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EDUCATION

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| PHD Epidemiology, Vanderbilt University , Nashville, TN | 2020 |
| MA Biostatistics, Boston University , Boston, MA | 2013 |
| BS Mathematics, Murray State University , Murray, KY | 2011 |

POSITIONS

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|---|---|
| ASSISTANT PROFESSOR Department of Biostatistics | 2020-PRESENT University of Kentucky |
| BIostatISTICS CORE COORDINATOR Center for Health Equity Transformation | 2021-PRESENT University of Kentucky |
| SENIOR STATISTICAL ANALYST Division of Cardiovascular Medicine | 2019-2020 Vanderbilt University Medical Center |
| DATABASE ADMINISTRATOR Division of Cardiovascular Medicine | 2016-2019 Vanderbilt University Medical Center |
| RESEARCH ASSOCIATE Framingham Heart Study | 2016 Boston University |
| RESEARCH ASSISTANT Framingham Heart Study | 2013-2015 Boston University |
| LAB INSTRUCTOR Boston University | 2013-2015 Summer Institute for Training in Biostatistics |
| RESEARCH ASSISTANT Long Life Family Study | 2013-2015 Boston University School of Medicine |
| CONSULTANT Office of Institutional Research | 2014 Boston University |
| INSTRUCTOR Boston University | 2014 School of Public Health |
| RESEARCH ASSISTANT Department of Bioinformatics | 2013 Boston University School of Medicine |

RESEARCH ASSISTANT
Department of Endocrinology

2012
Boston University School of Medicine

SUMMER INTERN
Institutional Review Board

2012
Boston University Medical Center

TEACHING

1. FUNDAMENTALS OF GRANT WRITING FOR EPIDEMIOLOGY AND BIostatISTICS SP 2021
Developed and taught this doctoral-level course aimed at providing students with the skillset to write and submit grants for external funding.
2. SURVEY IN BIostatISTICAL METHODS SU 2013, SU 2014, SU 2015
Introduces students to statistical computing in Statistical Analysis Software (SAS) and R using datasets from the Framingham Heart Study and Jackson Heart Study.
3. INTRODUCTION TO STATISTICAL COMPUTING SP 2014, FA 2014
An introductory graduate level course that introduces SAS to analyze public health data.

AWARDS

1. NEW INVESTIGATOR SCHOLARSHIP 2020
Awarded by the Conference on Retroviruses and Opportunistic Infections (CROI) to new investigators in the fields of HIV science and medicine based on quality of abstract, application, and letter of recommendation.
2. PAUL DUDLEY WHITE INTERNATIONAL SCHOLAR - UNITED STATES 2018
Awarded by the American Heart Association at the 2018 Scientific Sessions. This award recognizes authors that contributed to the highest ranked accepted abstract from each country.
3. EARLY CAREER INVESTIGATOR POSTER AWARD - POPULATION SCIENCE 2018
Awarded by the American Heart Association at the 2018 Scientific Sessions to the highest ranked poster presentation by an early career investigator in the population science focus.
4. NIGMS INTERDISCIPLINARY TRAINING GRANT IN BIostatISTICS 2011-2013
Received a two-year training grant which allowed me to focus on coursework and complete four rotations in each of: Ethical Conduct of Research, Clinical Trials, Statistical Genetics, and Bioinformatics.

PROFESSIONAL DEVELOPMENT

- Structural Equation Models and Latent Variables: ICPSR June 21 - July 2, 2021
- Group-Based Trajectory Modeling for the Medical and Social Sciences: ICPSR May 17-21, 2021
- Introduction to Causal Inference: Harvard T.H. Chan School of Public Health June 2-6, 2019
- Statistical Genetics Short Course: University of Colorado Medical Campus September 18-22, 2017
- Using Stata Effectively: Stata Corporation January 25-25, 2017
- Women's Health Initiative Data Training: Fred Hutchinson Cancer Research Center September 9, 2016
- Introduction to Medicare Data for Research: Research Data Assistance Center August 15-17, 2016
- Regression Modeling Strategies: Vanderbilt University May 24-27, 2016

PEER REVIEW ACTIVITIES

- *Journal of the American Heart Association*, Statistical Reviewer 2020-PRESENT
- *Chronobiology International*, Reviewer 2021
- *Metabolism*, Reviewer 2019
- *Annals of the American Thoracic Society*, Reviewer 2019
- *BMJ Open*, Reviewer 2019
- *Journal of Women's Health*, Reviewer 2019

