



Faculty Name:	Dr. Michael Gyamerah	Work Address:	Department of Chemical Engineering, Roy G. Perry College of Engineering P.O. Box 519; MS 2505, Prairie View, TX 77446
Position Title:	Professor & Interim Department Head		
Office Location:	C.L. Wilson Engineering Building Room 200A		
Office Phone:	936-261-9408		
Email Address:	migyamerah@pvamu.edu		

Education:	Degree and Area of Study	Institution Name	Degree Date
	B.S., Chemical Engineering	University of Science & Technology, Kumasi, Ghana	1977
	Ph.D., Biochemical Engineering	Loughborough University, United Kingdom	1984
Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	Professor	Prairie View A & M University	2020 - Present
	Associate Professor	Prairie View A&M University	2007 - 2020
	Assistant Professor	Prairie View A & M University	2001 - 2007
	Part-time Lecturer (Adjunct Professor)	University of Ghana, Legon-Accra, Ghana	1985 - 1987

Professional Publications:	
	Gyamerah M, Ampaw-Asiedu M, Mackey J, Menezes B, Woldesenbet S (2018) Effect of Brönsted acidic ionic liquid 1-(1-propylsulfonic)-3-methylimidazolium chloride on growth and co-fermentation of glucose, xylose and arabinose by <i>Zymomonas mobilis</i> AX101. <i>Lett Appl Microbiol</i> 66: 549 - 557
	Grace Armah-Agyeman, Michael Gyamerah, Paul O Biney, and Selamawit Woldesenbet (2016) Extraction and characterization of triglycerides from coffeeweed and switchgrass seeds as potential feedstocks for biodiesel production. <i>J Sci Food Agric</i> 96: 4390 - 4397

	Paul O. Biney, Michael Gyamerah, Jiacheng Shen , and Bruna Menezes (2015) Kinetics of the Pyrolysis of Arundo, Sawdust, Corn Stover and Switch Grass Biomass by Thermogravimetric Analysis Using a Multi-stage Model. <i>Bioresource Technology</i> 179: 113 – 122, 2015
	Angela M. McIver, SVB Janardhan Garikipati, Kehinde S. Bankole, Michael Gyamerah, and Tonya L. Peeples (2008) Microbial oxidation of Naphthalene to cis-1,2-Naphthalene Dihydrodiol Using Naphthalene Dioxygenase in Biphasic Media. <i>Biotechnol Prog</i> 24: 593 - 598
	Gyamerah M, Merichetti G, Adedayo O, Scharer JM, Moo-Young M (2002) Bioprocessing strategies for improving hen-egg white lysozyme (HEWL) production by recombinant <i>Aspergillus niger</i> HEWL WT-13-16. <i>Appl Microbiol Biotechnol</i> 60 (4): 403-407
	Gyamerah M and Willetts AJ (1997) Kinetics of overexpressed transketolase from <i>Escherichiacoli</i> JM 107/pQR 700. <i>Enzyme Microb Technol</i> 20: 127-134
	Gyamerah M and Glover J (1996) Production of ethanol by continuous fermentation and liquid-liquid extraction. <i>J Chem Tech Biotechnol</i> 66(2): 145-152.
	Gyamerah M (1995) Factors affecting the growth form of <i>Aspergillus terreus</i> NRRL 1960 in relation to itaconic acid fermentation. <i>Appl Microbiol Biotechnol</i> 44 (3-4): 356-361.
	Gyamerah M (1995) Oxygen requirement and energy relations of itaconic acid fermentation by <i>Aspergillus terreus</i> NRRL 1960. <i>Appl Microbiol Biotechnol</i> 44: 20 -26.
Additional Trainings/ Skills:	
	CEng MIChemE, Institution of Chemical Engineers (UK), 1999 - Present
	Senior Member, American Inst. of Chemical Engineers (AIChE), 2005 - Present
	Completed the American Biological Safety Association (ABSA) course #325-023-18, 1.0 ABSA CM Credit, 7.00 P.A.C.E. contact hours of continuing education, June 2018
	Completed Safety and Chemical Engineering Education (SACHE) Continuing Professional Competency courses ELA 901- SACHE Safety in the Chemical Process Industries, and ELA 903- SACHE Risk Assessment Certificate Programs in May 2015.