J. Anthony (Eds.), *New Directions for Institutional Research* (pp. 4155). San Francisco: Jossey-Bass. Retrieved from <http://doi.wiley.com/10.1002/ir.20013>

### Presentations

Keller, R., & King, J. P. (2007). People with disabilities: Addressing and reducing health disparities. Presented at the The second annual health disparities conference: physical, emotional, mental, and spiritual health: Toward integrated evidence-based approaches to health disparity reduction, New York City.

King, J. P., Switch, V. J., & Wood, P. (2005). Tolerance of Homosexuality. In Poster session presented at the annual meeting of the Oklahoma Psychological Society.

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## Relevant Coursework

### University of Washington

Advanced Correlational Techniques  
 Advanced Education Measurement  
 Bayesian Statistics for the Social Sciences  
 Causal Modeling  
 Data Analysis and Reporting  
 Educational Inquiry  
 Empowerment Practice with Persons with Disabilities  
 Exceptional Children  
 Experimental Design & Analysis  
 Hierarchical Linear Models (College of Education)  
 Hierarchical Linear Models (Center for Statistics and the Social Sciences)  
 Interventions for Families of Children with Disabilities  
 Introduction to R  
 Maximum Likelihood Methods for the Social Sciences  
 Mental Health Policy  
 Methods of Applied Behavior Analysis Research  
 Multivariate Data Analysis  
 Perspectives on Policy and Policy Making  
 Problems and Issues in Special Education  
 Professional Leadership  
 Program Evaluation  
 Psychology of Policy Analysis  
 Review of Mathematics for Social Scientists  
 Seminar in Applied Special Education

Special Education Law  
 Structural Equation Modeling  
 Visualizing Data  
**Teachers College, Columbia University**  
 Adult Psychopathology  
 Applied Regression Analysis  
 Comparative Psychotherapies  
 Death Education  
 Methods of Empirical Research  
 Multivariate Analysis I  
 Probability/Statistical Inference  
 Psychological Anthropology  
 Psychology of Adjustment  
 Psychology of Loss & Trauma  
 Research and Perspectives on Critical Social Problems

### Professional Affiliations

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American Statistical Association	April 2015 - Present
Committee on Minorities - American Statistical Association	August 2015 - Present

### Leadership

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<b>Interim President</b>	<b>March 2011 - May 2011; September 2012 - May 2013</b>
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Alliance for Persons with Disabilities	Seattle, WA
– Preside over meetings of the Board of Directors	
– Prepare for leadership transition	

<b>Vice President</b>	<b>May 2010 - April 2012; April 2014 - May 2015</b>
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Alliance for Persons with Disabilities	Seattle, WA
– Chair Committee on Board Recruitment and development	
– Service as Board Parliamentarian	

<b>Director</b>	<b>April 2009 - May 2015</b>
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Alliance for Persons with Disabilities	Seattle, WA
– Fund Development And Fiduciary Accountability	
– Membership Development	
– Policy and Program Evaluation	
– Public and Community Relations	
– Executive Director Evaluation	
– Subcommittee on Personnel and Accounting Policy.	

<b>Student Senate Representative</b>	<b>September 2006 - May 2008</b>
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Teachers College, Columbia University	New York City, NY
Committee on Community and Diversity	
– Work with proper university officials and offices to ensure diversity and mutual respect among all students.	
– Respond to issues of diversity on campus	

<b>Student Senate Representative</b>	<b>January 2007 - May 2008</b>
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Teachers College, Columbia University	New York City, NY
Barrier Removal Committee	
– Work to eliminate all barriers to full inclusion of students with disabilities enjoying the benefits of the University.	

<b>Vice President and Acting Parliamentarian</b>	<b>May 2007 - May 2008</b>
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Teachers College, Columbia University	New York City, NY
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- Teachers College Student Senate
- Election Committee Chair
  - Monitor Standing Committees
  - Senate Parliamentarian

**Parliamentarian**

**September 2006 - May 2007**

Teachers College, Columbia University

New York City, NY

Teachers College Student Senate

- Ensure rules are obeyed by the body
- Advise the chair on matters of parliamentary procedure
- Resolve disputes related to the Senate Constitution and University policies and rules

**Diversity Senator**

**September 2006**

Teachers College, Columbia University

New York City, NY

Teachers College Student Senate

- Work with proper university officials and offices to ensure diversity and mutual respect among all students.

**Disability Senator**

**August 2002 - May 2003**

East Central University

Ada, OK

East Central University Student Senate

- Work to eliminate all barriers to full inclusion of students with disabilities enjoying the benefits of the University.