UNIVERSITY SERVICE

- PhD Program Oversight Committee: University of Kentucky, Department of Biostatistics 2020-PRESENT
- PhD Comprehensive Exam Committee: University of Kentucky, Department of Biostatistics 2020
- Biostatistics Student Association Vice President: Boston University, Department of Biostatistics 2013-2015
- Biostatistics Student Association Treasurer: Boston University, Department of Biostatistics 2012-2013

PRESENTATIONS - AS PRESENTER

1. Impact of Including Smoking Duration Data in Atherosclerotic Cardiovascular Disease Risk Estimation. 2020 American Heart Association Scientific Sessions. Virtual. (ePoster).
2. HIV as a Risk Factor for Incident Pulmonary Hypertension. 2020 Conference on Retroviruses and Opportunistic Infections. Boston, Massachusetts. (ePoster).
3. Confounding and Mediation of the Association between Psychological Attitudes and Type 2 Diabetes Risk among Postmenopausal Women. 2019 American Heart Association Scientific Sessions, Philadelphia, Pennsylvania. (Poster).
4. Lifetime Smoking and Risk of CVD and Lung Cancer. September 2019 Pizza and Pilots Meeting, University of Kentucky. (Oral).
5. Epidemiology and Biostatistics: Using Math to Improve Health without Touching Blood. 2019 Jesse D. Jones Lecture, Murray State University. (Oral).
6. Lifetime History of Smoking Cessation and the Risk of Cardiovascular Disease: Prospective Results from the Framingham Heart Study. 2018 American Heart Association Scientific Sessions, Chicago, Illinois. (Poster).
7. Trajectories of Blood Lipid Concentrations Over the Adult Life Course and Risk of Cardiovascular Disease and All-Cause Mortality. 2018 American Heart Association Scientific Sessions, Chicago, Illinois. (Poster).
8. An Introduction to Splines. February 2018 Veterans Aging Cohort Study Statistical Working Group Meeting, Webinar. (Oral).
9. Lifetime History of Smoking Cessation and the Risk of Lung Cancer: Prospective Results from the Framingham Heart Study Original and Offspring Cohorts. 2017 Society for Research on Nicotine and Tobacco Annual Meeting, Florence, Italy. (Poster).
10. Burden of Disease Variants in Participants of the Long Life Family Study. 2014 Annual Genome Science Institute Research Symposium, Boston University. (Poster).

CURRENT FUNDING

| Grant Number | Title | Funder | Role | Years |
|----------------|--|--------|--------------|--------------|
| Internal Funds | Biostatistical Support in Cardiovascular Research | CVRPA | PI | 2020-PRESENT |
| | Oversee a team of analysts to complete statistical analyses for ongoing projects within the Cardiovascular Research Priority Area (CVRPA) | | | |
| R01HL146588 | Clinical, Genetic, and Proteomic Risk Factors for Pulmonary Hypertension in Heart Failure | NHLBI | Statistician | 2019-2021 |
| | This project undertakes epidemiologic, genetic, and proteomic studies of pulmonary pressure in large electronic health record cohorts to better understand the determinants of pulmonary pressure and associated outcomes. | | | |
| 18SFRN3397001 | Clinical and Genetic Determinants of Peripheral Artery Disease, Microvascular Disease, and Major Adverse Limb Outcomes | AHA | Statistician | 2018-2021 |
| | This is the population project within the AHA Strategically Focused Vascular Research Network Center at Vanderbilt University Medical Center. This project aims to understand the epidemiology and genetic architecture of peripheral artery disease and microvascular disease related to the risk of major adverse limb events. | | | |

