

Abisola E. Idu (Mary A. Akosile)

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BIOGRAPHICAL INFORMATION

Abisola E. Idu, M.P.H, M.S.

Collaborative Biostatistician

Biostatistics Unit

Kaiser Permanente Washington Health Research Institute (KPWHRI)

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1. QUALIFICATION SUMMARY

- 5+ years' experience in study designs, sample size calculations, SAP creation and review, protocol reviewing, and report writing (e.g., grant proposals, abstracts, and manuscripts)
- Proficient in statistical computing: 8+ years' experience in EPI Info, STATA, R, SAS, SPSS, 4+ years' experience in Power Analysis Software (PASS), Python, MySQL, Advanced MS Excel, Tableau Software

2. EDUCATION & TRAINING

UTHealth School of Public Health, Houston, TX

M.S., Biostatistics (2017); M.P.H, Epidemiology (2016)

The University of Texas MD Anderson Cancer Center, Houston, TX

Fellow, Cancer Prevention Research Training Program (06/2015–08/2015)

Wesleyan College, Macon, GA

B.A., Biology and Mathematics (2014)

3. PROFESSIONAL POSITIONS

01/2018–Present **Biostatistician I**, Kaiser Permanente Washington, Seattle, WA

02/2015–08/2017 **Research Assistant**, Department of Leukemia, The University of Texas MD Anderson Cancer Center, Houston, TX

01/2012–06/2012 **Medical Assistant**, Caduceus Occupational Medicine, Macon, GA

4. PROFESSIONAL MEMBERSHIPS

2021 – present Kaiser Permanente African American Professional Association (KPAAPA)

2017 – present American Statistical Association (ASA)

2017 – present American Public Health Association (APHA)

2015 – 2017 American Society of Hematology (ASH)

2014 – 2016 Student Epidemic Intelligence Society (SEIS)

5. ORGANIZATIONAL SERVICE

07/2021 Guest Speaker, Washington Alliance for Better Schools (WABS), 21st Century Skills in Healthcare

2020 – 2021 Faculty Coordinator, KPWHRI Kaiser Permanente African American Professional Association (I-KPAAPA)

2020 – 2021 Community Service Lead, KPWHRI Kaiser Permanente African American Professional Association (I-KPAAPA)

2020 – 2021 Member, Equity Team Committee

2019 – 2021 Member, KPWHRI High School Day Planning Committee

2018 – 2021 Facilitator, Biostatistics Peer Mentoring Group Meetings

2019 - 2021 Presenter, KPWHRI's UW Health Services PhD Student Visit Day
04/2018 Member, KPWHRI's Faculty Retreat Program Fun Committee
03/2018 Guest Speaker, University of Washington Biostatistics Student Seminar

6. PROFESSIONAL BIBLIOGRAPHY

PUBLICATIONS

1. Avalos LA., Neugebauer RS., Nance N., Badon SE., Cheetham CT., Easterling TR., Reynolds K., Idu A., Bider-Canfield, Z., Holt VL., Dublin S. Threshold for treating mild-to-moderate hypertension during pregnancy and maternal and neonatal outcomes: a retrospective cohort study. Pharmacotherapy. Accepted in January 2023
2. Glass, J.E., Dorsey, C.N., Beatty, T., Bobb, J.F., Wong, E.S., Palazzo, L., King, D., Mogk, J., Stefanik-Guizlo, K., **Idu, A.**, Key, D., Fortney, J.C., Thomas, R., Garza McWethy, A., Caldeiro, R.M., Bradley, K.A. Study protocol for a factorial-randomized controlled trial evaluating the implementation, costs, effectiveness, and sustainment of digital therapeutics for substance use disorder in primary care (DIGITS Trial). Implementation Science. Accepted in January 2023.
3. Cheetham CT., Easterling TR., Shortreed SM., Holt VL., Avalos LA., Portugal C., Zhou H., Reynolds K., Neugebauer RS., Bider Z., **Idu A.**, Dublin S. Are measured blood pressure in electronic medical records useful for identification of hypertension in pregnancy. Frontiers in Cardiovascular Medicine. Accepted in October 2022.
4. Coley YR., Smith JJ., Karliner L., **Idu AE.**, Lee SJ., Fuller S., Lam R., Barnes DE., Dublin S. (2022, July). External validation of the eradar risk score for detecting undiagnosed dementia in two real-world healthcare systems. Journal of General Internal Medicine. 1-10.
5. Dublin S, **Idu A**, Avalos LA, Cheetham TC, Easterling TR, Chen L, Holt VL, Nance N, Bider-Canfield Z, Neugebauer RS, Reynolds K, Badon SE, Shortreed SM. Maternal and neonatal outcomes of antihypertensive treatment in pregnancy: a retrospective cohort study. PLOS One 2022, in press.
6. Braciszewski JM., **Idu AE.**, Bobbi Jo Yarborough BJ., et al. Psychiatric and other substance use disorders among men and women diagnosed with oud in primary care. Psychiatric Services. Accepted in March 2022.
7. Shortreed SM., Gray R., **Akosile M.**, Walker RL., Temposky L., Fuller S., Fortmann SP, Albertson-Junkans L., Floyd JS., Bayliss EA., Harrington LB., Lee MH., Dublin S. (2021, January). Increased covid-19 infection risk drives racial and ethnic disparities in severe covid-19 outcomes. Journal of Racial and Ethnic Health Disparities. 1-11.
8. Pocobelli GS., **Akosile MA.**, Hansen RN., Eavey J., Wellman RD., et al. (2021, July). Obstructive sleep apnea and risk of motor vehicle accident. Sleep Medicine. 85, 196-203.
9. Bagley SM., Chavez L., Braciszewski J., **Akosile M.**, et al. (2021, July). Receipt of medications for oud among youth engaged in pc: data from six health systems. Addiction Science & Clinical Practice, ASCP Receipt of medications for opioid use disorder among youth engaged in primary care: data from 6 health systems. Addiction Science & Clinical Practice. 46 (16).
10. Tsui, J.I., **Akosile, M.A.**, Lapham, G.T. et al. (2021, February). Prevalence and medication treatment of opioid use disorder among primary care patients with hepatitis c and hiv. Journal of General Internal Medicine. 36, 930-937.
11. Penfold RB., Thompson EE., Hilt RJ., Kelleher KJ., Schwartz N., Beck A., Yarborough BJH., Coley RY., **Akosile MA.**, Vitiello B., Simon GE (2020, December). Safer use of antipsychotics in youth (SUAY) pragmatic trial Protocol. Contemporary Clinical Trials. 99(106184).

