

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), Harvard T.H. Chan School of Public Health (HCSPH) July 2015—present
Biostatistician/Manager of Orientation, AIDS Clinical Trials Group (ACTG)
Supervisor: Doug Kitch, MS; Principal Investigator: Michael Hughes, PhD

- Past roles: *Statistical Analyst/Programmer* from July 2015—2019; *Biostatistician II* from July 2019—October 2020.
- 80% time spent as protocol statistician on Phase I-III studies involved in the End-Organ Disease and inflammation Transformative Science Group (EOD iTSG) and Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV) of the ACTG network.
- 20% time spent as orientation manager, responsible for improving and implementing training materials for newly hired biostatisticians (BS, MS, and PhD levels) within 3-4 months of their onboarding.
- Utilizes technical skills in SAS, Microsoft Office, Sublime Text; in both Linux and Windows.

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 analyst 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 reviews.
- Utilized technical skills in SAS, R, JMP, Excel Workbook Functions & Macros, Endnote.

SKILLS

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

SERVICE AND LEADERSHIP

Diversity, Inclusion, and Belonging (DIB) Working Group, CBAR Aug 2020—present
Member

- Provide support for DIB education and best practices within CBAR, across the department, and ultimately at the institutional level.
- Expand community outreach and pipeline to historically underrepresented groups at CBAR.

User Experience (UX) Working Group, CBAR Jan 2020—present
Sublime Lead

- Set-up of CBAR and User configurations for text editors; including across servers.
- Create and present training materials on editors to optimize user experience and workflow efficiency.

Hiring Working Group, CBAR Jan 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 curating content for social outreach and interviewing current CBAR staff to promote for our weekly *Humans of CBAR* page ([@HarvardCBAR](#)).

CDISC Modeling Support Committee, CBAR Jan 2019—Jan 2021
Study Representative

- Assisted 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 Jan 2017—Jan 2019
Member

- Gained understanding and skills in the creation of ADaM datasets, and provided input to the CBAR programming core with regards to ADaM tools/macros that can be utilized across CBAR.

Protocol Statisticians and Programmers (PSP), CBAR Jan 2019—Jan 2020
Co-chair

- Organized 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.

HIV Working Group, HCSPH Sept 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](#)

PRESENTATIONS

- 2022 APR 05 “Post-Acute Sequelae of SARS-CoV-2 (PASC) in Non-Hospitalized ACTIV-2 Trial Participants” CBAR Monthly Full Staff Meeting.
- 2021 MAY 14 “A5400s Effects of Suppressing CMV Replication with Letemovir on Cardiovascular, Metabolic, and Neurologic Outcomes: A Substudy to A5383 (ELICIT)” CBAR Design Review.
- 2021 MAY 04 “Symptom Outcome Measures for Outpatient COVID-19 Phase 3 Treatment Trials” CBAR Monthly Full Staff Meeting.
- 2021 APR 15 “Introduction to Pinnacle 21” CBAR CDISC Collaborative Group Meeting.
- 2020 JUL 07 “Introducing Linux Sublime” CBAR Monthly Full Staff Meeting.
- 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

9. Smith DM, Li JZ, Moser C, **Yeh E**, Currier JS, Chew KW, Hughes MD, and ACTIV-2/A5401 Study Team. Recurrence of Symptoms Following a 2-Day Symptom Free Period in Patients With COVID-19. *JAMA Network Open* 5 (10). 2022. doi: 10.1001/jamanetworkopen.2022.38867.
8. Freeman ML, Claggett BM, Moisi D, **Yeh E**, Morris CD, Ryu A, Rodriguez B, Stein JH, Deeks SG, Currier JS, Hsue PY, Anthony DD, Calabrese LH, Ribaldo HJ, Lederman MM. Methotrexate Inhibits T Cell Proliferation but Not Inflammatory Cytokine Expression to Modulate Immunity in People Living With HIV. *Frontiers in Immunology*. 2022 July 29. doi: 10.3389/fimmu.2022.924718. PMID: 35967371; PMCID: PMC9374564.
7. Presti RM, **Yeh E**, Williams B, Landay A, Jacobson JM, Wilson C, Fichtenbaum CJ, Utay NS, Dube MP, Klingman KL, Flynn JK, Loftin A, Brenchley JM, Andrade A, Kitch DW, Overton ET. A Randomized, Placebo-Controlled Trial Assessing the Effect of VISBIOME ES Probiotic in People With HIV on Antiretroviral Therapy. *Open Forum Infectious Diseases*, Volume 8, Issue 12. 2021 December 7. doi: 10.1093/ofid/ofab550.

6. Hsue PY, Ribaldo 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*. 2019 May 17;68(11):1877-1886. doi: 10.1093/cid/ciy781. PubMed PMID: 30219823; PubMed Central PMCID: PMC6522677.
5. Stein JH, **Yeh E**, Weber JM, Korcarz C, Ridker PM, Tawakol A, Hsue PY, Currier JS, Ribaldo 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.
4. Utay 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 suppl 1, 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, Dameron 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.