PRIOR FUNDING

| Grant Number | Title | Funder | Role | Years |
|--------------|---|--------|--------------|-----------|
| R01HL129856 | Protein Biomarkers for CVD Prediction in HIV-Infected and Uninfected Veterans | NHLBI | Statistician | 2016-2020 |
| | Using the VACS biomarker cohort, the goals of this project are to: 1) discover a broad range of protein biomarkers using SOMAscan technology to predict CVD and mortality events; 2) identify a small multi-protein panel of biomarkers among HIV+ individuals to predict cardiovascular outcomes and mortality events; and 3) determine whether an optimal combination of proteins in a panel derived in Aim 2 can improve on the prognostic performance of existing models based on traditional risk factors. | | | |
| R01HL125032 | Immune Function and the Risk of CVD Among HIV Infected and Uninfected Veterans | NHLBI | Statistician | 2016-2019 |
| | This study will leverage the Veterans Aging Cohort Study (VACS) biomarker cohort, a longitudinal, prospective observation cohort of 1525 HIV+ and 853 HIV- Veterans. We propose to measure immune cell types and subsets from existing cryopreserved cells collected in 2005-2006 and (2) to adjudicate CVD events (i.e., acute myocardial infarction, coronary heart disease, ischemic stroke, heart failure, and CVD death) from 2005-2018. | | | |
| R01HL126555 | Cardiac Pathology and Risk Prediction For Sudden Cardiac Death in Patients with HIV | NHLBI | Statistician | 2016-2019 |
| | This study will leverage the VACS virtual cohort to examine the association between HIV and sudden cardiac death and to assist with the construction of a sudden cardiac death tool for risk prediction. | | | |

PEER REVIEWED ARTICLES

WRITING IN PROGRESS

1. **Duncan, M. S.**, Jaworski, J., Greevy, R. A., Lipworth, L., Vasan, R. S., Freiberg, M. S., Tindle, H. A., Aldrich, M. C. Interaction between Smoking Habits and Polygenic Risk Score and Impact on Lung Cancer Risk.
2. **Duncan, M. S.**, Freiberg, M. S., Liu, S., Kuller, L., Li, J., Shadyab, A. H., Hunter, J., Rosal, M. C., Luo, J., Tindle, H. A. Examining Confounders and Mediators of the Association between Psychological Attitudes and Diabetes Risk in Postmenopausal Women.

3. **Duncan, M. S.**, Greevy, R. A., Robbins, N. N., Wernke, S. A., Jackson, S., Beatty, A. L., Thomas, R. J., Whooley, M. A., Freiberg, M. S., Bachmann, J. M. Geographic Variation in Cardiac Rehabilitation Access.

UNDER REVIEW

1. **Duncan, M. S.**, Greevy, R. A., Tindle, H. A., Ramachandran, V. S., Lipworth, L., Aldrich, M. C., Lloyd-Jones, D. M., Freiberg, M. S. Inclusion of Smoking Data in Cardiovascular Disease Risk Estimation.
2. Aday, A. W., **Duncan, M. S.**, Patterson, O. V., Alcorn, C. W., Wells, Q. S., Beckman, J. A., Freiberg, M. S. Sex, Race, and Incident Peripheral Artery Disease: New Insights Among 75,169 Veterans with Normal Baseline Ankle-Brachial Indices.
3. Yola, I. M., Moser, C. *, **Duncan, M. S. ***, Schwedhelm, E., Atzler, D., Maas, R., Hannemann, J., Boeger, R. H., Vasan, R. S., Xanthakis, V. Associations of Circulating Dimethylarginines with the Metabolic Syndrome in the Framingham Offspring Study.

ACCEPTED

1. Freiberg, M. S., **Duncan, M. S.**, Alcorn, C., Chang, C., Kundu, S., Mumpuni, A., Smith, E., Loch, S., Bedigian, A., Vittinghoff, E., So-Armah, K., Hsue, P., Justice, A. C., Tseng, Z. H. HIV Infection and the Risk of World Health Organization-defined Sudden Cardiac Death. *Journal of the American Heart Association*

