

MARY A. AKOSILE

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QUALIFICATIONS

Epidemiology/Biostatistics

- Strong ability to implement epidemiologic study designs in clinical research studies
- In-depth knowledge of the ICH-GCP, FDA, IRB policies, regulations and guidelines
- Advanced knowledge and understanding of funding programs and clinical research practices
- Expertise in application of epidemiological principles and surveillance methodologies
- Proficiency with office productivity software (e.g., MS Office) and statistical packages (e.g., EPI Info, STATA, R, SAS, SPSS, STATISTICA)
- Excellent ability to determine appropriate statistical methods and perform statistical analysis on data from various epidemiologic studies
- Excellent ability to review study data

Project/Database Management

- Team lead or co-lead for multiple projects (e.g., team meetings, project timeline maintenance, new initiatives on projects, and future updates and completion tasks for projects)
- Strong skills in database creation, data collection, maintenance, documentation of recent updates on data reports

Communication Skills

- Excellent oral presentation skills (e.g., poster presentations)
- Advanced writing skills (e.g., grant proposals, abstracts, and manuscripts)
- Multilingual: Yoruba (Fluent), Spanish (Beginner), French (Conversational)

EDUCATION

MS in Biostatistics

UTHealth School of Public Health, Houston, TX

12/2017

MPH in Epidemiology

UTHealth School of Public Health, Houston, TX

Thesis: Exposure to toxic metals as a risk factor for hematologic malignancies

08/2014–05/2016

BA in Biology and Mathematics

Wesleyan College, Macon, GA

08/2010–05/2014

PROFESSIONAL EXPERIENCE

Biostatistician I

Kaiser Permanente Washington Health Research Institute, Seattle Washington

- Pending duties to be written soon

01/2018 - Present

Research Assistant

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

- Created and maintained databases, which includes using electronic medical records for data entry, updating, documentation and data query resolution with research staff
- Collected patient medical information and record patient medical history, past and current therapies, clinical responses, and survival information
- Reviewed medical records, conducted screenings for recruitment of study participants, and performed interviews to collect data and follow up on clinical responses to treatment, quality of life and other relevant clinical factors
- Collaborated with research faculty and trainees in consultation and specifications of statistical methods to be used for comprehensive and complex projects
- Designed and conducted statistical analyses, designed tables and graphs used to investigate project objectives using SAS, R, SPSS, and STATA software for research projects
- Contributed to manuscript submissions for scientific publication
- Participated in clinical rotations with clinicians and clinical research coordinators, and observe physician–patient communication relative to screening forms, informed consent forms, and efficacy and minimal risk of treatment
- Participated in institutional and departmental research seminars and grand rounds

02/2015–08/2017

Cancer Prevention Research Training Program (CP RTP) Fellow

06/2015–08/2015

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

National Cancer Institute Grant: NCI 5R25E CA056452-22

- Received training on data collection, data management, data analysis, career development, and cancer prevention, and participated with mentors at scheduled information interviews
- Collected patient data from a large retrospective cohort of chronic myeloid leukemia patients, including ongoing preparations with mentors to report project findings in a research article
- Completed research project and presented posters at MD Anderson Research Training Day and the 57th American Society of Hematology (ASH) Annual Meeting and Exposition, Orlando, FL
- Participated in writing abstract and designing posters for the presentations at MD Anderson Research Training Day and the 57th American Society of Hematology (ASH) Annual Meeting and Exposition, Orlando, FL

Medical Assistant

01/2012–06/2012

Caduceus Occupational Medicine, Macon, GA

- Performed administrative duties such as handling patients' questions and complaints and answering phone calls
- Informed patients of upcoming laboratory testing, physical examinations, and follow-up appointments
- Conducted vitals, eye-vision tests, hearing tests, drug screen collections, and diagnostic procedures
- Participated in clinical rotations with doctors and observed X-ray results readings, physical therapy sessions, physical examinations, and medical treatment of patients
- Prepared examination rooms for patients and shadowed doctors when attending to patients
- Excellent composure in emergency situations, and added the personal, caring touch that put patients at ease

