

# Curriculum Vitae

## Personal Information:

Name: NOUF JABER H ALHARBI

Nationality: Saudi

Date of Birth: 10/05/1985

Personal Status: Single

Address: Saudi Arabia, Jazan- Abu Arish. P.O.BOX:1265

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Native Language: Arabic

Other Languages: English

## Academic Qualifications:

- 2007, Bachelor's degree of Science and Education from the University of Jazan in physics with percentage grade (91.49%) out 100% Excellent with honor.
- 2010, Diploma in Special Education, Mental Disability from the Deanship of Community Service & Continuing Education with GPA (4.9) out 5 with grade Excellent.
- 2012, Earned Level 112 in the intensive program- English for Academic purposes Offered by ELS language centers from Point Park University, USA.
- 2014, Master's degree of Science from Texas Tech University in Applied physics in specialization of Nanotechnology with GPA (3.60) Out 4.
- 2018, I am currently in PhD program in the UK at University of Nottingham.

## Scientific and Administrative Positions:

- 2016, I am teaching assistant at Alardha University.
- 2018, Head of the Special Needs Unit, Physics Department, Alardah University.

## Scientific and Professional Memberships:

- 2016, Member of Golden Key International Honour Society by Texas Tech University.
- 2018, Member of the Committee for the evaluation of tests at Alardah University.
- 2018, Member of the internal review committee at Alardah University.
- 2018, Member of the Academic Advising Committee for new Physics students at Alardah University.
- 2018, Member of the Quality and Academic Development Unit in the Physics department at Alardah University.

## Teaching Experiences:

- 2018, Classical Mechanics in the First Semester at Alardah University.
- 2018, General Physics Lab in the First and Second Semesters at Alardah University.
- 2018, Medical Physics 2 Lab in the First Semester at Alardah University.
- 2018, Modern Physics Lab in the Second Semester at Alardah University.
- 2018, Properties of material and heat Lab in the Second Semester at Alardah University.

## Conferences:

- 2014 in Dubai (UAE) at the First Workshop on Materials Science and Modeling, presented a poster “Fourier Plane Microscope for Imaging Plasmonic Crystals” and competed for the best graduate student award. I was one of three graduate students who received “His Highness Sheikh Ahmed Bin Saeed Al Maktum Graduate Student Award.
- 2014 in San Francisco (USA) at the 4<sup>th</sup> international conference on Nanotek & Expo, presented poster in the development of Fourier Plane Imaging Microscopy (FPIM) under name of Texas Tech University.
- 2017 in Los Angeles (USA) at The Optical Society, managed by Frontiers in Optical and Laser Science APS/DLS (OSA), I attended the lectures in The Optical Fiber Communication Conference and Exhibition.
- 2018, attendance in the sixth Saudi international meeting on frontiers of physics in science college at Jazan University (SA) from 27 Feb to 1 March.
- 2018, participation in the Enrichment program in the spring at King Abdullah University of science and technology (SA) from April 29 to May 03.
- 2019, attendance in the energy for life: Energy solutions for developing economies conference managed by ETRI which held at University of Nottingham, UK.
- 2019, attendance ISSC-22 Interdisciplinary Surface Science conference managed by IOP (Institute of Physics) which held at Village Hotel, Swansea, UK.

## Publications:

- “Fourier plane imaging microscopy,” D. Dominguez, N. Alharbi, M. Alhusain, A. A. Bernussi, and L. Grave de Peralta, J. of Appl. Phys. 116, 103102 (2014). Featured in: Physics Today 67, page. 20, November 2014.
- “Fourier Plane Imaging Microscopy for Detection of Plasmonic Crystals with Periods beyond the Optical Diffraction Limit,” D. Dominguez, M. Alhusain, N. Alharbi, A. A. Bernussi, and L. Grave de Peralta, Plasmonics DOI 10.1007/s11468-015-9938-x (2015).
- “Imaging Photonic Crystals Using Hemispherical Digital Condensers and Phase-Recovery Techniques,” Maged Alotaibi, Sueli Skinner-Ramos, Hira Farooq, Nouf Alharbi, Hawra Alghasham, and Luis Grave de Peralta, Applied Optics, Vol 57, No. 14/10 May (2018).

## Training Courses:

- 2018, Writing a meaningful course report at Alardah University, SA.
- 2018, Effective academic leadership at Holiday Hotel, Jazan, Saudi Arabia.

- 2018, Building research record for researchers and methods of measuring scientific productivity which was held through SDL (Saudi Digital Library) Portal.
- 2018, Academic Writing and Scientific Publishing – IEEE which was held through SDL (Saudi Digital Library) Portal.
- 2019, How to be an effective doctoral student at University of Nottingham, UK.
- 2019, Endnote program for managing references which was held through SDL (Saudi Digital Library) Portal.
- 2019, Skills of using the base of IOP science which was held through SDL (Saudi Digital Library) Portal.
- 2019, Writing in the sciences an online course authorized by Stanford University, USA
- 2019, What is the data science? an online course authorized by IBM, USA.
- 2019, Microsoft Outlook: Calendar, Contacts and Tasks at University of Nottingham, UK.
- 2019, Python for Data Science an online course authorized by IBM, USA.
- 2019, A practical Look at Core Teaching Skills at University of Nottingham, UK.
- 2019, Introduction to Endnote for Researchers at University of Nottingham, UK.
- 2019, Introduction to MATLAB for Engineers at University of Nottingham, UK.
- 2019, Further LaTeX for Researchers: developing your skills in LaTeX at University of Nottingham, UK.
- 2019, Microsoft PowerPoint: Creating a Research Poster at University of Nottingham, UK.
- 2019, Microsoft Excel: Essentials at University of Nottingham, UK.
- 2019, Introduction to Transmission Electron Microscopy (TEM) and TEM Sample Preparation at University of Nottingham, UK.
- 2019, Microsoft Word: Creating and Managing Long Documents at University of Nottingham, UK.
- 2019, X- ray Photoelectron Spectroscopy (XPS) at University of Nottingham, UK.
- 2019, MPAGS NS-1 “Nano- Surface 1” module at University of Warwick, UK.
- 2019, X- Publishing requirements in international journals at Saudi Club in Nottingham, UK.
- 2019, Photographs: Working with GIMP at University of Nottingham, UK.
- 2019, Introduction to Database Design at University of Nottingham, UK.
- 2020, Microsoft Word: Working Smarter at University of Nottingham, UK.
- 2020, Microsoft Excel: More Function at University of Nottingham, UK.
- 2020, Identifying and managing intellectual property issues in research at University of Nottingham, UK.
- 2020, Copyright condensed (webinar version) at University of Nottingham, UK.
- 2020, Preparing to teach in Higher Education at University of Nottingham, UK.