**JAMIE LI**

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# EDUCATION

**Lake Forest College**, Lake Forest, IL Expected May 2017

*Bachelor of Arts in Biology, Minor in Psychology*

**GPA:** 3.80/4.00; **Honors**: Presidential Scholar & Johnson Science Scholar August 2014- Present

**University of Stellenbosch**, South Africa

*Public Health Study Abroad Program* January 2015 - May 2015

# CLINICAL EXPERIENCE

**Lincolnwood Chiropractic Health Center**, Lincolnwood, IL January-May 2016

*Intern*

* Performed ultrasound, electric stimulation, and spinal decompression therapy on patients, and educated patients on the purpose of these modalities
* Analyzed data to elucidate trends in patient visits, revenue sources, and expenses which were used to set the clinic’s monthly goals on spending and number of treated patients
* Created a form to document patients’ insurance eligibility and benefits which organizes information for quick interpretation
* Reviewed and updated the clinic’s online listings and advertisements and designed a flyer for the opening of the clinic’s secondary branch to promote their services
* Prepared guidelines for training of future interns which explains work atmosphere, performing therapies, maintenance, and obtaining insurance information

**Lake Forest Hospital, Northwestern Medicine,** Lake Forest, IL January-May 2015

*Department of Radiation Oncology Intern*

* Collaborated with a breast oncologist to design a cancer assessment of Lake County
* Reviewed census and survey data to overview Lake County’s demographics including age distribution, race/ethnicity, income, poverty level, rate of risky and healthy behaviors, and rate of preventative screening behavior
* Analyzed oncology databases to identify trends in incidence and mortality of various cancers
* Identified healthcare disparities including the most underserved areas in Lake County, and limited access to insurance coverage and palliative care

# RESEARCH EXPERIENCE

**Eye Movement Lab, Department of Psychology, Lake Forest College** May 2015 – Present

*Faculty Research Assistant*

* Conduct interviews with children and families, asking questions such as the child’s favorite color, animals, etc. in order to gain more information about the child’s curiosity and get a baseline
* Record eye movements of the child on various stimuli using eye tracker, after having developed the customized visual stimuli for the child excluding their favorite color, etc. to decrease confounds
* Collect data on the child’s preferences of the various stimuli and conduct cross-checks and analysis in SPSS to determine if novelty, variety and complexity does affect the child’s curiosity

**Rosalind Franklin University of Medicine and Science** August 2015 – December 2015

*Pediatric Chronic Illness Lab, Research Intern*

* Completed data entry and verification of the extensive data that has been collected on Inflammatory Bowel Disease (IBD) in teenagers
* Scored and coded of the various IBD measures such as Tobacco Use Screening and Cessation Intervention, Preventive Care and Screening, etc.
* Conducted analysis in SPSS – running T-tests, graphing, ANOVAs, etc. to understand whether the intervention techniques have been working

# LEADERSHIP & COMMUNITY INVOLVEMENT

**Beta Beta Beta, National Biological Honor Society,** Lake Forest College August 2015– Present

*Treasurer*

* Organize speaker seminars that featured rising or prominent research scientists, Journal Clubs, and a symposium on behalf of the Biology Department of Lake Forest College
* Manage logistics, funds and resources for the organization and execution of its various events

**Relay for Life,** Lake Forest, IL August 2015 – Present

*Secretary and Management Team*

* Supervise the work of all team managers and planning events
* Maintain effective records of administrative tasks and help organize by taking minutes and sending reminders

*Team Recognition Manager* August 2014 –May 2015

* Built relationships with the developing teams, recognizing fundraiser accomplishments and communicating the expectations of team captains.

**Alpha Phi Omega National Service Fraternity** January 2015-Present

*Active member of Lake Forest College Chapter*

* Participate in weekly chapter meetings and fellowship events
* Coordinate and complete service projects on and off campus, including a mentorship program with North Chicago elementary schools
* Organize, advertise, and execute philanthropy events at Lake Forest College

# PRESENTATIONS AND PUBLICATIONS

J. Li, T. Kole, and S. Smith. “Removing Alternatively Spliced Variants of Alpha-Synuclein.” Argonne National Labs Undergraduate Symposium, Argonne, IL, 2016.

J. Li. “Stopping Protein Growth.” Lake Forest College Eukaryon Science Research Journal, 10 (5), 2015. htt[ps://www.lakefor](http://www.lakeforest.edu/live/news/5555-stopping-protein-growth)e[st.edu/live/news/5555-stopping-protein-growth](http://www.lakeforest.edu/live/news/5555-stopping-protein-growth)

# SKILLS

**Language**: Fluent in Spanish; Conversant in Japanese (intermediate)

**Computer**: Proficient with MS Word, Excel, and Power Point, Access, SPSS, Adobe Photoshop, Final Cut Express

**Laboratory**: Microscopy, PCR, chromatography, IR spectroscopy, H1 & C13 NMR