



RANA MOHAMMAD ELSHIMY

PERSONAL INFORMATION Rana Mohammad Ali ElShimy

📍 19 Khamyel compound -6th of October –Giza-
Egypt

☎ 00201223873478

✉ rokashimy@yahoo.com

Sex Female | Date of birth 30/09/1988 | Nationality Egyptian

PERSONAL STATEMENT

I believe that knowledge is far more valuable when shared. Therefore, teaching is one of the most important careers as it delivers and imparts knowledge to others. Being a lecturer at Microbiology and Public health department at Ahram Canadian University University for Sustainable Development, helps me a lot not only in improving my teaching skills, but also encourages me to pursue long-life career in teaching and research. Teaching and research are considered as very powerful tools that contribute in developing both of staff members and their students.

CAREER OBJECTIVE

Seeking for sharing in microbiology project or teaching and indulging students in creative practices so help them emerge as innovative microbiologists and pharmacists. And to begin my lecturer career at a highly reputed and eminent educational institute and to gain exceptional career move ahead through long efforts and performance regularity.

WORK EXPERIENCE

July 2021-Presesnt

Assistant Professor

Faculty of Pharmacy, Ahram Canadian University, (Egypt)

- Microbiology and Immunology Department, Ahram Canadian University, Cairo (Egypt)
- Design teaching material and deliver either across a range of modules or within a subject area.
- Use appropriate teaching, learning support and assessment methods.
- Supervise student projects, and/or e.g. field trips and, where appropriate, placement including overseas provision.
- Identify areas where current provision that is in need of revision or improvement.
- Contribute to the planning, design and development of objectives and material including modules and programmes.
- Set, mark and assess work and examinations and provide feedback to students.
- A member of Quality unit in faculty of pharmacy, Ahram Canadian University, Cairo (Egypt).
- Quality coordinator of Microbiology and Immunology department.
- A member of Second level control team.
- A member of Faculty of Pharmacy, Ahram Canadian University consultation office.
- A member of Faculty of Pharmacy, Ahram Canadian University internal audit committee.

Sep 2019–Present

Assistant Lecturer

Faculty of dentistry Ahram Canadian University, (Egypt)

- Teach as a member of a teaching team within an established program of study.
- Develop own teaching materials, methods and approaches.
- Supervise the graduation projects of the students, provide advice on study skills and help them with learning problems.
- Set and mark assignments and set examination questions as well as assessing the work and progress of students.

- Plan own day-to day activity within the framework of the agreed program.
- Use teaching resources and facilities as appropriate.
- Plan and manage own teaching and tutorials.
- Courses: (Parasitology, General Microbiology and Immunology, Medical Microbiology, Pharmaceutical Microbiology)

Sep 2018–Mar 2019

Assistant Lecturer

Faculty of pharmacy Ahram Canadian University, (Egypt)

- Teach as a member of a teaching team within an established program of study.
- Develop own teaching materials, methods and approaches.
- Supervise the graduation projects of the students, provide advice on study skills and help them with learning problems.
- Set and mark assignments and set examination questions as well as assessing the work and progress of students.
- Plan own day-to day activity within the framework of the agreed program.
- Use teaching resources and facilities as appropriate.
- Plan and manage own teaching and tutorials.
- Courses: (Parasitology, General Microbiology and Immunology, Medical Microbiology, Pharmaceutical Microbiology)

Jan 2018–Jan 2020

Research Assistant

Ahram Canadian University, (Egypt)

Researcher in DESPAC project

Aug 2014–present

Research Assistant

National Organization for Drug Control and Research., Giza (Egypt)

Department: Microbiology & Molecular Biology laboratory

Responsibilities:

- Perform microbial count and pathogenicity of non sterile products.
- Perform sterility test to sterile pharmaceutical products according to USP.
- Training of the newly employee and undergraduate students.
- Document controller at Microbiology lab (**NODCAR**) National Organization for Drug Control and Research.
- Prepare and maintain SOPs for all lab equipment acc. to ISO Standards
- Maintain the files and control logs.
- Prepare and maintain SOPs for all lab equipment according to ISO Standards
- Maintain the files and control logs of Microbiology Lab.

-Document control and maintenance.

Jun 2013–Aug 2014

Research Assistant

National Organization for Drug Control and Research., Giza (Egypt)

Department: Registration.

Responsibilities:

- *Registration of Medicines.
- *Acceptance of drug profiles, writing reports and maintenance.
- *Application of Common Technical Document (CTD) system.

Jul 2012–Jun 2013

Quality assurance specialist

VACSERA, Giza (Egypt)

Department: Quality Control Department, sterility lab.

Responsibilities:

- *Sterility by direct inoculation.
- *Sterility by membrane filtration.
- *Growth promotion test.
- *Writing quality control reports.

