

# Doaa Farouq Yasser Seder

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## Personal Information:

- Date of birth: 23 June 1993
- Place of birth: Hebron-Palestine
- ID number: 855046488

## Objectives

- To improve my technical skills and information in chemistry.
- To be an active person in the community and country who contribute to mission, vision and values.

## Education

**2017-2020: An-Najah National University, Nablus**

MSc. In Chemistry, (4/4)

**2011-2015: Palestine Polytechnic University, Hebron**

BSc. in Applied Chemistry, (92.3%)

**2015-2016: Palestine Polytechnic University, Hebron**

Diploma educational qualification, (86.5%)

**2010-2011: Wedad Naser Aldeen Secondary School, Hebron**

Tawjihi, Scientific field, (97.0%)

## Experience:

- **2021 - Now**  
Chemistry Lab instructor  
Palestine Polytechnic University

The job include:

- ✓ Teaching Chemistry and biochemistry laboratories
- ✓ Teaching students how to perform experiments, how to deal with lab material, organizing them and dealing with their problems.
- ✓ Preparing lab equipment and materials for students.
- ✓ Equipment calibration, maintenance and operation.

- **2017 - 2021**  
Part time chemistry lab instructor  
Palestine Polytechnic University

The job include:

- ✓ Teaching students how to perform experiments, how to deal with lab material, organizing them and dealing with their problems.
- ✓ Preparing lab equipment and materials for students.
- ✓ Equipment calibration, maintenance and operation.

- **2016 – 2017**  
Full time chemistry lab instructor  
Palestine Polytechnic University

The job include:

- ✓ Teaching students how to perform experiments, how to deal with lab material, organizing them and dealing with their problems.
- ✓ Preparing lab equipment and materials for students.
- ✓ Equipment calibration, maintenance and operation.
- ✓ Writing and preparing experiments for chemistry labs.

- **July 2015 – Jun 2016**

- **Technical consultant for natural product extraction and processing.**

Chemistry and biotechnology labs at Palestine Polytechnic University – *World Bank funded project (QIF)*

The job include:

- ✓ Working in techniques used in the extraction of bioactive compounds from plants.
- ✓ Processing plant extract into product such as cosmetics.
- ✓ Equipment calibration, maintenance and operation.
- ✓ Students training on natural products extraction and processing.
- ✓ Method developments and improvement using different techniques.
- ✓ Set the quality control for process and products.

- **2015 - 2016**

- **Part time chemistry lab instructor**

Palestine Polytechnic University

The job include:

- ✓ Teaching students how to perform some chemistry experiments, how to deal with lab material, organizing them and dealing with their problems

- **March - June, 2015**

- **Trainer at Biotechnology Research Center**

Palestinian Polytechnic University.

The training include:

- ✓ Preparation of different culus media for asphodelus.
- ✓ Using different techniques for identification of phenolics compounds on the media including TLC, LPLC and HPLC.
- ✓ Extraction of DNA from different cell types.
- ✓ Amplification of DNA by *PCR* and analysis by agarose gel electrophoresis.
- ✓ Running SDS-PAGE for protein samples.

- **February, 2015**

- **School teaching training**

Yasser Amro secondary school.

The training include:

- ✓ Teaching seventh, eighth and tenth classes, giving exams, do some experiments for students in school lab, dealing with student's problem and dealing with school rules.

- **August, 2014**

- **Trainer at QC laboratory**

Beirzait Pharmaceutical Company

The training include:

- ✓ Testing pharmaceutical products by following the testing calendar, protocols and specified methods to produce accurate results, using HPLC, dissolution, disintegration and other equipment.

## Skills

- **Language skills**

Arabic

Mother tongue

English (Reading, Writing, Understanding, Speaking) Good

- ✓ Access on Amideast English microscholarship program for two years 2009,2010.
- ✓ IELTS exam result 5.5, July 2015.

- **Technical Skills**

- ✓ Using *PCR*, *Gel electrophoresis* and *SDS-PAGE* techniques for DNA and protein analysis.
- ✓ Using *HPLC* for different type of analysis.
- ✓ Using Lab instrument (IR, UV-Vis spectrophotometer, AAS, GC, polarograph....).
- ✓ Writing protocols and procedures for experiments.
- ✓ Ability to design experiments for course laboratories.
- ✓ Ability to write reports and keep records for lab experiments and equipment logs.
- ✓ Using MS office: Word, Excel and PowerPoint.
- ✓ Using software for instrument operation (labsolution, UVprob, Breeze, SOLAAR and LP)
- ✓ Using computer programs (ChemDraw and Rasmole)

- **Other skills**

- ✓ Good communication skills.
- ✓ Ability to work under pressure.
- ✓ Accuracy and Attention to details.
- ✓ Problem solving ability.
- ✓ Self-motivated, initiative and high level of energy.
- ✓ Ability to organize groups.
- ✓ Ability to works in group.

## References

Prof. Hikmat Hilal  
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An-Najah National University  
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