

WAN NURHIDAYAH BINTI A KARIM

Postgrad. Dip. Ed., 2018

MSc. (Polymer Chemistry), 2017

BSc. (Hons) (Applied Chemistry), 2009

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Working experiences

- Working as a Education Services Officer, Pusat Asasi Sains UM, 2012 -now
- Working experience at Chemical Company of Malaysia(CCM) Duopharma Biotech Sdn Bhd as an executive of chemical lab. Monitoring GLP and other system implemented. Prepared documentation for SOP. (May 2009 – March 2010)
- Working experience as an R&D Chemist at MACSAM Sdn Bhd, a cosmetic product and personal care-based company. Develop formulation together with marketing/ product development department. Responsible for the implementation of R&D elements of all product categories. Assist & manage QA/QC department. Monitoring Good Laboratory Practice (GLP) & Good Manufacturing Practice (GMP). Ensure routine and inspection for incoming work in process and finished products sample as sampling plan and according to Standard Operational Procedure (SOP) and work instruction given. (February 2009 – April 2009)

Part-time experience:

- Tutor and demonstrator, Pusat Asasi Sains UM, 2010 -2012

Selected Publications

- **Wan Nurhidayah A. Karim**, Jin Guan Ng, Chin Han Chan & Seng Neon Gan. 2013. Preparation and characterisation of blends of poly(ethylene oxide) and functionalised epoxidised natural rubber. *Int. J. of Materials Engineering Innovation*, 2013 Vol.4, No.3/4, pp.314 – 324.
- **Wan Nurhidayah A. Karim**, Jin Guan Ng, Chin Han Chan, Rosiyah Yahya, and Seng Neon Gan (2018) Polymer Electrolyte Blends of Mono-carboxylic acid-Modified epoxidized natural rubber and poly(ethyleneoxide). *Rubber Chemistry and Technology*: January-March 2018, Vol. 91, No. 1, pp. 120-135.

Proceedings

- Wan Nurhidayah A Karim, Jin Guan Ng, Chin Han Chan, Yahya. R and Seng Neon Gan, 2011. Proceeding of The 2nd Malaysia Polymer International Conference. (oral presenter)
- Wan Nurhidayah A Karim, Jin Guan Ng, Chin Han Chan, Yahya. R and Seng Neon Gan, 2011. 7th Mathematics and Physical Sciences Graduate Congress, National University of Singapore. (poster)

Other experiences

- Editor, PASUM Chemistry Course Laboratory Manual Sem 2, 2015-2021
- Editor, Comprehensive College Chemistry, 2015-2021
- Editor, PASUM Chemistry Course Laboratory Manual Sem 1, 2015-2021
- Editor, PASUM Chemistry Course Laboratory Manual Sem 2, 2015-2021
- Guest Examiner for Matricuation Examination, KPM, 2017-2018

Professional Activity:

Institut Kimia Malaysia, Active Member, since 2019