

NAEEMA IBRAHIM ALDARMAKI

Education

Nov.2006 – June 2012
University of Birmingham UK
Doctor of Philosophy in Chemical Engineering
Thesis: Extraction and Enrichment of Minor Lipid Components of Palm Fatty Acid Distillate Using Supercritical Carbon Dioxide

Sep.1998 – Jan.2004
United Arab Emirates University UAE
Bachelor of Science in Chemical Engineering

Work Experience

Jan.2013 – Present.
Assistant Professor
Chemical and Petroleum Engineering Dept.
UAE University

Jan. 2009 - March.2009
Teaching Assistant/Lab Demonstrator University of Birmingham
Taught second year students for the module Product Design and Formulation. 2 groups of students; 6 students in each group.

Sep. 2004 – Oct.2006
Teaching Assistant UAE University
Taught Fundamentals of Engineering II, Thermodynamics, classes of 15 to 26 students.

Personal Information

Marital status: Single
Nationality: Emirati
Age: 32
Place of Birth: Khorfakkan, UAE
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Languages

Arabic: Mother Tongue
English: Advanced
Japanese: Beginner

Awards Received

Research Award,
10th Annual Research Conference, UAE
University, UAE, **2009**

Recipient,
Hand Award for Research Excellence,
Qaboos University, Oman, **2004**

Interests

Reading, travelling, talking to very old
and very young people and playing
Violin

Publications

N. Al-Darmaki, B. Al-Duri, T. Lu, R.C. D. Santos, J.B. Harris, T.L.F Favre and K. Bhaggan, "Isothermal and Temperature Gradient Supercritical Fluid Extraction and Fractionation of Squalene from Palm Fatty Acid Distillate Using Compressed Carbon Dioxide" *The Journal of Supercritical fluids* , 61 (2012) 108-114.

N. Al-Darmaki, B. Al-Duri, T. Lu, R.C. D. Santos, J.B. Harris, T.L.F Favre and K. Bhaggan, "Solubility Measurements and Analysis of Binary, Ternary and Quaternary Systems of Palm Olein, Squalene and Oleic Acid in Supercritical Carbon Dioxide" *Separation & Purification Technology*, 83 (2011) 189-195.

N. Al-Darmaki, B. Al-Duri, T. Lu, R.C. D. Santos, J.B. Harris, T.L.F Favre and K. Bhaggan, "Phase Equilibria of Squalene, Oleic Acid and Palm Olein in Supercritical Carbon Dioxide ", *Chemical Engineering Congress*, Montreal Canada, August 2009.

N. Al-Darmaki, B. Al-Duri, T. Lu, R.C. D. Santos, J.B. Harris, T.L.F Favre and K. Bhaggan, "Counter-Current Packed Column Supercritical CO₂ Recovery of Squalene", *UAE Annual Research Conference*, Al-Ain, April 2008.

Al-Qaydi, A., A. Al-Harbi, S. Basloom, **N. Al-Darmaki** and M. H. El-Naas, " Bio -sorption of Chromium from Simulated Wastewater", *UAU Research Conference*, Al-Ain, 2004.

Al-Harbi, A., S. Basloom, **N. Al-Darmaki**, A. Al-Kethairi, and M. H. El-Naas, " A Process for the Removal of Chromium from Groundwater", *UAU Research Conference*, Al-Ain, 2004.