12. Tasker E., Roman G., **Akosile M.**, Mayes C., Hughes S., LaRue B. (2020, March). Efficacy of “touch” DNA recovery and room-temperature storage from assault rifle magazines. *Legal Medicine*. 43(101658).
13. Chen L., Shortreed M., Easterling T., Cheetham C., Reynolds K., Avalos A., Kamineni A., Holt V., Neugebauer R., **Akosile M.**, Nance N., Bider-Canfield Z., Walker L., Badon E., Dublin S. (2020, January). Identifying hypertension in pregnancy using electronic medical records: The importance of blood pressure values. *Pregnancy Hypertension*. 19, 112-118.
14. Boddu P, Gurguis C., Cortes J., **Akosile M.**, Ravandi F., Sanford D., Brandt M., Rita Maduiké, Kadia T., Kantarjian H., Borthakur G. (2018, December). Response kinetics and factors predicting survival among patients with core binding factor (CBF) acute myeloid leukemia (AML). *Leukemia*. 32(12), 2698-2701.
15. **Akosile, M.**, Zhu H., Zhang S., Johnson N., Lai D., and Zhu H. Reassessing the effectiveness of right heart catheterization (rhc) in the initial care of critically ill patients using targeted maximum likelihood estimation. (2018, July). *International Journal of Clinical Biostatistics and Biometrics*. 4(1), 1-4.
16. Boddu, P., Garcia-Manero, G., Ravandi, F., Borthakur, G., Jabbour, E., DiNardo, C., Jain, N., Daver, N., Pemmaraju, N., Anderlini, P., Parmar, S., Devendra, KC., **Akosile, M.**, Pierce, S., Champlin, R., Cortes, J., Kantarjian, H., Kadia T. (2017, August). Clinical outcomes in adult patients with aplastic anemia – a single institution experience. *American Journal of Hematology*. 92, 1295-1302.
17. Yu, L., Tu, M., Cortes, J., Xu-Monette, Z. Y., Miranda, R. N., Zhang, J., Orlowski, R. Z., Neelapu, S., Boddu, P. C., **Akosile, M.**, Uldrick, T. S., Yarchoan, R., Medeiros, L. J., Li, Y., Fajgenbaum, D. C., Young, K. H. (2017, January). Clinical and pathological characteristics of HIV- and HHV-8-negative castleman disease. *Blood*. 129(12), 1658-1668.