ABSTRACTS, PRESENTATIONS & PUBLICATIONS

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*. Abstract submitted to the 59th Annual Meeting of the American Society of Hematology (ASH), Atlanta, Georgia.
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. Boddu, P., Garcia-Manero, G., Ravandi, F., Borthakur, G., Jabbour, E., DiNardo, C., Jain, N., Daver, N., Pemmaraju, N., Anderlini, P., Parmar, S., Devendra, K.C., **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*. Article accepted by the American Journal of Hematology. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/ajh.24897/full>
4. Boddu P, Gurguis C., Cortes J., **Akosile M.**, Ravandi F., Sanford D., Brandt M., Rita Maduiké, Kadia T., Kantarjian H., Borthakur G. (2017, August). *Response kinetics and factors predicting survival among patients with core binding factor (CBF) acute myeloid leukemia (AML)*. Abstract submitted to the 59th Annual Meeting of the American Society of Hematology (ASH), Atlanta, Georgia.
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, August). *Long-term outcome of cml patients treated with second-generation tyrosine kinase inhibitors in the second line: A single center experience*. Abstract submitted to the 59th Annual Meeting of the American Society of Hematology (ASH), Atlanta, Georgia.
6. 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*. Abstract submitted to the 59th Annual Meeting of the American Society of Hematology (ASH), Atlanta, Georgia.
7. Yilmaz, M.*, Devendra, K. C.*, **Akosile, M.**, Khoury, J., Short, N. J., Cortes, J., Garcia-Manero, G., Ravandi, F., Kadiyal, 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*. Abstract submitted to the 59th Annual Meeting of the American Society of Hematology (ASH), Atlanta, Georgia.
8. 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>

CONFERENCES

18th Annual John Goldman Conference on CML: Biology & Therapy, Houston, TX	09/16/2016–09/18/2016
57th American Society of Hematology (ASH) Annual Meeting and Exposition, Orlando, FL	12/05/2015–12/07/2015
3rd Annual Meeting of the Society of Hematologic Oncology (SOHO), Houston, TX	09/16/2015–09/19/2015

PROFESSIONAL MEMBERSHIPS

American Statistical Association (ASA)	2017–Present
American Public Health Association (APHA)	2017–Present
American Society of Hematology (ASH)	2015–Present
Student Epidemic Intelligence Society (SEIS)	2014 - Present

VOLUNTEER/COMMUNITY SERVICE

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

Location: FEMA Semi Offload, Houston, TX (Response: Hurricane Harvey, Houston, TX)

- Work with other volunteers in the unloading, sorting, packing, storing, loading donated goods
- Selects and organizes donations for onward distribution to affected residents

Location: NRG Stadium, Houston, TX (Response: Hurricane Harvey)

- Apply epidemiological principles and surveillance methodologies in interviewing affected sheltered residents
- Record and report all changes in residents' health status to HCPH officials for further investigation, if applicable
- Attend and contribute to post interview debrief meetings related to infectious disease prevention

Food Outreach Volunteer

07/2016–Present

Location: Dominion Chapel Houston, Houston, TX (Sponsor: Houston Food Bank, Houston, TX)

- Sort, organize, and fill food bags for food donations
- Fill and carry food bags to customers' vehicles

General Chemistry and Mathematics Tutor

05/2013–Present

Locations: Wesleyan College, Macon, GA & Dominion Chapel Houston, Houston, TX

- Work with students from middle school, high school, and college
- Develop lesson plans and study guides based on students' academic goals and teachers' instruction methods
- Motivate students and provide constructive feedback on their performance
- Update parents and teachers on students' progress on each subject

Wesleyan College WOW! A Day for Macon Volunteer

08/2010-05/2014

Location: Wesleyan College, Macon, GA

- Organized clothes, home equipment, and books at community centers
- Worked with other volunteers in teams to serve meals to the homeless community
- Assisted in organizing and developing activities for fund raising events aimed at unifying communities, schools and families

OTHER CERTIFICATIONS

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