



Rana Saleh AlThukair

Lecturer

Personal Data

Nationality | Saudi

Department | Clinical Laboratory Sciences

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Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2003/2004 1424/1425	M.Sc in Biochemistry	College of Medicine King Faisal University	Dammam
1994 (1414)	B.Sc in Medical laboratory Technology	College of Medicine & Applied Sciences King Faisal University	Dammam

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

Master	Soluble Adhesion Molecules sICAM-1, sVCAM -1 and sE-selectin in Saudi Type 2 Diabetic Patients
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Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Date
Lecturer	Department of Clinical Laboratory Sciences	College of Applied Medical Sciences (CAMS) University of Dammam (UOD)	2009- Current
Demonstrator	Department of Medical Laboratory Technology	College of Applied Medical Sciences (CAMS) University of Dammam (UOD)	1995- 2009



Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Academic affairs coordinator-Females Section	College of Applied Medical Sciences	2005- 2022
Coordinator of MLT Department	College of Applied Medical Sciences University of Dammam	2007- 2011

Scientific Achievements

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Empowering the Digital Generation: Transforming University Education for the Future	Online August 21, 2024	attendance
2	Assessment Foundations	Online March 18, 2024	attendance
3	The 8 th Annual Conference of The Saudi Society for Clinical Chemistry	Online December 6-8, 2022	attendance
4	4 th International Meeting on Clinical Chemistry and Laboratory Medicine	Online December 6-8, 2022	attendance
5	Integrating Technology into the Online Classrooms	Online March 9, 2021	attendance
6	New Trends in E- learning	Imam Abdulrahman Bin Faisal University (IAU) CAMS - December 2, 2019	attendance
8	Learning Strategies	UOD September 2015	attendance
9	Students Assessments	CAMS February 2014	attendance
10	Symposium on" 2 nd Update inLaboratory Medicine"	King Fahad Hospital of the University April 2013	Organization andattendance
12	Research Methods and Applied Statistics	UOD April 2012	attendance
14	Assessment strategies in Higher Education	UOD April 2012	attendance
15	Symposium on" Update in Laboratory Medicine"	King Fahad Hospital of the University April 2011	Organization and attendance
16	Symposium on "Stem Cells and future applications in the treatment of diseases."	UOD April 2011	attendance
17	Workshop on "the best ways to do scientific research creativity"	UOD February 2011	attendance
18	The 1 st annual postgraduate assembly	UOD June 2010	attendance
19	Current Trends and New Challenges in Clinical Laboratory Sciences	King Fahad Hospital of the University April 2009	Organization andattendance
22	The future of Medical Laboratory Technology: Expectations and challenges	King Fahad Hospital of the University April 27-28, 2005	"Participated in poster session" Title: "sICAM-1, sVCAM-1 and s E-Selectin are elevated in type 2 Diabetic Patients withoutMicroalbuminuria "



Teaching Activities

Undergraduate

#	Course/Rotation Title	No./code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Laboratory Practice and Instrumentation	CLS 201	Teaching Load: 3
2	Clinical Chemistry I	CLS 208	Teaching Load: 4
3	Clinical Chemistry II	CLS 302	Teaching Load: 4
4	Research Methodology	HIMT 325	Teaching Load: 2
5	Laboratory Management	MLT 326	Teaching Load: 2
6	Clinical Chemistry Rotation	MLT 422	Teaching Load: 8

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

1	Laboratory Practice and Instrumentation – CLS 201 The aim of this course is to identify the basic laboratory instruments and their operating principles. In addition, to recognize the different parts of the lab instruments and their uses.
2	Clinical Chemistry I – CLS 208 The aim of the course is to describe the clinical significance of various chemical constituents in various body fluids, relate it to clinical chemistry diagnostic tests and correlate them to disease state.
3	Clinical Chemistry II – CLS 302 The aim of the course is to describe the body systems, relate it to clinical chemistry diagnostic tests and correlate them to disease state.
4	Research Methodology- HIMT 325 The course will help students to read research articles critically and construct meaningful research papers.
5	Laboratory Management- MLT 326 The course provides the basic knowledge about the organization, planning, basic administrative, financial, and quality management aspects of the laboratory.
6	Clinical Chemistry Rotation – MLT 422 The aim of this course is to practice the diagnostic clinical chemistry tests using automated analyzers in hospital labs.

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Research Methodology	CLS 701	Teaching Load: 3
2	Food & Nutrition Instrumentation	NUTR 621	Teaching Load: 4



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

1	Research Methodology - CLS 701 The course addresses the eight principal methods in health research together with the ethical commitments of researchers and future authors.
2	Food & Nutrition Instrumentation – NUTR 621 The objective of this course is to enable students develop advanced analytical skills to use food and nutrition laboratory and clinical instruments.

Course Coordination

#	Course Title and Code	Coordination	Undergrad.	Postgrad.	From	to
1	Laboratory Practice and Instrumentation	✓	✓		2022	current
2	Clinical Chemistry I	✓	✓		2012	current
3	Medical Instrumentation	✓	✓		2013	2016

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
1	CLS III	12	2010	2016
2	CLS IV	Graduation Project	2014	2015

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

Administrative Responsibilities

#	From	To	Position	Organization
1	2005	2022	Academic affairs coordinator – Females Section	CAMS

Committee Membership

#	From	To	Position	Organization
1	2023	Current	Head	Committee for the Development of Academic Programs and Curricula College of Applied Medical Sciences
2	2018	Current	Head	Curriculum Committee Department of Clinical Laboratory Sciences (CLS)
3	2015	2020	Member	Team of Excellence
4	2014	2020	Head	NCAAA (Standard 4) steering committee
5	2014		Member	Scientific committee for Career Day- UOD
6	2009	2019	Member	Academic Committee - CAMS
7	2010	2014	Member	Curriculum Committee - CLS
8	2010	2013	Member	Organization committee for excellent students party - CAMS
9	2010		Member	Organization committee for CAMS's open day



Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1	February 2020	November 2020	Academic Consultation Services Provided to Clinical Laboratory Science Program at Al Prince Sultan College	Part- time

Volunteer Work

#	From	To	Type of Volunteer	Organization
1	October 2024		Member of community service committee (International Day of Poverty)	Department of Clinical Laboratory Sciences - CAMS
2	March 2021		Member of community service committee for health awareness at AlTarbiah AlAhlahi School "A Tour in the World of Microbes."	Department of Clinical Laboratory Sciences - CAMS
3	November 2016		International Day of Diabetes	Department of Clinical Laboratory Sciences - CAMS
4	January 2015		Member of judgment committee in MAWHIBAScience Exhibition	King Abdul Aziz & his Companions Foundation for Giftedness & Creativity.
5	December 2013		Member of organization & scientific committee for public health awareness campaign "Go Green" at AlTarbiah AlAhlahi School	Department of Clinical Laboratory Sciences
6	March 2013		Member of organization & scientific committee for public health awareness campaign "What do you know about?" at Al-Rashid Mall	Department of Clinical Laboratory Sciences
7	March 2012		Member of organization & scientific committee for public health awareness campaign "Premarital screening" in Al-Rashid Mall	Department of Clinical Laboratory Sciences
8	December 2009		Member of judgment committee in MAWHIBA Science Exhibition	King Abdul Aziz & his Companions Foundation for Giftedness & Creativity.

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

1	Communication skills
2	Problem solving
3	Decision-making skills
4	Interpersonal skills

Last Update 4/11/2024