PUBLISHED

1. **Duncan, M. S.**, Alcorn, C. W., Freiberg, M. S., So-Armah, K., Patterson, O. V., DuVall, S. L., Crothers, K. A., Lo Re, V., Butt, A. A., Lim, J. K., Kim, J. W., Tindle, H. A., Justice, A. C., & Brittain, E. L. (2021). Association between hiv and incident pulmonary hypertension in us veterans: a retrospective cohort study. *The Lancet Healthy Longevity*.
URL <https://www.sciencedirect.com/science/article/pii/S2666756821001161>
2. Zola, C. E.*, **Duncan, M. S.***, So-Armah, K., Crothers, K. A., Butt, A. A., Gibert, C. L., Kim, J. W. W., Lim, J. K., Re, V. L., Tindle, H. A., Freiberg, M. S., & Brittain, E. L. (2020). HIV- and HCV-specific markers and echocardiographic pulmonary artery systolic pressure among United States veterans. *Scientific Reports*, 10(1).
URL <https://pubmed.ncbi.nlm.nih.gov/33127959/>
3. Zifodya, J. S., **Duncan, M. S.**, So-Armah, K. A., Attia, E. F., Akgün, K. M., Rodriguez-Barradas, M. C., Marconi, V. C., Budoff, M. J., Bedimo, R. J., Alcorn, C. W., Hoo, G. W. S., Butt, A. A., Kim, J. W., Sico, J. J., Tindle, H. A., Huang, L., Tate, J. P., Justice, A. C., Freiberg, M. S., & Crothers, K. (2020). Community acquired pneumonia and risk of cardiovascular events in people living with hiv. *Journal of the American Heart Association*, 9(23), e017645.
URL <https://www.ahajournals.org/doi/abs/10.1161/JAHA.120.017645>
4. Walker, M. E., Xanthakis, V., Peterson, L. R., **Duncan, M. S.**, Lee, J., Ma, J., Bigornia, S., Moore, L. L., Quatromoni, P. A., Vasan, R. S., & Jacques, P. F. (2020). Dietary Patterns, Ceramide Ratios, and Risk of All-Cause and Cause-Specific Mortality: The Framingham Offspring Study. *The Journal of Nutrition*.
URL <https://academic.oup.com/jn/advance-article/doi/10.1093/jn/nxaa269/5906635>
5. Hu, J.-R., **Duncan, M. S.**, Morgans, A. K., Brown, J. D., Meijers, W. C., Freiberg, M. S., Salem, J.-E., Beckman, J. A., & Moslehi, J. J. (2020). Cardiovascular effects of androgen deprivation therapy in prostate cancer. *Arterioscler Thromb Vasc Biol*, (pp. ATVBAHA119313046–ATVBAHA119313046)

*Equal contribution

6. Cresci, S., Zhang, R., Yang, Q., **Duncan, M. S.**, Xanthakis, V., Jiang, X., Vasani, R. S., Schaffer, J. E., & Peterson, L. R. (2020). Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations
7. Kim, E. S., Tindle, H. A., Kubzansky, L. D., Liu, S., **Duncan, M. S.**, Manson, J. E., Springfield, S., Salmoirago-Blotcher, E., Shadyab, A. H., Liu, B., Grodstein, F., & DeVivo, I. (2019). The Relation of Optimism to Relative Telomere Length in Older Men and Women. *Psychosomatic Medicine*, (p. 1).
URL <http://journals.lww.com/10.1097/PSY.0000000000000764>
8. McGrath, E. R., Himali, J. J., Xanthakis, V., **Duncan, M. S.**, Schaffer, J. E., Ory, D. S., Peterson, L. R., DeCarli, C. S., Pase, M. P., Satizabal, C. L., Vasani, R. S., Beiser, A. S., & Seshadri, S. (2019). Plasma Ceramides and Risk of Dementia. *Alzheimer's & Dementia*, 15(7), P1033
9. Patel, D. K., **Duncan, M. S.**, Shah, A. S., Lindman, B. R., Greevy, R. A., Savage, P. D., Whooley, M. A., Matheny, M. E., Freiberg, M. S., & Bachmann, J. M. (2019). Association of Cardiac Rehabilitation with Decreased Hospitalization and Mortality Risk after Cardiac Valve Surgery. *JAMA Cardiology*, (pp. E1–E10)
10. Nwabuo, C. C., **Duncan, M. S.**, Xanthakis, V., Peterson, L. R., Mitchell, G. F., McManus, D., Cheng, S., & Vasani, R. S. (2019). Association of Circulating Ceramides With Cardiac Structure and Function in the Community: The Framingham Heart Study. *Journal of the American Heart Association*, 8(19).
URL <https://www.ahajournals.org/doi/10.1161/JAHA.119.013050>
11. **Duncan, M. S.**, Freiberg, M. S., Jr, R. A. G., Kundu, S., Vasani, R. S., & Tindle, H. A. (2019a). Association of Smoking Cessation With Subsequent Risk of Cardiovascular Disease. *Journal of the American Medical Association*, 322(7), 642–650

