



FACULTY FULL NAME:

BUTHAYNA GAMARELDIN ELSHAIKH MOHAMED

POSITION:

lecturer

Personal Data

Nationality | Sudanese

Date of Birth | ٣٠/٩/١٩٧٧

Department | Basic sciences

Official Iau Email | bgelshaikh@iau.edu.sa

Office Phone No. |

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2015	Master of Medical Physics	Sudan University of Science and Technology	Khartoum - Sudan
2003	Bachelor of medical and scientific laboratory technology	Sudan University of Science and Technology	Khartoum - Sudan

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

PhD	
Master	Characterization of Brain Tumor in MRI Images using Image Processing
Fellowship	



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Lecturer	KSA	IMAM ABDURAHMAN BIN FAISAL UNIVERSITY	2016 up to date
Lecturer	SUDAN	Ahfad University for Women – Sudan	2015-2016
Teaching Assistant	SUDAN	GHRB ALNEEL COLLGE	2014-2015
Radiation Protection	SUDAN	Sudanese Atomic Energy Commission	2003-2004

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

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
	BUTHAYNA GAMARELDIN ELSHAIKH MOHAMED	Characterization of Brain Tumor in MRI Images using Image Processing	2015 Sudan University of Science and Technology

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
	Quality Control	Sudanese German Center for Quality Assurance ٢٠٠٣	
	Student Centered Teaching-Cooperative Learning	American University of Beirut, Jan 2016	
	Course Syllabus Design & Learning Outcomes, American University of Beirut, Jan 2016.	American University of Beirut, Jan 2016.	
	Radiation Protection in Diagnostic Radiology, SAEC Training Course, Aug 2016.	SAEC Training Course, Aug 2016.	

Membership of Scientific and Professional Societies and Organizations

- Sudanese National Council For Medical & Health Professions
- Sudanese Physicists Forum
- Sudanese Researchers Initiative

Teaching Activities

Undergraduate



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
	Medical physics course	first year <i>Freshman</i>	Lectures, labs
	General physics	first year <i>Freshman</i>	Lectures, labs
	Practical physics	Prep- year ph 104	labs
	Learning and research skills	LRSK 141	Lectures
	Statistics	Statistic 114	Lectures

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

Medical physics course:(first year *Freshman*)Introduction to Medical Physics An introduction to key physical principles as applied to medical imaging and radiation therapy. Topics covered will include: imaging metrics, ionizing radiation and radiation safety, radioactivity, radiation therapy, computed tomography, nuclear medicine, ultrasound, and magnetic resonance imaging

General physics:((first year *Freshman*) General Physics designed to present concepts and applications of the following topics: kinematics, dynamics, gravitation, energy, momentum and heat.

Practical physics Prep- year physics 104

Learning and research skills: LRSK 141 The significance of the learning and research skills book in the health& engineering sectors cannot be denied. Excellent professional writing is a pre-requisite for successful students. This course aims at developing students' learning skills, research methods and ethics, researching the literature, the writing up process, performing well in exams and succeeding in exams. The course includes eight chapters at basic and intermediate levels.

Statistic 114 Introduction to statistic

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
	PREPARATORY	23	2016	2017
	PREPARATORY	33	2017	2018
	PREPARATORY	33	2018	2019

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
	2016	To date	Member	Academic advisory
	2017	To date	Member	Student configuration programs

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	Microsoft office
2	Spss ,Megastat
3	IDL



Last Update

...../...../2016