

**Khadija Alaamri**  
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## **WORK EXPERIENCE**

Research Assistance, Oil and Gas Research Center, Sultan Qaboos University, 2015 – now

- Adhere to health and safety instructions, and ensure that laboratory users do that
- Conduct literature reviews
- Request or acquire equipment or supplies necessary for the project
- Develop experiments protocols
- Prepare and attend project meetings
- Prepare progress reports
- Supervising laboratory equipment
- Write and contribute to publications
- Assist and supervise postgraduate students
- Handle any laboratory analytical task
- Perform miscellaneous job-related duties as assigned

## **EDUCATION**

- Master of Science, Petroleum and Natural Gas Engineering, Sultan Qaboos University, September 2020
- Bachelor of Engineering, Petroleum and Natural Gas Engineering, Sultan Qaboos University, May 2014

## **INDUSTRY INTERNSHIP**

*Reservoir Engineer Intern* – Shell Development Oman June-July, 2013

- Understand project problem and prepare work plan
- Collect needed data from Petroleum Development Oman (PDO)
- Create a salinity map for Lekhwair A-North field
- Present the project in PDO

## **PROGRAMS**

GMC and OFM, ECLIPSE 100, C++ and MATLAB

## **MAIN PROJECTS**

As a Research Assistant, I worked on:

1. *Biodiesel Production from Waste Cooking Oil for Use as Fuel: Integrating Environment, Economic, and Social Aspects, HM Grant, 2021-2023*
2. *Sahmah Field Development Plan, HydroCarbon Finder Oman (HCF), 2016-2020*
3. *Treatment of Back Produced Water Containing Polymer (Marmul Fluid), SNF Floerger, 2015-2016*
4. *Mechanistic Study of Alkaline-Surfactant-Polymer EOR, Petroleum Development Oman, 2015*

MSc and B.Eng projects:

5. *Biosurfactant to Improve the Flow Properties of Omani Heavy Crude Oil for Pipeline Transportation, Master's thesis project, 2020*
6. *Awafi Field Development Plan, Final Year Project, 2014*
7. *Create a Salinity Map for Lekhwair A-North Field, Internship project at Shell Development Oman, 2013*

## **MEMBERSHIPS**

- Steering Committee Member and Session Chair, "Women to Excel: Network, Diversify and Inspire", 2018 SPE
- Women's Workshop, Society of Petroleum Engineers International, Jul 2017 – Mar 2018
- Committee Member, "Development of the national vocational criteria in oil and gas sector", Oman Society for Petroleum Services (OPAL), Feb 2017 – Dec 2018
- Vice-President of Projects Committee, Society of Petroleum Engineers (SPE), September 2012 – May 2013
- A member in Society of Petroleum Engineers (SPE), 2011
- A member in Computer Science Group, 2010
- Participating in Sport Days of College of Engineering

## **SKILLS & CERTIFICATIONS**

**Skills:** Technical writing; Technical Presentation

**Certifications:** Introduction to CMG's Modelling Workflows, CEOR using CMG simulator (STARS), H2S&SO2 Entry Permit; HSE Orientation Permit

## **References**

- Farooq Al Jahwari, PhD, Assistant Professor and Director of Oil and Gas Research Center, Department of Mechanical and Industrial Engineering, Sultan Qaboos University, +968 91272183
- Yahya Al-Wahaibi, Deputy Vice Chancellor for Academic Affairs and Research at A'Sharqiyah University, +96899358758