

# CURRICULUM VITAE

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## BIOGRAPHICAL INFORMATION

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

Biostatistician I

Biostatistics Unit

Kaiser Permanente Washington Health Research Institute (KPWHRI)

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## 1. EDUCATION & TRAINING

### Self-Learning, Online

Data Management & Visualization (2021)

- MySQL
- Microsoft Excel & Tableau Software

### 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. ORGANIZATIONAL SERVICE

07/2021	Guest Speaker, Washington Alliance for Better Schools (WABS), 21st Century Skills in Healthcare
2020 – present	Faculty Coordinator, KPWHRI Kaiser Permanente African American Professional Association (I-KPAAPA)
2020 – present	Community Service Lead, KPWHRI Kaiser Permanente African American Professional Association (I-KPAAPA)
2020 – present	Member, Equity Team Committee
2019 – present	Member, KPWHRI High School Day Planning Committee
2018 – present	Facilitator, Biostatistics Peer Mentoring Group Meetings
2019 - present	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

#### 5. PROFESSIONAL BIBLIOGRAPHY

##### PUBLICATIONS

1. 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.
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.
3. 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.
4. **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.
5. 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.
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., 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.
7. 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).

8. 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).
9. 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.
10. 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).
11. 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.
12. 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.

#### ABSTRACTS

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. (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>
2. 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>
3. 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>
4. 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>

5. 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>
6. 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](https://doi.org/10.1161/hyp.72.suppl_1.119)
7. 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.
8. 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.
9. 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](https://doi.org/10.1164/ajrccm-conference.2020.201.1_MeetingAbstracts.A4134)
10. 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.
11. 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>

## 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.

## 6. 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

## 7. 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*

## 8. PROFESSIONAL CERTIFICATIONS

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

## 9. PUBLIC HEALTH SERVICE

### **Seattle King County Clinic**

- Healthcare Profession Volunteer (2018)
- Data Collection Volunteer (2020)

### **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)