Ya-Chen (Lisa) Lin

lisa.lin@vanderbilt.edu

EDUCATION

Vanderbilt University **Nashville, TN**

Biostatistics PhD track *Expected : June 2020*

GPA: 3.896/4.00

University of Washington **Seattle, WA**

Bachelor of Science in Biochemistry *May 2014*

Cum laude, GPA: 3.78/4.00

TECHINICAL SKILLS

COMPUTER: R, STATA, Microsoft Office

WORK AND VOLUNTEER EXPERIENCE

Vanderbilt University **Fall 2016~present**

Graduate Research Assistant-Nasvhille,TN

- Using TCGA cancer database to build predictive models for survivals
- Second part of research focuses on imaging statistical analysis

Koo Foundation Sun Yat-Sen Cancer Center **Summer 2016**

Biostatistician Intern- Taipei, Taiwan

- Use real time microarray data to predict different genes' survival for biomarker scanning
- Focus on immune-checkpoint genes for subtypes in different cancer subtypes for improved diagnosis and treatment

Torii Lab, University of Washington **Spring 2011 to**

Lab manager-Seattle, WA **Summer 2015**

- Research on quantitative phenotypic analysis, published in Nature
- Lab management and supervision of lab assistants
- Promoted to be full-time researchers after graduation

HASSE Space School at NASA **Summer 2014**

Lead Teaching Assistant-Houston, TX

- Classes and events planning for a group of thirty children attending NASA space school
- Hostess for speech by Astronaut Dr. Leroy Chiao to large audience.

HONORS AND AWARDS

- Mary Gates Research Scholarship Award **Winter 2014**
- Dean's list for all school quarters

PRESENTATION AND TALKS

Undergraduate Research Symposium **Summer 2014**

University of Washington, Seattle

- Poster presentation

  Topic: Competitive binding of antagonistic peptides fine-tunes stomatal patterning

Northwest Developmental Biology Conference **Spring 2014**

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Friday Harbor, WA

- Poster presentation

  Topic: Competitive binding of antagonistic peptides fine-tunes stomatal patterning

PUBLICATION

Competitive binding of antagonistic peptides fine-tunes stomatal patterning

JS Lee, M Hnilova, M Maes, YCL Lin, A Putarjunan, SK Han, J Avila, KU Torii

Nature 522 (7557), 439-443

Ventral striatal network connectivity reflects reward learning and behavior in patients with Parkinson's disease: Functional Connectivity and Impulsivity

Petersen K, Van Wouwe N, Stark A, Lin YC, Kang H, Trujillo-Diaz P, Kessler R, Zald D, Donahue MJ, Claassen DO.

Hum Brain Mapp. 2017.