



Curriculum Vitae

Faculty Name: Kazeem B. Olanrewaju, Ph.D. **Work Address:** P.O. Box 519; MS
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Position Title: Assistant Professor
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Education:	Degree and Area of Study	Institution Name	Degree Date
	Ph.D., Chemical Engineering and Biochemical Engineering	The University of Iowa, Iowa	2012
	M.S., Chemical Engineering and Biochemical Engineering	The University of Iowa, Iowa	2010
	M.S., Environmentally Sustainable Process Technology	Chalmers University of Technology, Gothenburg, Sweden	2003
	B.S., Chemical Engineering	Obafemi Awolowo University, Ile- Ife, Nigeria	2000

Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	Assistant Professor	Prairie View A & M University	2018 - Present
	Adjunct Faculty	Prairie View A& M University	2014-2018
	Graduate Teaching Assistant	The University of Iowa	2005 - 2011

Professional Publications:

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

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

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 6, Issue VI, June 2018

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

Kazeem B. Olanrewaju, Liem Thai, and Emmanuel Dada, "Fluid-Structure Interaction in Human Physiological System: A Computational Approach", *NOBCChE (National Organization of Black Chemists and Chemical Engineers) Conference*, Orlando, Florida, September 17 – 20, 2018

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*

Dada, E. A., Osborne-Lee, I. W., Gyamerah, M., and **Olanrewaju, K.**, (2015). "Development of Energy Efficient Process for the Capture of CO₂ from Post-Combustion Coal Fired Power Plant Flue Gases Using a Novel Solvent". *Carbon Management Technology Conference, 2015,(CMTC 2015) (ISBN: 978-0-8169-1093-9)*, Sugar Land, TX, USA, 2015.

Dada, E. A., **Olanrewaju, K. B.**, and Drayton, R. A., (2013). "Effective Captured of CO₂ from Pulverized Coal Fire Plants". Oral presentation at the Proceedings 13th Annual American Institute of Chemical Engineer, November 2013, San Francisco, CA, USA: Published as an extended Abstract

Olanrewaju, K. B. (2012). "Reaction Kinetics of Cellulose Hydrolysis in Subcritical and Supercritical Water". *Doctor of Philosophy Dissertation, University of Iowa, U. S.A.*

Peeples, T. L., Nilausen, T. A., **Olanrewaju, K.**, and Aurand, A. A. (2010). "Metabolism of Biorenewable Hydrolysates by Extremophilic Microorganisms". *Proceedings 19th on Tropical Conference on Refinery Processing at the American Institute of Chemical Engineers, 2010, San Antonio, TX, USA: Published as an extended abstract 413.*

Additional Trainings/Skills:

Engineer-in-Training (EIT) Certification

Member, American Institute of Chemical Engineer (AIChE)

Member, National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE)

Member, Society of Petroleum Engineers (SPE)

Member, American Society of Engineering Education (ASEE)

Analytical Instruments: Ion Exchange Chromatography, High Performance Size Exclusion Chromatography, Dilute Solution Viscometry, and FTIR

Computer languages and softwares proficiency: Fluent, ChemCAD, Faultrea, Aspen-Hysys, Femlab, MATLAB, C/C++, C#, Java, HTML, Microsoft Office Suite (Excel, Word, PowerPoint, Visio)

Leadership : Zonal Coordinator of an International Non-profit Organization (HOREMOW) for 14 states (TX, LA, NM, HI, AZ, CA, CO, KS, MO, OK, AR, MS, KY, AL) in the United States