Selected Media Coverage

- *Cardiology Consultant Podcast*: Meredith Duncan on CVD Risk After Smoking Cessation
 - *Boston Globe*: Want your heart to recover from smoking? The sooner you quit, the better, researchers say
 - *WebMD*: It Takes Years for Heart to Recover from Smoking
 - *AJMC*: Smoking Cessation Found to Lower Risk of Cardiovascular Disease
12. Beckman, J. A., **Duncan, M. S.**, Damrauer, S. M., Wells, Q. S., Barnett, J. V., Wasserman, D. H., Bedimo, R. J., Butt, A. A., Marconi, V. C., Sico, J. J., Tindle, H. A., Bonaca, M. P., Aday, A. W., & Freiberg, M. S. (2019). Microvascular Disease, Peripheral Artery Disease and Amputation. *Circulation*, (p. CIRCULATIONAHA.119.040672).
URL <https://www.ahajournals.org/doi/10.1161/CIRCULATIONAHA.119.040672>
 13. Kaess, B. M., Andersson, C., **Duncan, M. S.**, Larson, M. G., Aasbjerg, K., Gislason, G. H., Torp-Pedersen, C., & Vasani, R. S. (2019). Familial Clustering of Cardiac Conduction Defects and Pacemaker Insertion. *Circulation: Arrhythmia and Electrophysiology*, 12(7), 1–9.
URL <https://www.ahajournals.org/doi/10.1161/CIRCEP.119.007150>
 14. **Duncan, M. S.**, Vasani, R. S., & Xanthakis, V. (2019b). Trajectories of Blood Lipid Concentrations Over the Adult Life Course and Risk of Cardiovascular Disease and All-Cause Mortality: Observations From the Framingham Study Over 35 Years. *Journal of the American Heart Association*, 8(11).
URL <https://www.ahajournals.org/doi/10.1161/JAHA.118.011433>
 15. Tindle, H. A., **Duncan, M. S.**, Greevy, R. A., Vasani, R. S., Kundu, S., Massion, P. P., & Freiberg, M. S. (2018a). Lifetime Smoking History and Risk of Lung Cancer: Results From the Framingham Heart Study. *Journal of the National Cancer Institute*, 110(11), 1201–1207

