

Linda Al-Hmoud

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Amman, Jordan

Education

Georgia Institute of Technology - Atlanta, GA, USA

Philosophy of Doctorate in Chemical Engineering, August 2014

Thesis Title: UNDERSTANDING HETEROGENEOUS COPPER CATALYSTS FOR COUPLING REACTIONS IN ORGANIC SYNTHESIS, Jones Research Group

GPA: (3.95 out of 4.00)

University of Jordan - Amman, Jordan

Master of Science in Chemical Engineering, June 2000

Thesis Title: "Stability of Cosmetics produced from Dead Sea Salt and Mud"

GPA: (4.00 out of 4.00)

University of Jordan - Amman, Jordan

Bachelor of Science in Chemical Engineering, June 1997

GPA: (3.76 out of 4.00), ranking the 1st among 48 classmates

Graduation Project: "Production of Ethylene Glycol and Dimethyl Terephthalate from Waster Poly(Ethylene Terephthalate) [PET] Bottles by Methanolysis"

Professional Experience

Georgia Institute of Technology – Atlanta, GA, USA

- ◆ **Graduate GoSTEM Fellow** May 2013 – May 2014
- ◆ **Resident Advisor** Aug 2011 – May 2014
- ◆ **Graduate Teaching/Research Assistant** Aug 2008 – May 2014

University of Jordan – Amman, Jordan

Oct 2006 – Aug 2008

- ◆ **Lecturer**
 - Courses Taught:
 - Chemical Engineering Principles
 - Chemical Reaction Engineering
 - Chemical Engineering Labs (Fluid Mechanics, Thermodynamics, Solid Particulates, Heat Transfer, Mass Transfer, Heat and Mass Transfer, Chemical Reaction Engineering)
 - Computer Applications for Chemical Engineering
 - Fluid Mechanics

Jordan Institute for Standards and Metrology (JISM) - Amman, Jordan

Jul 2002 – Oct 2007

- ◆ **Standardization officer** Nov 2005 – Oct 2007
 - Developing Standards and Technical Regulations for all chemical detergents, chemicals, and batteries
 - Answering inquiries related to chemical detergents, chemicals, and batteries
- ◆ **Control and inspection officer** July 2002 – Oct 2005
 - Controlling and inspecting the quality of locally produced and imported goods in plastics sector
- ◆ **Other Roles and Responsibilities:**
 - Member of the Quality Auditing Committee in JISM (2 years)
 - Member of King Abdullah II Prize team (3 years)
 - Quality System Coordinator in the Control and Inspection Department (3 years)
 - Responsible for restructuring and automating the Working System in the Control and Inspection Department (2 years)

Jordan Co. for Dead Sea Products – Amman, Jordan

Sep 1998 – Nov 1999

- ♦ **Production Manager, MR of QMS ISO 9001**

- Planning and supervising production lines of cosmetics including shampoo, creams, mud mask, and Dead Sea salts
- Implementing and auditing the QMS in the company

Agricultural Plastic Ind. Co. - Amman, Jordan

Aug 1997 – Aug 1998

- ♦ **Quality Control Engineer**

- Establishing quality control laboratory for plastics.
- Performing the mechanical tests required for controlling the quality of produced agricultural plastic

Publications and Conferences

- ♦ Linda Al-Hmoud, Sumit Bali, Shilpa Mahamulkar, Joseph Culligan & Christopher Jones, “On the Homogeneity/Heterogeneity of Solid Copper Oxide Precatalysts in the Oxidative Homocoupling of Ethynylbenzene”, *J. Mol. Catal. A* (2014), 395, 514-522.
- ♦ Linda Al-Hmoud & Christopher Jones, “Reaction Pathways over Copper and Cerium Oxide Catalysts for Direct Synthesis of Imines from Amines under Aerobic Conditions”, *J. Catal.* (2013) 301, 116-124. Also, orally presented at the **23rd North American Meeting of the Catalysis Society**, Louisville, KY, June 2013.
- ♦ Linda Al-Hmoud & Christopher Jones, “CuO Supported on Mesoporous CeO₂ as a Catalyst for Direct Synthesis of Imines from Amines under Neat Conditions”, Poster Presentation, **ORCS 24th Biennial Conference**, Annapolis, MA, April 2012.
- ♦ Linda Al-Hmoud, Lan Chen & Christopher Jones, “Copper oxide supported on mesoporous CeO₂ as a catalyst for N-arylation reaction”, Poster Presentation, **ACS 243rd National Meeting**, San Diego, CA, March 2012.
- ♦ Linda Al-Hmoud & Christopher Jones, “Heterogeneity of N-Arylation Reactions Catalyzed by Cu(II) Exchanged Zeolite”, Poster Presentation, **AIChE Annual Meeting**, Salt Lake City, UT, November 2010.

Awards

- ♦ Kokes Travel Award for the 23rd North American Catalysis Society (NACS) meeting, June 2013.
- ♦ Student travel Grant to the 24th ORCS Conference, April 2012.
- ♦ Outstanding Performance Award on the Written Qualifying Exam, School of Chemical & Biomolecular Engineering, Georgia Tech, January 2009.
- ♦ Award of Academic Excellence for Graduate Students, University of Jordan, June 2000.
- ♦ Award of Academic Excellence for Undergraduate Students, University of Jordan, June 1997.

Certifications

- ♦ **Tech to Teaching Certificate**, Center for the Enhancement of Teaching and Learning, Georgia Tech, partial completion.
- ♦ **Graduate Communication Certificate**, Georgia Institute of Technology, partial completion.
- ♦ IRCA certified **ISO 9000:2000 Series Lead Auditor**, September 2005.
- ♦ IRCA certified **Information Security Management Systems Lead Auditor**, September 2005.
- ♦ IRCA certified **Occupational Health & Safety Management Systems Lead Auditor**, April 2005.
- ♦ IRCA certified **Environmental Management Systems Lead Auditor**, January 2003.
- ♦ Certified **Neuro-Linguistic Programming (NLP) Practitioner**, Canadian Training Center, August 2002.