

MAJD ESHTAYA

Chemical Engineering Department, An-Najah National University

Nablus-Palestine-P.O.Box 7

Tel: +97292321149

[E-mail: majdkha@yahoo.com](mailto:majdkha@yahoo.com)

QUALIFICATIONS

- 2013-2016 **PhD in Chemical and Environmental Engineering (Funded by IDB)**
University of Nottingham, Nottingham, United Kingdom
Thesis Title: Towards Sustainable Production of Renewable Chemicals from Lignin
Supervisors: Dr. Anna Croft and Prof. Gill Stephens
- 2005-2007 **MSc in Bioprocess Engineering (Funded by IDB)**
Universiti Putra Malaysia (UPM). Selangor, Malaysia
Thesis Title: Production of Organic Acids from Restaurant Wastes as Substrates for Polyhydroxybutyrate Production by Recombinant *E. coli*
- 1995-2000 **BSc in Chemical Engineering (Very Good, Honours)**
An-Najah National University, Faculty of Engineering. Nablus, Palestine

PROFESSIONAL EXPERIENCE

- 2000-2005 Teaching Assistant
Chemical Engineering Department/ An-Najah National University
Nablus-Palestine
PO. Box 7
- 2007-2013 Lecturer

Chemical Engineering Department/ An-Najah National University
Nablus-Palestine
PO. Box 7

My duties involve teaching the following courses:

- Principles of Chemical Engineering
- Heat Transfer Operation
- Food Technology
- Bioprocess Engineering
- Fluids and Thermal Sciences

TRAINING

- June 1999 Training course in vegetable oil Company in Nablus, Palestine
- December 2005 Fourth Workshop on the Isolation, Identification and Preservation of Bacteria, Universiti Putra Malaysia (UPM), Malaysia
- August 2005 Bioreactor Workshop, Universiti Putra Malaysia (UPM), Malaysia

2013 Nuclear magnetic resonance (NMR) and Gas chromatography–mass spectrometry (GC-MS). University of Nottingham, Nottingham, UK

CONFERENCES and PRESENTATIONS

March 2006	International Conference on Agriculture Wastes: Turning Wastes to Wealth in Putrajaya Marriott Hotel. Malaysia
28 November 2006	Symposium of Malaysian Society for Microbiology. Malaka-Malaysia (poster presentation).
September 2006	Trends in Biotechnology 3, Universiti Putra Malaysia (UPM). Malaysia
August 2006	Seminar on Chemical Engineers-Innovation Technologies for Sustainable Development, Faculty of Engineering, Universiti Putra Malaysia (UPM). Malaysia
4-7 August 2013	6 th International Conference on Green and Sustainable Chemistry, School of Chemistry. University of Nottingham, Nottingham, UK
August 2013	Workshop on Valorisation of Waste Biomass for Sustainable Chemicals. University of Nottingham. Nottingham, UK
2-4 October, 2013	Presentation (with team) at Biotechnology YES - Plant and Microbial Sciences Workshop at Syngenta. UK
19 March 2014	Poster Presentation at the Manufacturing & Process Technologies Research Division, Poster Competition, University of Nottingham. Nottingham, UK
23 April 2014	Poster Presentation at the Sustainability Research Symposium. University of Nottingham. Nottingham, UK
7-8 May 2014	Poster Presentation at engineering research showcase Nottingham University. Nottingham, UK
22 May 2014	Poster Presentation at the Islamic Development Bank (IDB) Symposium, University of Cambridge. Cambridge, UK
18 June 2014	Poster Presentation at the university of Nottingham Research Showcase 2014, University of Nottingham. Nottingham, UK
18 November 2014	Poster Presentation at the Renewable Chemicals from Lignin, Held by the RSC at Burlington House. London, UK
19 May 2015	Poster Presentation at the RSC Chemical Biology and Bio-Organic Chemistry Postgraduate Symposium, Bristol University. Bristol, UK
26 May 2015	Poster Presentation at the Islamic Development Bank (IDB) Symposium, Imperial College. London, UK

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| 15 June 2015 | Poster Presentation at the Sustainable Research Symposium, University of Nottingham. Nottingham, UK |
| 22 June 2015 | Poster Presentation at the ISE Satellite Student Regional Symposium on Electrochemistry: The Midlands Electrochemistry Group 2015, Warwick University. Warwick, UK |
| 17-19 February 2016 | Two minutes flash presentation and poster presentation at LBNet 1st International Conference "Construction and deconstruction of lignocellulosic biomass" held at Shrigley Hall-Cheshire, UK |
| 11 - 13 May 2016 | Oral presentation at Liquid Salts for Energy and Materials: Faraday Discussion. Ningbo, China |

PUBLICATIONS

Eshtaya, M. K., Nor 'Aini, A. R. & Hassan, M. A. 2013. Bioconversion of restaurant waste into Polyhydroxybutyrate (PHB) by recombinant *E. coli* through anaerobic digestion. *International Journal of Environment and Waste Management*, 11, 27-37.

Eshtaya, M., Ejigu, A., Stephens, G., Walsh, D. A., Chen, G. Z. & Croft, A. K. 2016. Developing energy efficient lignin biomass processing - towards understanding mediator behaviour in ionic liquids. *Faraday Discussions*, 190, 127-145.

LANGUAGES

Arabic (Excellent), English (Very Good)

AWARDS AND FELLOWSHIPS

The Islamic Development Bank (IDB) M.Sc. Scholarship Programme, 2005-2007

The Islamic Development Bank (IDB) Merit Scholarship Programme for High Technology. 2013-2015

Runner-up for the poster presentation at ISE Satellite Student Regional Symposium on Electrochemistry: The Midlands Electrochemistry Group 2015 at Warwick, UK, 22 June 2015.

Molten Salt Discussion Group (MSDG) travel bursary to attend the RSC Faraday Discussion, China, May 2016

PROFESSIONAL MEMBERSHIPS

Royal Society of Chemistry (RSC) membership