ABSTRACTS

1. Bradley KA, Bobb JF, Matthews AG, Boudreau DM, Wartko PD, McCormack J, Liu DS, Campbell CI, Lee AK, Samet JA, Labelle CT, Addis M, Yu O, **Idu A**, Qiu H, Hyun N, Glass JE, Caldeiro R, Arnsten J, Cunningham C, Braciszewski JM, Loree A, Stotts A, Zare M, Szapocznik J, Horigian V, Murphy MT, Saxon AJ. PROUD Trial Main Results: A Pragmatic Implementation Trial Testing the Massachusetts Model of Nurse Collaborative Care for Opioid Use Disorder. International Network on Brief Interventions for Alcohol Problems (INEBRIA) 18th Annual Conference. Edinburgh, Scotland, United Kingdom. September 21-23, 2022.
2. Hansen RN., Pocobelli G., Eavey J., **Akosile M.**, Wellman R., Johnson R., Bron M., Carls G., Dublin S. Obstructive Sleep Apnea and Risk of Motor Vehicle Accidents. [Psych Congress abstract]. Poster presented at: Psych Congress, September 10-13, 2020, Virtual Meeting. Retrieved from <https://www.psychcongress.com/posters/obstructive-sleep-apnea-and-risk-motor-vehicle-accidents>
3. Dublin S., **Akosile M.**, Avalos LA., Cheetham CT., Easterling TR., Lu Chen L., Nance N., Bider-Canfield Z., Victoria L Holt VL., Neugebauer RS., Kristi Reynolds K., Badon SE., Shortreed SM. (2020, September). Comparing maternal and neonatal outcomes with use of different antihypertensive medications in pregnancy. International Conference on Pharmacoepidemiology.
4. Carls G., Hansen RN., Pocobelli G., Eavey J., **Akosile MA.**, Wellman RD., Johnson RL., Bron M., Dublin S. Obstructive Sleep Apnea and Risk of Motor Vehicle Accident. [ATS abstract B69]. *Am J Respir Crit Care Med*. 2020;201: A4134. Poster presented at: American Thoracic Society annual

meeting, August 5-10, 2020, Virtual Meeting. Retrieved from https://doi.org/10.1164/ajrccm-conference.2020.201.1_MeetingAbstracts.A4134

5. Dublin S., **Akosile M.**, Chen L., Avalos A., Cheetham C., Easterling R., Holt L., Badon E., Neugebauer S., Reynolds K., Walker L., Shortreed M. (2019, August). Does the type of antihypertensive medication used in pregnancy affect risk of pre-eclampsia? *International Society for Pharmacoepidemiology*.
6. Chen L., Shortreed M., Easterling T., Cheetham C., Reynolds K., Avalos A., Kamineni A., Holt V., Neugebauer R., **Akosile M.**, Nance N., Bider-Canfield Z., Albertson-Junkans H., Walker L., Badon E., Dublin S. (2019, April). Algorithms to identify hypertension in pregnancy using electronic medical records: the importance of blood pressure values. *International Symposium on Diabetes, Hypertension and Metabolic Syndrome and Pregnancy conference*.
7. Chen L., Easterling T., Cheetham C., Reynolds K., Avalos L., Holt V., Neugebauer R., Shortreed S., **Akosile M.**, Kamineni A., Walker R., Badon S., and Dublin S. (2018, December). Using blood pressure values from electronic medical records to identify hypertension during pregnancy. *Hypertension*. 72, A119. Retrieved from https://doi.org/10.1161/hyp.72.suppl_1.119
8. Chamoun, K., Kantarjian, H., **Akosile, M.**, Assi, R., Ravandi, F., Borthakur, G., Garcia-Manero, G., Kadia, T., Konopleva, M., Estrov, Z., DiNardo, C., Daver, N., Pemmaraju, N., Ferrajoli, A., Burger, J., Wierda, W., Jabbour, E., Cortes, J. (2017, December). Long-term outcome of cml patients treated with second-generation tyrosine kinase inhibitors in the second line: A single center experience. *Blood*. 130(1), 1594. Retrieved from <https://ashpublications.org/blood/article/130/Supplement%201/1594/79828/Long-Term-Outcome-of-CML-Patients-Treated-with?searchresult=1>
9. Abdelall, W.*, Kantarjian, H, Devendra, K. C.*, **Akosile, M.**, Borthakur, G., Verstovsek, S., Daver, N., Pemmaraju, N., Naqvi, K., Garcia-Manero, G., Thompson, P., Ferrajoli, A., Ravandi, F., Konopleva, M., DiNardo, C., Jabbour, E., Cortes, J. (2017, August). Outcome after discontinuation of second-generation tyrosine kinase inhibitors (TKIs) used as frontline therapy for patients (pts) with chronic phase (CP) chronic myeloid leukemia. *Blood*. 130(1), 5248. Retrieved from <https://ashpublications.org/blood/article/130/Supplement%201/5248/81264/Outcome-after-Discontinuation-of-Second-Generation?searchresult=1>
10. Yilmaz, M.*, Devendra, K. C.*, **Akosile, M.**, Khoury, J., Short, N. J., Cortes, J., Garcia-Manero, G., Ravandi, F., Kadia, T., Sasaki, K., Konopleva, M., Wierda, W., Jain, N., Verstovsek, S., Estrov, Z., Pierce, S., Garris, R., O'Brien, S., Jabbour, E., Kantarjian, H. (2017, August). The prognostic significance of translocation (1;19) in adult patients (pts) with B-cell acute lymphoblastic leukemia. *Blood*. 130(1), 2712. Retrieved from <https://ashpublications.org/blood/article/130/Supplement%201/2712/80274/The-Prognostic-Significance-of-Translocation-1-19?searchresult=1>
11. Khan, M., Kantarjian, H., **Akosile, M.**, Borthakur, G., Jain, N., DiNardo, C., Wierda, W., Ravandi, F., Garcia-Manero, G., Konopleva, M., Kadia, T., Pemmaraju, N., Thompson, P., Daver, N., Jabbour, E., Cortes, J. (2017, August). Response and outcomes of third-line tyrosine kinase inhibitor therapy in patients with chronic phase chronic myeloid leukemia. *Blood*. 130(1), 2882. Retrieved from <https://ashpublications.org/blood/article/130/Supplement%201/2882/80760/Response-and-Outcomes-of-Third-Line-Tyrosine?searchresult=1>
12. **Akosile, M.**, Pierce, S., Brandt, M., Verstovsek, S., Borthakur, G., Kantarjian, H., Ravandi, F., Wierda W., Garcia-Manero, G., Daver, N., Kadia, T., Burger, J. A., Pemmaraju, N., Jabbour, E., Cortes, J. (2015). Survival impact of patients (pts) with chronic myeloid leukemia (CML) due to failure from the use of one or more tyrosine kinase inhibitors (TKI). *Blood*. 126(23), 1587. Retrieved from <http://www.bloodjournal.org/content/126/23/1587>