16. Peterson, L. R., Xanthakis, V.*, **Duncan, M. S.***, Gross, S., Friedrich, N., Völzke, H., Felix, S. B., Jiang, H., Sidhu, R., Nauck, M., Jiang, X., Ory, D. S., Dörr, M., Vasani, R. S., & Schaffer, J. E. (2018). Ceramide remodeling and risk of cardiovascular events and mortality. *Journal of the American Heart Association*, 7(10)
17. Marconi, V. C., **Duncan, M. S.**, So-Armah, K., Lo Re, V., Lim, J. K., Butt, A. A., Goetz, M. B., Rodriguez-Barradas, M. C., Alcorn, C. W., Lennox, J., Beckman, J. A., Justice, A., & Freiberg, M. (2018). Bilirubin is inversely associated with cardiovascular disease among HIV-positive and HIV-negative individuals in VACS (Veterans Aging Cohort Study). *Journal of the American Heart Association*, 7(10), 1–12
18. Beckman, J. A., **Duncan, M. S.**, Alcorn, C. W., So-Armah, K., Butt, A. A., Goetz, M. B., Tindle, H. A., Sico, J. J., Tracy, R. P., Justice, A. C., & Freiberg, M. S. (2018). Association of human immunodeficiency virus infection and risk of peripheral artery disease. *Circulation*, 138(3), 255–265
19. Bachmann, J. M., **Duncan, M. S.**, Shah, A. S., Greevy, R. A., Lindenfeld, J. A., Keteyian, S. J., Thomas, R. J., Whooley, M. A., Wang, T. J., & Freiberg, M. S. (2018a). Association of Cardiac Rehabilitation With Decreased Hospitalizations and Mortality After Ventricular Assist Device Implantation. *JACC: Heart Failure*, 6(2), 130–139
20. Nayor, M., **Duncan, M. S.**, Musani, S. K., Xanthakis, V., LaValley, M. P., Larson, M. G., Fox, E. R., & Vasani, R. S. (2018). Incidence of cardiovascular disease in individuals affected by recent changes to US blood pressure treatment guidelines. *Journal of Hypertension*, 36(2), 436–443.
URL <http://insights.ovid.com/crossref?an=00004872-201802000-00029>
21. Brittain, E. L., **Duncan, M. S.**, Chang, J., Patterson, O. V., DuVall, S. L., Brandt, C. A., So-Armah, K. A., Goetz, M., Akgun, K., Crothers, K., Zola, C., Kim, J., Gibert, C., Pisani, M., Morris, A., Hsue, P., Tindle, H. A., Justice, A., & Freiberg, M. (2018). Increased echocardiographic pulmonary pressure in HIV-infected and -uninfected individuals in the veterans aging cohort study. *American Journal of Respiratory and Critical Care Medicine*, 197(7), 923–932
22. Wells, Q. S., Freiberg, M. S., Greevy, R. A., Tyndale, R. F., Kundu, S., **Duncan, M. S.**, King, S., Abney, L., Scoville, E., Beaulieu, D. B., Gatskie, V., & Tindle, H. A. (2018). Nicotine metabolism-informed care for smoking cessation: A pilot precision RCT. *Nicotine and Tobacco Research*, 20(12), 1489–1496
23. Bachmann, J. M., Shah, A. S., **Duncan, M. S.**, Greevy, R. A., Graves, A. J., Ni, S., Ooi, H. H., Wang, T. J., Thomas, R. J., Whooley, M. A., & Freiberg, M. S. (2018b). Cardiac rehabilitation and readmissions after heart transplantation. *Journal of Heart and Lung Transplantation*, 37(4), 467–476.
URL <http://dx.doi.org/10.1016/j.healun.2017.05.017>
24. Tindle, H. A., **Duncan, M. S.**, Liu, S., Kuller, L. H., Fugate Woods, N., Rapp, S. R., Kroenke, C. H., Coday, M., Loucks, E. B., Lamonte, M. J., Progovac, A. M., Salmoirago-Blotcher, E., Walitt, B. T., Yuo, N. C. Y., & Freiberg, M. S. (2018b). Optimism, pessimism, cynical hostility, and biomarkers of metabolic function in the Women’s Health Initiative. *Journal of Diabetes*, 10(6), 512–523
25. Spartano, N. L., **Stevenson, M. D.**, Xanthakis, V., Larson, M. G., Andersson, C., Murabito, J. M., & Vasani, R. S. (2017). Associations of objective physical activity with insulin sensitivity and circulating adipokine profile: the Framingham Heart Study. *Clinical Obesity*, 7(2), 59–69
26. Sebastiani, P., Andersen, S. L., McIntosh, A. I., Nussbaum, L., **Stevenson, M. D.**, Pierce, L., Xia, S., Salance, K., & Perls, T. T. (2016). Familial Risk for Exceptional Longevity. *North American Actuarial Journal*, 20(1), 57–64.
URL <http://www.tandfonline.com/doi/full/10.1080/10920277.2015.1061946>
27. **Stevenson, M.**, Bae, H., Schupf, N., Andersen, S., Zhang, Q., Perls, T., & Sebastiani, P. (2015). Burden of disease variants in participants of the long life family study. *Aging*, 7(2), 123–132

28. **Stevenson, M., & Porter, J. E.** (2009). Fuzzy Time Series Forecasting Using Percentage Change as the Universe of Discourse. *World Academy of Science, Engineering and Technology*, 55(7), 154–157

PROFESSIONAL SOCIETIES

- American Heart Association 2018-PRESENT
- American Statistical Association 2013-2017; 2021-PRESENT

VOLUNTEER WORK

- COVID-19 VACCINATION CLINIC Lexington, KY · 2021
Worked in the registration section at the University of Kentucky COVID-19 vaccination site · Ensured that patients had an existing appointment on the given date · Administered screening questions to assess for potential adverse reactions.
- SEXUAL ASSAULT CENTER MEDICAL ACCOMPANIMENT Nashville, TN · 2018-2020
Take regular on-call shifts · Provide survivors with emotional support and reference material on services provided by the Sexual Assault Center · Aid survivors in making decisions regarding after-hospital plans · Explain the process of the medical legal examination.
- UPWARD BOUND Boston, MA · 2014
Taught high school students about biostatistics through activities in statistics, clinical trials, genetics, and epidemiology.

*Equal contribution