Ching-Lung Hsu

E-mail: chinlung.hsu@duke.edu
Website: https://sites.duke.edu/ch408/
Office: Duke University, Math Department
Room 301, 140 Science Drive, Durham, NC 27708

RESEARCH INTERESTS

Bayesian Nonparametrics, Species/Feature Sampling Models, Mixture Models, Applied Bayesian Modeling

EDUCATION & AWARDS

Ph.D. in Mathematics, Duke University   08/2019 - Present
- Advisor: David Dunson

M.S. in Mathematics, National Tsing Hua University (NTHU), Hsinchu, Taiwan (GPA: 3.99/4.3)   June 2017

- Thesis: "A central limit theorem for the overlaps in disorder chaos SK model"
- Excellent Student Scholarship of College of Science, NTHU, 04/2016
- Hu Dunfu Scholarship, NTHU, 10/2016

B.S. in Mathematics, National Tsing Hua University (NTHU), Hsinchu, Taiwan (GPA: 3.92/4.3)   June 2015

- Academic Achievement Award, Department of Mathematics, NTHU (2/64) 02/2012, (3/64) 02/2013
- Exceptional Teaching Assistant Award, NTHU, 03/2015
- Chao-Liang Shen Memorial Scholarship, NTHU, 05/2015

PROFESSIONAL EXPERIENCE

- Research Assistant at Duke University   01/2022 - 08/2022
- Research Assistant at Duke University   06/2021 - 08/2021
- Research Assistant in Academia Sinica (Taiwan)   08/2018 - 06/2019

FUNDING & GRANTS

- **Member of the research group** of the LIFEPLAN ERC project, funded by the European grants Research Council through a 12.6M€ ERC-synergy grant for the years 2020-2026. Global biodiversity research PI: prof. Tomas Roslin. Statistical research PI: prof. David B. Dunson. Corresponding PI: prof. Otso Ovaskainen.

PRESENTATION

- Contributed Talk in TAGMaC (NC, USA)
- Poster presentation in BNP13 (Chile)   10/2022

CONFERENCE & WORKSHOP

- Triangle Area Graduate Mathematics Conference (TAGMaC, NC, USA)   02/2023
- 13th International Conference on Bayesian Nonparametrics (BNP13, Chile)   10/2022
- LifePlan Annual Meeting (Finland)   09/2022
- International Society Bayesian Analysis 2022 World Meeting (Canada)   06/2022

TEACHING EXPERIENCE

Teaching Assistant (Math 112), Department of Mathematics, DUKE   01/2023- Present

Grader (Math 541), Department of Mathematics, DUKE	08/2022-12/2022
Course Instructor (Math 122L), Department of Mathematics, DUKE	08/2021-12/2021
Course Instructor (Math 122L), Department of Mathematics, DUKE	08/2020-12/2020
Teaching Assistant (Math 212), Department of Mathematics, DUKE	06/2020-08/2020
Teaching Assistant (Math 122L), Department of Mathematics, DUKE	08/2019-12/2019
Teaching Assistant (Mathematical Models in Finance), Department of Mathematics, NTHU	02/2017-06/2017
Teaching Assistant (Calculus), Department of Mathematics, NTHU	09/2014-01/2017
Teaching Assistant (Introduction to mathematics), Department of Mathematics, NTHU	02/2016-06/2016

TRAINING & SKILLS

- Programming: R (Proficient), Python, Matlab (Basic), C (Basic), Rcpp, Armadillo
- Languages: English (Proficient), Mandarin, Taiwanese
- Software: LaTex, Microsoft Office: Excel, PowerPoint, and Word