PRESENTATIONS

1. **Akosile, M.**, Pierce, S., Brandt, M., Verstovsek, S., Borthakur, G., Kantarjian, H., Ravandi, F., Wierda W., Garcia-Manero, G., Daver, N., Kadia, T., Burger, J. A., Pemmaraju, N., Jabbour, E., Cortes, J. Survival impact of patients (pts) with chronic myeloid leukemia (CML) due to failure from the use of one or more tyrosine kinase inhibitors (TKI). Poster presented at: 2015 American Society of Hematology.

7. PROFESSIONAL CONFERENCES

- 11/2020 6th Seattle Symposium in Biostatistics Virtual Conference
- 10/2020 The US Deprescribing Research Network (USDeN) Virtual Annual Conference
- 08/2019 International Conference on Pharmacoepidemiology, Philadelphia, PA
- 11/2018 American Public Health Association Annual Meeting and Expo, San Diego, CA
- 10/2018 3rd Seattle Symposium on Health Care Data Analytics, Seattle, WA
- 07/2018 Joint Statistical Meeting, Vancouver, Canada
- 09/2016 8th Annual John Goldman Conference on CML: Biology & Therapy, Houston, TX
- 12/2015 57th American Society of Hematology Annual Meeting and Expo, Orlando, FL
- 09/2015 3rd Annual Meeting of the Society of Hematologic Oncology, Houston, TX

8. PROFESSIONAL CERTIFICATIONS

- 09/2014 – present Collaborative Institutional Training Initiative (CITI) Certification
- 10/2017 Community Emergency Response Team (CERT) Certification

9. PROFESSIONAL TRAINING

- 09/2020 ASA WSDS Conference, Short Course: *Introduction to Python*
- 07/2020 University of Washington Summer Institute 6th Annual Summer Institute in Statistics, Short Courses:
 - *Statistics and Modeling in Infectious Diseases, SIS MID*
 - *Clinical & Epidemiological Research, SISCER*
 - *Statistics for Big Data, SIS BID*
- 07/2019 University of Washington Summer Institute 6th Annual Summer Institute in Statistics, Short Course:
 - *Clinical & Epidemiological Research, SISCER*
- 11/2018 3rd Seattle Symposium on Health Care Data Analytics Short Course:
 - *Targeting learning for data adaptive causal inference in observational and randomized studies*
- 07/2018 Joint Statistical Meeting (JSM) CE Course:
 - *Joint Modeling of Longitudinal and Time-to-Event Data*

10. PUBLIC HEALTH SERVICE

Seattle King County Clinic

Data Collection Volunteer (2020)

Healthcare Profession Volunteer (2018)

American Public Health Association Annual Meeting and Expo, San Diego, CA

HomeStart Help Us Help Them Volunteer (11/2018)

Key Arena, Seattle, WA

Seattle King County Clinic Volunteer (09/2018)

FEMA Semi Offload, Response: Hurricane Harvey, Houston, TX

Harris County Public Health (HCPH) Volunteer (08/2017–12/2017)