

Ting-iu (Eunice) Yeh

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EDUCATION

Harvard T.H. Chan School of Public Health (HCSPH), Boston, MA May 2019
Master of Science, Biostatistics
Thesis Advisors: Drs. Keegan Korthauer & Rafael Irizarry

University of North Carolina at Chapel Hill (UNC-CH), Chapel Hill, NC May 2015
Bachelor of Science in Public Health, Biostatistics, *Minor in Mathematics*

WORK EXPERIENCE

Center for Biostatistics in AIDS Research (CBAR), HCSPH July 2015—present
Statistical Analyst/Programmer, Department of Biostatistics
Supervisor: Doug Kitch, MS; Principal Investigator: Michael Hughes, PhD

- Programming statistician for studies involved in the End-Organ Disease and inflammation Transformative Science Group (EOD iTSG) of the AIDS Clinical Trials Group (ACTG) network.
- Responsible for statistical analysis and programming support in all aspects of ACTG studies: monitoring, interim, primary and secondary/exploratory analyses, and dissemination of results.
- Utilizes technical skills in SAS, Microsoft Word, Sublime Text, in both a UNIX and PC environment.

Linnstaedt Lab, UNC-CH School of Medicine August 2014—May 2015
Research Assistant, Department of Anesthesiology
Supervisor: Sarah Linnstaedt, PhD; Principal Investigator: Sam McLean, MD, MPH

- Lead biostatistician on a longitudinal study analyzing the association of microRNAs with PTSD and pain development following trauma exposure.
- Managed two projects aimed at answering hypothesis driven research questions from a bioinformatics and statistical standpoint, along with support from extensive literature searches.
- Wrote the introduction and methods for a manuscript and contributed to the results section with statistical analyses performed in both SAS and R.
- Utilized technical skills in SAS, R, JMP, Microsoft Word, Excel Workbook Functions & Macros, Endnote.

North Carolina State University Tutorial Center, Raleigh, NC January—June 2013
Tutor, Mathematics and Chemistry
Supervisor: Megan Ryals, PhD

- Peer tutor on college level courses including Pre-calculus, Calculus I–III, Molecular and Quantitative Chemistry.
- Trained, credited, and certified as a Level II College Reading & Learning Association Tutor.

PRESENTATIONS

- 2018 DEC 20 “Investigating and adjusting for biases in whole genome bisulfite sequencing (WGBS) data for differential DNA methylation analysis.” HCSPH Biostatistics Master’s Thesis Defense.
- 2018 APR 25 “Application of Quantitative Microbiome Profiling (QMP) on Longitudinal Crohn’s Disease Data from NIH Human Microbiome Project.” HCSPH Genomic Data Manipulation Final Project Presentation.
- 2017 MAR 24 “Sublime Tips & Tricks.” CBAR Friday Programming Training.
- 2017 FEB 03 “The Gut Microbiome in the Setting of HIV Infection.” HCSPH Department of Biostatistics HIV Working Group.
- 2016 DEC 06 “A5350: CDISC Data Capture and Analysis.” CBAR Monthly Full Staff Meeting.
- 2016 APR 06 “Microbiome and HIV 101.” CBAR ACTG EOD iTSG Monthly Section Meeting.

