

Early Career Alumni of the Year Dr Michael Danquah

Dr Michael Danquah, is currently a Postdoctoral Research Fellow in the Department of Chemical Engineering. During his PhD studies Michael distinguished himself as a student who was passionate and enthusiastic about his work and this resulted in his publication of numerous journal papers and a patent. Michael's performance during his PhD studies in Monash University was outstanding and perhaps unprecedented. Aside from his doctoral research, Michael was actively involved in tutoring different undergraduate courses including Biochemical Engineering and Process System Analysis as well as various extracurricular activities organized by the department.



Michael conducted his doctoral dissertation under the supervision of Dr. Gareth M. Forde on the topic "Rapid Production of Therapeutic Plasmid DNA via Pilot-scale Bacterial Fermentation and Monolithic Purification, a research which has very eminent applications for the future use of DNA molecules as human therapeutic vectors, and this was well researched. During his doctoral studies, he distinguished himself to be innovative, productive, and established an enviable academic performance through the publication of internationally recognised journal papers, patents, conference papers and some honoured awards. It may interest you to know that Michael completed his PhD in three years with 12 internationally recognised first-authored journal papers, a filed patent application and some conference papers.