

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. <https://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