

# Jane Liang

📍 Memphis, TN, United States  
✉ [jliang@uthsc.edu](mailto:jliang@uthsc.edu)  
🏠 [janewliang.github.io](https://janewliang.github.io)

## Education

---

Aug 2012 - Dec 2015	<b>Bachelor of Arts in Statistics, with Honors</b> University of California, Berkeley <i>Berkeley, CA</i> Supervisor: Haiyan Huang, PhD Honors thesis: <i>Comparing Dependence Measures Using Simulation Studies</i> Course thread in Sciences and Society
------------------------	---


## Professional and Research Experience

---

Oct 2016 - <i>Present</i>	<b>Scientific Research Programmer</b> Division of Biostatistics, Department of Preventive Medicine, University of Tennessee Health Science Center <i>Memphis, TN</i> Supervisor: Saunak Sen, PhD Matrix linear models for high throughput data Maintaining high performance computing systems for division
Jan - Sept 2016	<b>Programming Analysis Associate</b> Kaiser Permanente <i>Pleasanton, CA</i> Information technology rotations
May - July 2015 & May - Aug 2014	<b>Summer Student Researcher</b> Department of Epidemiology and Biostatistics, University of California, San Francisco <i>San Francisco, CA</i> Supervisor: Saunak Sen, PhD Matrix linear models for high throughput data Lung function reference equations for Puerto Rican children QTL analysis of mice with non-alcoholic fatty liver disease

## Oral and Poster Presentations

---

June 23 2017	<b>Matrix linear models for high-throughput data (lightning talk)</b> JuliaCon  <i>Berkeley, CA</i>
Oct 5 2014	<b>PFT reference equations for Puerto Rican children</b> Third Respiratory Congress: Challenges for a Healthy Breathing <i>San Juan, PR</i>

## Teaching Experience

---




Jan - May 2015	<b>Lab Assistant</b> Department of Statistics, University of California, Berkeley <i>Berkeley, CA</i> Supervisor: Deborah Nolan, PhD STAT 133: Concepts in Computing with Data
-------------------	--

## Honors and Awards

---

Dec 2015	<b>Phi Beta Kappa</b> University of California, Berkeley <i>Berkeley, CA</i>
Dec 2015	<b>Distinction in General Scholarship</b> University of California, Berkeley <i>Berkeley, CA</i>

## Competitive Travel and Conference Support

June 20-24 2017	<b>JuliaCon</b>  <i>Berkeley, CA</i> Diversity speaker travel support
Feb 8-10 2017	<b>Workshop on the Interface of Statistics and Optimization (WISO)</b>  Statistical and Applied Mathematical Sciences Institute (SAMSI) <i>Durham, NC</i> Travel support
Oct 16-22 2016	<b>Short Course on Systems Genetics</b>  The Jackson Laboratory <i>Bar Harbor, ME</i> Tuition scholarship

## Skills

---

<b>High proficiency:</b>	R, Julia, Python, C++, LaTeX, Git, Mercurial, Linux environments
<b>Some proficiency:</b>	Java, MATLAB, web scraping
<b>Other:</b>	Audio and video editing