

CURRICULUM VITAE

Mary A. Akosile

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BIOGRAPHICAL INFORMATION

Mary A. Akosile, M.P.H, M.S.

Biostatistician I

Biostatistics Unit

Kaiser Permanente Washington Health Research Institute (KPWHRI)

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1. EDUCATION & TRAINING

UTHealth School of Public Health, Houston, TX

M.S., Biostatistics (2017)

- Thesis Topic: Reassessing the effectiveness of right heart catheterization (RHC) in the initial care of critically ill patients using targeted maximum likelihood estimation
- Advisor: Dr. Hongjian Zhu

M.P.H, Epidemiology (2016)

- Thesis Topic: Exposure to toxic metals as a risk factor for hematologic malignancies
- Advisor: Dr. Arch Carson

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

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

- National Cancer Institute Grant: NCI 5R25E CA056452-22

Wesleyan College, Macon, GA

B.A., Biology and Mathematics (2014)

2. 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

3. PROFESSIONAL MEMBERSHIPS

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)

4. PROFESSIONAL BIBLIOGRAPHY

ABSTRACTS

1. 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>
2. **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>
3. 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>
4. 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.
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. Hansen N., Pocobelli S., Eavey J., **Akosile A.**, Wellman D., Johnson L., Bron M., Dublin S. (2019, October). Obstructive sleep apnea and risk of motor vehicle accident. American Thoracic Society. Submitted in October 2019
7. 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>

8. Yilmaz, M. *, Devendra, K. C. *, **Akosile, M.**, Khoury, J., Short, N. J., Cortes, J., Garcia-Manero, G., Ravandi, F., Kadiat, 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>

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.

PUBLICATIONS

1. **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. Retrieved from <https://www.clinmedjournals.org/articles/ijcbb/international-journal-of-clinical-biostatistics-and-biometrics-ijcbb-4-018.php?jid=ijcbb>
2. 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. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/ajh.24897/full>
3. 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. Retrieved from <https://www.nature.com/articles/s41375-018-0158-1>
4. 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. (2019). Identifying hypertension in pregnancy using electronic medical records: The importance of Blood Pressure Values. (1-22). Submitted in October 2019
5. 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. Retrieved from <http://www.bloodjournal.org/content/129/12/1658>

5. PROFESSIONAL CONFERENCES

- 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

6. PROFESSIONAL TRAINING

- 07/2019 University of Washington Summer Institute 6th Annual Summer Institute in Statistics for Clinical Epidemiology Research, SISCER (2019)
- 11/2018 3rd Seattle Symposium on Health Care Data Analytics Short Courses: Targeting learning for data adaptive causal inference in observational and randomized studies
- 07/2018 Joint Statistical Meeting CE Course Joint Modeling of Longitudinal and Time-to-Event Data

7. PROFESSIONAL SERVICE

- 2019 – present Member, KPWHRI High School Day Planning Committee
- 2018 – present Facilitator, Biostatistics Peer Mentoring Group meetings
- 03/2019 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

8. PROFESSIONAL CERTIFICATIONS

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

9. PUBLIC HEALTH SERVICE

- 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)