



OVERVIEW OF EXPERIENCE AND COMMITMENT TO ENVIRONMENTAL HEALTH

After completing his BSc Environmental Health in 2017 at Liverpool John Moores University, Hassan Alzain has been working at Saudi Aramco (SA) as an Environmental Scientist, with a focus on environmental and public health, and the development and management of environmental health regulations in the context of the oil and gas industry. Hassan has participated in high-level operational excellence programs which aim to minimise risks to employees' health. He has introduced Nutrition Fact Sheets and Traffic Light Labelling to Saudi Arabia, as well as producing two approved patents and a noise mitigation and surveillance strategy.

Work-related achievements

Hassan had a strong desire to become an internationally-recognized EHP upon completing his high-school studies in the Kingdom of Saudi Arabia (KSA). Due to his notably high-grades of accomplishing 100% for three consecutive-years, Saudi Aramco (SA), the largest oil and gas company, offered him a full scholarship to study the subject which he excelled in. Hassan pursued his studies in the UK and was qualified in 2017 from LJMU, immediately joining the SA Environmental Protection Department afterwards. Hassan's high levels of knowledge, competency, engagement and personality allowed him to shine and stand out in a Company with more than 75,000 employees by promoting high levels of public and environmental health standards in a manner that was accepted by all clients, company departments and contractors.

Project summaries

As a result of his continuous efforts, Hassan has produced two approved patents, introduced nutritional standards for the first time in Saudi Arabia and within the company, as well as developing a noise mitigation strategy for water operation facilities in the eastern providence of KSA that covers more than 100 locations. After eleven months at Saudi Aramco, Hassan was promoted to Environmental Health Lead Inspector in 2018, after acquiring the ISO 22000 Food Safety Management certificate and being made Company Operational Excellence Lead Auditor. Hassan conducts comprehensive environmental health assessments across KSA, taking into account all applicable environmental health standards to contribute to the company health index. Through his strong technical skills, time management and professionalism, Hassan is a strong member of the Environmental Health Unit. He supports his colleagues with their work and provides the Company with up-to-date information by writing articles for the internal company newsletter, EnviroNews.

In Saudi Arabia, obesity is a national crisis where 7 out of 10 Saudi citizens are overweight or obese. Through his Bachelor Empirical Dissertation and work experience, Hassan concluded that one of the primary factors causing this crisis is that Saudis are not making healthy and informed decisions when purchasing food due to a lack of nutritional analysis and associated labelling. As a team leader, Hassan worked closely with the Saudi Food and Drug Authority to oversee the development of the nutritional guidelines, which was effective from



January 2019. Hassan worked with two major food suppliers, LULU and Al-Tamimi, providing them with accurate and up-to-date standards, after conducting a comprehensive literature review. Hassan also facilitated a Saudi Food and Drug Authority (SFDA) workshop on a SA-wide scale where all departments and contractor food suppliers attended; providing information on the newly introduced legislation and closed gaps-in-knowledge. This project has resulted in implementing nutritional requirements on a company and national scale, with effective and continuous participation from all food suppliers, manufacturers and providers. The SFDA and SA have now established a communication platform on emerging environmental health issues that can be tackled collaboratively. Hassan was recognized by Aramco for this initiative by winning an award and since then, he is eager to produce excellent results which motivated him to go above-and-beyond, by producing two approved patents in January 2019 and formulating a noise mitigation strategy in March 2019.

How this individual will make a positive contribution to the Environmental Health profession in their future career

We've seen the extent of Hassan's achievements in such a short space of time since graduating, so his career can only go from strength to strength.