

1. Name: Kazeem B. Olanrewaju, Ph.D.

2. Education:

B.S., Chemical Engineering, Obafemi Awolowo University, July 2000

M.S., Environmentally Sustainable Process Technology, Chalmers University of Technology, Sweden, April, 2003.

M.S. (non-thesis), Chemical and Biochemical Engineering, University of Iowa, Iowa City, Iowa, August 2010

Ph.D., Chemical and Biochemical Engineering, University of Iowa, Iowa City, Iowa, August 2012

3. Academic experience:

Prairie View A&M University, Adjunct Instructor, 2014 – 2018, full-time

Prairie View A&M University, Assistant Professor, 2018 – 2022, full-time

4. Non-academic experience:

- i. Chemical/Cement Lab Engineer, State Highway Administration, MDOT Hanover, Maryland, 2014, full-time
- ii. Associate Consultant, ChemProcess Technologies (CPT) LLC, League City, Texas, 2013– 2014, part-time
- iii. Adjunct Process Engineer, Yoderville Biodiesel Collective, Kalona, Iowa, 2012, part-time
- iv. Process Safety and Risk Analysis Engineer, Akzo Nobel Functional Chemical, Stenungsund, Sweden, 2002 –2003, part-time
- v. Engineer Intern, Pipeline and Product Marketing Company, Lagos, Nigeria, 1998 – 1999, full-time

5. Certifications or professional registrations: EIT (Maryland)

6. Current membership in professional organizations:

- i. National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCChE)
- ii. American Institute of Chemical Engineers (AIChE)
- iii. American Society of Engineering Education (ASEE)
- iv. Society of Petroleum Engineers (SPE)

7. Honors and awards:

- i. AIChE-Minority Affairs Committee (MAC) 30th Anniversary James Wei Award, 2021
- ii. 2021 MAC Distinguished Service Award
- iii. Summer 2021-VPRI-RAPID Research Grant Program Award
- iv. Faculty Enhancement Program Award, 2020
- v. Rapid Response Grant Program Award (Office of the Vice President for Research and Innovation) Award, 2020
- vi. Faculty Innovation and Enhancement (FIE) Award, 2019

8. Service Activities:

- i. PVAMU Faculty Senate Member, 2021-2022
- ii. Advisor of Student Chapter of the Society of Petroleum Engineering, 2018-2022
- iii. Member of the Roy G. Perry College of Engineering (RGP COE) ABET Committee 2017-2018
- iv. Chair of the Chemical Engineering Program Assessment Committee, 2019-2022
- v. AIChE-Minority Affairs Committee Chair-Elect (2019), Chair (2020), Past Chair (2021)
- vi. Zonal Coordinator of an International Non-profit Organization (HOREMOW) for 10 states in the United States of America, 2014-2020
- vii. Member of the RGP COE Tenure and Promotion Manual Committee, 2021-2022

9. Important Publications and Presentations from the Last Five Years :

- i. Matthew N. O. Sadiku, Kazeem Olanrewaju, and Sarhan M. Musa, "Big Data in Medicine: Applications, Benefits, and Challenges", European Scientific Journal, ESJ, Volume 16, Issue 6, February 2020
- ii. Matthew N. O. Sadiku, Kazeem Olanrewaju, and Sarhan M. Musa, "Medical Visualization: A Primer", International Journal of Trend in Research and Development, IJTRD, Volume 6, Issue 5, October 2019
- iii. Matthew N. O. Sadiku, Kazeem Olanrewaju, and Sarhan M. Musa, "Directed Energy Systems", International Journal of Advances in Scientific Research and Engineering, IJASRE, Volume 5, Issue 19, September 2019
- iv. Matthew N. O. Sadiku, Emmanuel Dada, Kazeem Olanrewaju, and Sarhan M. Musa, "Big Data in Healthcare", International Journal for Research in Applied Science and Engineering Technology, IJRASET, Volume 7, Issue IX, September 2019
- v. Kazeem B. Olanrewaju, Liem Thai, and Emmanuel Dada, "Application of Computational Fluid Dynamics (CFD) in Biotransportation of Complex Fluid in the Human System", International Journal of Scientific and Engineering Research, IJSER, Volume 9, Issue 6, June 2018
- vi. Kazeem B. Olanrewaju, Liem Thai, and Emmanuel Dada, "Fluid-Structure Interaction in Human Physiological System: A Computational Approach", NOBCCChE (National Organization of Black Chemists and Chemical Engineers) Conference, Orlando, Florida, September 17 – 20, 2018
- vii. Liem Thai., and Kazeem B. Olanrewaju., (2017), "Application of Computational Fluid Dynamics (CFD) in Biotransportation of Complex Fluid in the Human System", Proceedings 17th Annual American Institute of Chemical Engineer, Minneapolis, MN, USA, October 2017

10. Most recent professional development activities:

- i. American Institute of Chemical Engineers Annual Conference (virtual), November 2020.
- ii. American Institute of Chemical Engineers Annual Conference, November 2019, Orlando, FL.
- iii. National Summer Institute on Learning Communities 2019, July 2019, Washington Center at the Evergreen State College, Olympia, WA.