PUBLICATIONS

6. Stein JH, **Yeh E**, Weber JM, Korcarz C, Ridker PM, Tawakol A, Hsue PY, Currier JS, Ribaudo HJ, Mitchell CK. Brachial Artery Echogenicity and Grayscale Texture Changes in HIV-Infected Individuals Receiving Low-Dose Methotrexate. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2018 Nov 11. doi: 10.1161/ATVBAHA.118.311807.
5. Hsue PY, Ribaudo HJ, Deeks SG, Bell T, Ridker PM, Fichtenbaum C, Daar ES, Havlir D, **Yeh E**, Tawakol A, Lederman M, Currier JS, Stein JH. Safety and Impact of Low-Dose Methotrexate on Endothelial Function and Inflammation in Individuals with Treated Human Immunodeficiency Virus: AIDS Clinical Trials Group Study A5314. *Clinical Infectious Diseases*. 2018 Sept 14. doi: 10.1093/cid/ciy781
4. Uday NS, Kitch DW, **Yeh E**, Fichtenbaum CJ, Lederman MM, Estes JD, Deleage C, Magyar C, Nelson SD, Klingman KL, Bastow B, Luque AE, McComsey GA, Douek DC, Currier JS, Lake JE; A5317 AIDS Clinical Trials Group Team. Telmisartan Therapy Does Not Improve Lymph Node or Adipose Tissue Fibrosis More Than Continued Antiretroviral Therapy Alone. *The Journal of Infectious Diseases*. 2018 May 5;217(11):1770-1781. doi: 10.1093/infdis/jiy064.
3. Gupta SK, **Yeh E**, Kitch DW, Brown TT, Venuto CS, Morse GD, Ha B, Melbourne K, McComsey GA. Bone mineral density reductions after tenofovir disoproxil fumarate initiation and changes in phosphaturia: a secondary analysis of ACTG A5224s. *Journal of Antimicrobial Chemotherapy*. 2017 Jul 1;72(7):2042-2048. doi: 10.1093/jac/dkx076.
2. Gupta SK, **Yeh E**, Kitch DW, Brown TT, Venuto CS, Morse GD, Ha B, Melbourne K, McComsey GA. Bone Mineral Density (BMD) Reductions After Tenofovir Disoproxil Fumarate (TDF) Initiation Are Not Associated With Changes in Phosphaturia: A Secondary Analysis of ACTG A5224s. *Open Forum Infectious Diseases, Volume 3, Issue suppl1, 1*. 2016 December;2188. doi: 10.1093/ofid/ofw172.1736.
1. Linnstaedt SD, Walker MG, Parker JS, **Yeh E**, Sons RL, Zimny E, Lewandowski C, Hendry PL, Damiron K, Pearson C, Velilla MA, O’Neil BJ, Jones J, Swor R, Domeier R, Hammond S, McLean SA. MicroRNA circulating in the early aftermath of motor vehicle collision predict persistent pain

development and suggest a role for microRNA in sex-specific pain differences. *Molecular Pain*. 2015 Oct 24;11:66. doi: 10.1186/s12990-015-0069-3.

SERVICE AND LEADERSHIP

Justice and Health, Inc., Boston, MA May 2016—present
Chief Financial Officer/Treasurer, www.justiceandhealth.org

- Non-profit organization aimed to provide healthcare and social services for the poor worldwide.
- Currently focused on combating malnutrition in North Korea to target infectious disease outbreaks associated with poverty, i.e. malaria and tuberculosis epidemics.

Protocol Statisticians and Programmers (PSP), CBAR January 2019—present
Co-chair

- Organize quarterly discussion forums to promote communication among protocol statisticians and programmers that will improve their ability to successfully fulfill their responsibilities, increase the quality of life at work, and enhance job satisfaction.

Hiring Working Group, CBAR January 2019—present
Member

- Promote the work and staff of CBAR externally as well as strategize and implement best practices in the hiring process.
- In charge of photographing and interviewing current CBAR staff for the weekly Instagram posting of “Humans of CBAR” ([@HarvardCBAR](https://www.instagram.com/HarvardCBAR)).

CDISC Modeling Support Committee, CBAR January 2019—present
Representative

- Assist CBAR with the transition to CDISC, with a primary focus on the Study Data Tabulation Model (SDTM) datasets.

CDISC Analysis Data Model (ADaM) Collaborative Group, CBAR January 2017—present
Member

- Gain understanding and skills in the creation of ADaM datasets, as well as provide input to the CBAR programming core with regard to ADaM tools/macros that can be used by CBAR as a whole.

HIV Working Group, HCSPH September 2016—present
Member/Presenter

- Presented on the emerging topic of microbiome in HIV/AIDS research on February 3, 2017.

American Statistical Association, www.amstat.org 2017—present
Member, and featured on [Amstat News](#)

SKILLS

Highly Proficient	English, Mandarin Chinese, SAS, R, Unix
Proficient	Python, \LaTeX
Experienced	Github