



FACULTY FULL NAME: Fawziah Swayan Alhajri

POSITION: lecturer

Personal Data

Nationality | Saudi

Date of Birth | 14\8\1977

Department | physics

Official UoD Email | fsalhajri@iau.edu.sa

Office Phone No. | 403

Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	v.good
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
4\4\1430	Master	King Feisal University	Dammam
2\1421- 5\2000	BSc	Since college	Dammam

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	
Master	Modeling and Simulation of Optical Pulse Propagation in Nonlinear Photonic Devices
Fellowship	
P	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
a physics teacher	University schools in Dhahran	From 5/5/1421



and then a supervisor of physics			H-7/4 / 1426H
trained		Education college in Jubail	The first semester of the year 1427-1428H
Teaching Assistant		Education college in Jubail	The first semester of the year 1429-1430H
Lecturer		Education college in Jubail	The end of first semester 1429-1430 to now

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Assistant to the Department of Physics	Physics department	1431-1430
Member of the Social Committee	Physics department	1430- 1429
Student advisor	Physics department	1429to now
Member of the Tables Committee	Physics department	1429 to now
Member of the Magic Physics Exhibition for five seasons		
Member of the Control Committee (Monitoring)	Physics department	1430-1429
Member of the Laboratory Inventory Committee	Physics department	1430-1429
Chairperson of the Committee of Laboratories	Physics department	1435 to now
Chairperson of the Security and Safety Committee	Physics department	1439 to now
Coordinator of Educational Assistance Section	Physics department	1439 to now
President of the Physics Magic Exhibition for two years	Physics department	1433 1435
Member of the Magic Physics Exhibition for five seasons	Physics department	1433 1435 1436 1437 1438
	Physics department	



Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
	M. A. Alsunaidi, F. S. Alhajiri and A. A. Al-Jabr	Ultra-short Optical Pulse Second Harmonic Generation in Layered Dispersive Media (قيد النشر)	
	M. A. Alsunaidi, F. S. Alhajiri	A Higher-order Accurate FDTD Solution to Scalar SHG Problems,"	<i>Proceeding of PIERS 2007,Prague.Czech Republic, pp .475-478.August 2007.</i>
	M. A. Alsunaidi, F. S. Alhajiri, <i>China</i>	Time-Domain Analysis of Wideband Optical Pulse SHG in Layered Dispersive ,"	<i>PIERS 2009,Beijing</i>
	M. A. Alsunaidi, F. S. Alhajiri and Husain Masoudi	A FDTD Algorithm for the Analysis of Short Optical Pulse Second Harmonic Generation in Dispersive Media ,"	<i>Microwave and Opt.Tecb.Lett, April 2009.</i>
	M. A. Alsunaidi, F. S. Alhajiri	Efficient NL-FDTD Solution Schemes for the Phase-Sensitive Second Harmonic Generation Problem,"	Journal of Lightwave Technology Vol. 27, Issue 22 , pp. 4964-4969 (2009)

Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

Completed Research Projects



#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
	Fourth Conference of Nanotechnology	KFUPM 24-26\1\1438	Attending
	The training program (physics lab between the teacher and the teacher)	15-18\11\1423 Educational Supervision Office in Al Khobar	Speaker
	Exhibition of Talents and First Scientific Creativity	University school 12-25\2\1422	supervisor
	Talent for general education students	High School in Abdullah Fouad neighborhood	Court of Projects

Membership of Scientific and Professional Societies and Organizations

- Member of the Saudi Society of Physical Sciences in Abha 1429 to now(
- Member of Optics Groupe, Electrical Engineering Department, King Fahd University of Petroleum and Minerals from 1427 to now.

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	- all the physics department labs on the old and new plan	-	Teaching and actively participating in the preparation of memorandums of the work - the first to design the new method of laboratory notes by preparing a model for the Hawk experiment
	Laboratory advanced physics	Phys403	eaching - Work description and report of the decision - Participation in the preparation of the note - Training for my colleagues to some experiments with the work of a seminar for this or in a



			personal - Preparing the entire file of the results of the experiments and a description of the work method of PowerPoint and video
	General physics 1	Phys101	Teaching - Participating in the preparation of PowerPoint presentations
	General physics2	Phys102	Teaching - Training of female students on mental work
	Communication to some theoretical subjects (General Physics3 - General Physics2 - Dynamics - Electromagnetism - Electronics - Atomic Physics)	-	Solving exercises with students - applying active learning with students - correcting duties on the Blackboard

Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1			
2			

Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

Student Academic Supervision and Mentoring



#	Level	Number of Students	From	To

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization

Committee Membership

#	From	To	Position	Organization

Scientific Consultations

#	From	To	Institute	Full-time or Part-time

Volunteer Work

#	From	To	Type of Volunteer	Organization



Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Computer, Information technology, technical, English language, programming
2	

Last Update

26/5/2018