

# Mays Ali Salamh Shadeed

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## EDUCATION:

- (2012- 2014) **Master Degree in Advance Chemical Engineering**, Thesis entitled "*Solar drying of sludge produced in the wastewater treatment plants*", Jordan University of Science and Technology, Irbid, Jordan (92.2).
- (2006- 2011) **Bachelor Degree in Chemical Engineering**, An-Najah National University, Nablus, Palestine, Average (91.5).
- (2005-2006) **General Secondary Certificate**, Scientific Branch, Ellar Secondary Girls School, Tulkurm, Palestine, Average (95.2).

## AWARDS, HONOURS, and SCHOLARSHIPS:

- (2016) **First place winner of King Abdullah bin Al-husien Award for Innovation**, Jordan.
- (2012- 2014) **Top of Class with an Honor (M.Sc)**, Jordan University of Science and Technology, Irbid, Jordan.
- (2013-2014) **JUST Graduate Research Scholarship**, Jordan University of Science and Technology, Irbid, Jordan.
- (2012- 2014) **DAAD Scholarship**, Host university: Jordan University of Science and Technology, Irbid, Jordan.
- (2011) **Undergraduate First-class Award**, Palestinian Engineers Association, Nablus, Palestine.
- (2009-2011) **Honor Faculty Degree**, An-Najah National University, Nablus, Palestine
- (2007-2011) **Outstanding Student Scholarship** for eight Semesters, An-Najah National University, Nablus, Palestine.
- (2006-2011) **Top of Class with an Honor (B.Sc)**, An-Najah National University, Nablus, Palestine.

## EXPERIENCES:

Aug.20<sup>th</sup>2014- now: **Instructor**, Chemical Engineering Department, An-Najah National University, Palestine.

Sep.2<sup>nd</sup>,2011- **Teaching Assistant**, Chemical Engineering Department, An-

May20<sup>th</sup>,2012: Najah National University, Palestine.

- July (1<sup>st</sup>-22<sup>th</sup>), 2010: **Internship**, Al-Jalad Chemical Company (Jeton), Tulkurm, West Bank, Palestine, telephone: 00970 926795565.
- June (12<sup>th</sup>-30<sup>th</sup>), 2010: **Internship**, National Beverages Company (Marawi), Kufer Zibad, Tulkurm, West Bank, Palestine.

## **PUBLICATIONS:**

A. Al-Otoom, F. Äbu Al-Rub, H. Mousa, and M. Shadeed, *Semicontinuous solar drying of sludge from a wastewater treatment plant*, Journal of Renewable and Sustainable Energy, (7), 2015.

## **TRAINING AND CONFERENCES:**

- June (18th -19th), 2014 : **Workshop on the Use of Green Nanoparticles as a Biofouling Resistant Agent in Reverse Osmosis Desalination**, JUST, Irbid, Jordan.
- June (17th-18th), 2013 : **Conference on Energy Efficiency in Jordan**, Amman, Jordan.
- March (26<sup>th</sup>-28<sup>th</sup>), 2012 : **The First International Palestinian Conference on Nanotechnology for Advanced Material and Devices**, An-Najah National University, Nablus, Palestine.
- Dec. (22<sup>th</sup>), 2011 : **Workshop on safety in the chemical plants**, An-Najah National University, Nablus, Palestine.
- June (4<sup>th</sup>-8<sup>th</sup>), 2011 : **HACCP Course**, Engineering Training Center, Nablus.
- May29<sup>th</sup>-June2<sup>nd</sup>,2011 : **Competency Building (advanced level)**, Zajel Youth Exchange Program, An-Najah National University, Nablus.
- Apr.25<sup>th</sup>-June1<sup>st</sup>,2011 : **The International Computer Driving License Course (ICDL)**, Partner in Sustainable Development Center, Nablus.
- Jan.23<sup>th</sup>-May20<sup>th</sup>,2010 : **Communication Skills**, Honor Faculty, An-Najah National University, Nablus.
- Aug22<sup>th</sup>-Dec.25<sup>th</sup>,2010 : **Introduction to law**, Honor Faculty, An-Najah National University, Nablus.
- Jan.23<sup>th</sup>-May20<sup>th</sup>,2010 : **Strengthening Capacity in the English language**, Honor Faculty, An-Najah National University, Nablus.

- Aug.23<sup>th</sup>-Dec.26<sup>th</sup>,2010 : **Learning Technology**, Honor Faculty, An-Najah National University, Nablus.
- Jan.23<sup>th</sup>-May20<sup>th</sup>,2010 : **Leadership Skills**, Honor Faculty, An-Najah National University, Nablus.

### **COURSES TAUGHT:**

- Numerical Methods for Engineers (21 times)
- Thermal Fluid Systems (13 times)
- Economic and Plants Manegment (2 times)
- Reaction engineering (1 time)
- Thermal Fluid Lab. (3times)
- Fluid Mechanics Lab.(1 time)
- Heat Trensfer Lab.(3times)
- Detergent Lab. (2 times)
- Reaction Lab. (2 times)
- Mass Transfer (1 time)
- Control Lab. (3times)

### **SUPERVISED PROJECTS:**

- *Quality and risk assessment for using sewage sludge produced at Nablus wastewater treatment plant as a fertilizer.* B.sc., 2017.
- *Using solar dried Sewage Sludge as a Biomass Resource for the Production of Energy: risk assessment and feasilibilty study.* B.sc., 2017.
- *Biodiesel production from wastewater sludge produced at Nablus wastewater treatment plant.* B.sc., 2016-2017.

### **LANGUAGE:**

	<b>Speaking</b>	<b>Writing</b>	<b>Reading</b>
<b>Arabic</b>	Fluent	Fluent	Fluent
<b>English</b>	V. good	V. good	V. good

### **COMPUTER:**

- MS Office (Word, Excel, PowerPoint), Poly Math, Proceed, Hysis, Chemicad, Matlab, and Internet.

### **PROFESSIONAL SOCIETY MEMBERSHIPS**

Jordan Engineering Association.

ABET committee (member), Chemical engineering department, 2016-now.

### **REFEREES:**

- **Available upon request**