



# Noor Mahmoud Naffaa

Lecturer

## Personal Data

Nationality | Saudi

Department | Clinical Laboratory Sciences

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## Language Proficiency

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

## Academic Qualifications

Date	Academic Degree	Place of Issue	Address
2020	Masters in clinical laboratory sciences: Hematology	Saudi Arabia	IAU, Dammam
2008	Bachelor	Saudi Arabia	IAU, Dammam

## Master Research Title

Prevalence of Red Cell Phenotypes Among Donors in King Fahd Hospital of the University, Al-Khobar



## Professional Record

Job Rank	Place and Address of Work		Date
Lecturer	IAU	Dammam	June 2022 - Present
Assistant lecturer	IAU	Dammam	Sep 2009 – June 2022
Intern	JHAH	Dhahran	Sep 2008 – Aug 2009

## Scientific Achievements

### Published Refereed Scientific Researches

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Amani Y Owaidah Noor M Naffaa Arwa Alumran Faisal Alzahrani	Phenotype Frequencies of Major Blood Group Systems (Rh, Kell, Kidd, Duffy, MNS, P, Lewis, and Lutheran) Among Blood Donors in the Eastern Region of Saudi Arabia	Journal of Blood Medicine Feb 13, 2020

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	AI Applications in Higher Education Student Assessment Practices	Webinar – October 15, 2024	Attendee
2	Maharat min Google Fundamentals of Digital Marketing	Webinar – October 14, 2024	Attendee
3	Using AI Tools for Academic Integrity: Reference Management and Plagiarism Detection	Webinar – August 27, 2024	Attendee
4	إعداد وإدارة الاختبارات الإلكترونية	Webinar – 2023	Attendee
5	Google Extensions	Webinar – 2023	Attendee



6	إنشاء مخازن الأسئلة وربطها مع أداة الاختبارات	Webinar – 2023	Attendee
7	تعزيز التعلم الذاتي باستخدام أداة التخصيص	Webinar – 2023	Attendee
8	تحليل جودة الأسئلة والتقييمات باستخدام البلاك بورد	Webinar – 2023	Attendee
9	استخدام برنامج زووم في التعليم – مستوى متقدم	Webinar – 2023	Attendee
10	قياس مخرجات التعلم باستخدام البلاك بورد	Webinar – 2023	Attendee
11	Microsoft Lists	Webinar – Dec 13, 2022	Attendee
12	Microsoft Power App	Webinar – Oct 12, 2022	Attendee
13	مهارات استخدام البريد الإلكتروني (Outlook)	Webinar – Oct 4, 2022	Attendee
14	10 Effective Formative Assessment Techniques for the Classroom	Webinar – Sep 27, 2022	Attendee

## Teaching Activities

### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Medical Instrumentation	MLT 213	Laboratory
2	Hematology I	MLT 223R	Lecture/tutorials
3	Hematology II	MLT 313	Lecture/ tutorials
4	Clinical Hematology Rotation	MLT 411	Lecture/ tutorials
5	Blood Banking and Transfusion Medicine	MLT 321	Lecture/ tutorials
6	Clinical Blood Banking Rotation	MLT 412	Lecture/ tutorials
7	Clinical Immunology and Serology	MLT 423	Lecture/ tutorials



### Brief Description of Undergraduate Courses Taught:

**Medical Instrumentation – MLT 213:** The aim of this course is to provide knowledge about the basic types of clinical laboratory instruments and the principles of their operation and use.

**Hematology I - MLT 223R:** The course aims to study the normal maturation sequence of both white blood cells (WBC) and red blood cells (RBCs) and their benign and abnormal disorders. In addition to the study of Pathology and Physiology of the formed elements of blood with an emphasis on clinical correlation.

**Hematology II - MLT 313:** The course aims to provide students with the necessary knowledge to understand principles and physiologic significance of coagulation and to provide students with the ability to perform many basic tests integral to a coagulation laboratory.

**Clinical Hematology Rotation - MLT 411:** This course continues and consolidates the theoretical and practical application of routine and special hematological procedures, both manual and automated with stress on new automated techniques.

**Blood Banking and Transfusion Medicine - MLT 321:** This course will introduce the students to the theoretical aspects of immunohematology and introduce comprehensive and evolving discipline of transfusion medicine.

**Clinical Blood Banking Rotation – MLT 412:** This course aims to initiate students for the clinical applications and result interpretations of the serologic tests and methods used in the blood bank laboratories. This course permits for MLT students the management of blood and blood components that are used in the operative, emergency, and surgical rooms. This course will help students to manage the blood units and to take the appropriate decision to choose the compatible blood unit for transfusion.

**Clinical Immunology and Serology – MLT 423:** By the end of the course students should be able to improve their skills and broad their information based on fundamental knowledge gained from courses during level 3 and process clinical samples from patients suffering from immunological diseases.

### Course Coordination

#	Course Title and Code	Coordination	Undergrad.	From	To
1	Clinical Blood Banking Rotation - MLT412	√	√	August 2024	Present



## Administrative Responsibilities and Committee Memberships

### Administrative Responsibilities

#	From	To	Position	Organization
1	April 2022	March 2023	CLS internship coordinator	CAMS – IAU
2	Feb 2012	June 2015	CLS academic affairs coordinator	CAMS – IAU

### Committee Membership

#	From	To	Position	Organization
1	Oct 2024	Present	Member of training and internship committee	CAMS - IAU

## Personal Key Competencies and Skills

1	Personal competencies: Analytical thinking, attention to details, adaptability, time management, problem solving, responsibility, collaboration and active listening.
2	Programming Languages: Proficient in Python, with experience in R for data analysis.
3	Software Proficiency: Skilled in Microsoft Office Suite (Word, PowerPoint, Excel, Teams, OneDrive).
4	Data Analysis: Proficient in Python libraries such as Pandas, Numpy, and Matplotlib.
5	Operating Systems: Familiar with Linux, Windows, and macOS environments.
6	Information Technology: Ability to diagnose and resolve software issues efficiently.
7	Machine Learning and AI: Familiar with TensorFlow, Keras, and Scikit-learn for advanced technical projects.

## Last Update

16/10/2024