

Alyssa Suining Chen

Email: alyssa.chen@yale.edu • Phone: (248)-345-8312 • Address: 206 Elm St #203924, New Haven, CT 06520

Objective: A summer internship in Summer '17 or full-time position in biomedical engineering in 2018**Education**

Yale University

August 2014 - May 2018

B.S. in Biomedical Engineering, Molecular Engineering Track

GPA: 3.79/4.00**Activities:** healthyU, Asian American Cultural Center, MedSci, Chinese Adopted Siblings Program for Youth**Skills****Languages:** English (main), Chinese Mandarin**Research:** Proposal and research paper writing, molecular biology techniques, gene analysis**Technical:** AutoCAD, Java, MATLAB, HTML (working), JMP statistical software**Other:** Emergency Medical Technician training**Publications****Manuscripts Under Review**Yuwen Li, Daniel Caballero, Julian Ponsetto, **Alyssa Chen**, Chuanlong Zhu, Jun Guo, Marie Demay, Harald Jueppner, and Clemens Bergwitz (under review). Response of Npt2a knockout mice to dietary calcium and phosphorus. *American Journal of Physiology – Renal Physiology***Research Experience****Undergraduate Researcher – Endocrinology, Yale Medical School**

February 2016 - Present

Researching genes and pathways that cause HHRH disease, wrote program script for statistical analysis of subject parameters; PI: Dr. Clemens Bergwitz

Undergraduate Researcher – Biomedical Engineering, Yale University

May 2015 - August 2015

Researched the redesign of the single-cell secretomic analysis chip for lupus patients; awarded Yale College Freshman Summer Research Fellowship; PI: Dr. Rong Fan

Leadership Experience**Co-founder and Co-president, MedSci**

2012 - 2014

Established science and medicine-related curriculum in elementary schools in New Haven

Co-founder and Co-president, healthyU

July 2015 - Present

Co-founder and Co-president of a community of students working to improve mental and physical wellbeing on campus; co-coordinating campus-wide Happiness Challenge for Yale University

Asian American Cultural Center Peer Liaison, Yale College Dean's Office

April 2015 – April 2016

Selected by Dean's Office to organize programming initiatives based in the Asian American Cultural Center; trained in intercultural relations and facilitating group discussion

Awards and Honors**2016 ASBMR Young Investigator Travel Grant**

2016

*American Society of Bone and Mineral Research***Richard U. Light Fellowship**

2016

*Richard U. Light Foundation, Yale University***Yale College Summer Research Fellowship**

2015

Yale College Dean's Office, Yale University

American Association of University Women (AAUW) Scholarship

2014

AAUW Novi-Northville

High School Honors Science Program Scholar

2014

Michigan State University