Aug 2011–Jul 2012

Quality assurance specialist

VACSERA, Giza (Egypt)

Department: Quality Control Department, bacteriology lab.

Responsibilities:

- *Performing typhoid potency, challenge and immunization.
- *Performing L.F. test.
- * Performing dephteria challenge.
- * Awareness and application of S.O.P.
- * Awareness and application of G.M.P.
- *How to apply ISO 17025.
- *Writing quality control reports.

1 Aug 2010–31 Jul 2011

Product specialist for mesotherapy products in UHC

Company

Responsibilities:

- Butox and filler injection as well as lipolysis products.
- Marketing of company products.

1 Aug 2010–31 Jul 2011

Community Pharmacist

Nada pharmacies, Cairo (Egypt)

EDUCATION AND TRAINING

Sep 2017–present

PhD degree: Microbiology and Immunology Department

Faculty of Pharmacy, Cairo University., Cairo (Egypt)

Thesis Title:

" A Study of virulence and antibiotic resistance of *Escherichia coli* Clinical Isolates from Greater Cairo Area"

Jan 2012–Jul 2017

Master's Degree, Microbiology and Immunology Department

RANA ELSHIMY

Faculty of Pharmacy, Cairo University., Cairo (Egypt)

Thesis Title:

" Study on prevalence and genetic discrimination of methicillin-resistant *Staphylococcus aureus* (MRSA) in Egyptian hospitals "

1 Jan 2012–28 Feb 2012

Basic cGMP Training course

VACSERA, Giza (Egypt)

1 Oct 2005–30 Jun 2010

Bachelor degree in of pharmaceutical sciences

Faculty of pharmacy, Cairo University, Cairo (Egypt)

PERSONAL SKILLS

Mother tongue (s) Arabic

Foreign language Excellent (TOEFL ITP Score :580).

Communication skills Excellent interpersonal skills, Good communicator, High integrity

Organisational / managerial skills Strong planner, perfect leader, have high Organizing and monitoring abilities, an efficient time-manager

Job-related skills Energetic and positive outlook, which often inspires others.
Willing to learn and take on new challenges.
Ability to handle multi tasks

Digital skills ICDL certificate, Operating Systems Windows 10, Office Applications Microsoft Word, PowerPoint, Excel

Other skills Reading – fiction and non-fiction. I'm very interested in reading to acquire a healthier mind and becoming the best version of oneself.
I also play swimming as a hobby.

Driving licence B

ADDITIONAL INFORMATION

Publications

- Publication of manuscript at Microbial Drug Resistance on 2021 May 26 entitled "**A Study on Multidrug-Resistant *Escherichia coli* Clinical Isolates from Different Hospitals in Greater Cairo**".
- Publication of manuscript at Analytical Biochemistry Journal on 2020 Nov 15;609:113890 entitled "**Detection of *Acinetobacter baumannii* in fresh produce using modified magnetic nanoparticles and PCR**".

- Publication of manuscript at African Journal of Microbiology Research (July 2018). Manuscript entitled: "**Study on prevalence and genetic discrimination of methicillin-resistant *Staphylococcus aureus* (MRSA) in Egyptian hospitals**" published in AJMR vol. 12 Issue 27
- Publication of manuscript at *Spectrochimica Acta Part A* (2022). **Fast detection of bacterial contamination in fresh produce using FTIR and spectral classification: *Molecular and Biomolecular Spectroscopy*.**
- Publication of manuscript at *Biology* (July 2022). **What Is behind the Correlation Analysis of Diarrheagenic *E. coli* Pathotypes?.** 11(7), p.1004.
- Elshimy, R. (2022). **Escherichia coli (*E. coli*) Resistance against Last Resort Antibiotics and Novel Approaches to Combat Antibiotic Resistance.** *Escherichia coli*.

**EXTRACURRICULAR
ACTIVITIES**

- Volunteer at Resala Charity Organization: Teaching science for blind Students.
- Workshop on the next generation Microbial Identification for the 21st century (MALDI BIOTYPER), NODCAR (Jan, 2015)
- Member of The General Syndicate of Pharmacists, Egypt (2010 - Present).
- Member of The Giza Syndicate of Pharmacists, Egypt (2010 - Present).
- Basic cGMP Training course at VACSERA (JAN-FEB /2012) ISO 17025.
- Workshop on application of Real time PCR in diagnosis of reproductive diseases at national agricultural institute.
- Poster presentation at FUE 4th conference (study on prevalence and genetic discrimination of MRSA in Egyptian hospital)
- Workshop on awareness of ISO 9001:2025.
- Workshop on " Research article from hypothesis to publication"
- Workshop on How to write an outstanding thesis: section by section"
- Workshop on Strategic planning at NAQAE

RANA EL SHAMY