

Raghda El-Said El-Dessouky

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Current Position (Fall 2019 – to date) The American University of Kuwait

Instructor of Chemistry Laboratory Courses.
Instructor of Biology

Education 2010-2016 The American University in Cairo

M. Sc. in Chemistry (with concentration in Nanotechnology)

- Graduated with a **GPA of 3.83**

Thesis topic: “Layered double hydroxides-Biopolymer Nanocomposites for the Controlled Delivery of Vitamins.”

Link: <http://dar.aucegypt.edu/handle/10526/4689>

- The research involved chemical synthesis of nanoparticles, material characterization using techniques such as XRD, FT-IR, BET, and UV/Vis spectroscopy, and finally testing the nanocomposites for their intended application.

Key Courses:

- Nanochemistry
- The chemistry of nanostructures
- Methods of structure determination
- Advanced testing and characterization methods
- Organometallics
- Biochemistry
- Molecular diagnostics (*the course included a training period of two weeks in Al-Mokhtabar laboratory in Cairo*).

2004-2009 The German University in Cairo

B. Sc. in Pharmacy and Biotechnology

- Graduated with a cumulative **German GPA** of 0.95 **(highest honors)**

Al Salam Private Language School

2001-2004

Joined Cambridge's IGCSE and graduated with an excellent final grade (118.5%)

Experience

2012-2016

The American University in Cairo

Conducted research work with colleagues on clay nanoparticles.

First-authored the book chapter:

“Silver nanostructures: Synthesis, Properties and Biosensor Applications”

Publisher: American Chemical Society (ACS), ACS symposium series Vol. 1112, 2012.

In the book: Functional Nanoparticles for Bioanalysis, Nanomedicine and Bioelectronic Devices. Chapter 14, pp 359-404.

Link to e-chapter: <https://pubs.acs.org/doi/abs/10.1021/bk-2012-1112.ch014>

Sept. 2010-2013

The American University in Cairo

Worked as **Teaching Assistant** in the chemistry department:

- General Chemistry (CHEM105)
- General Chemistry Practical Course (CHEM115)

2009-2010

The German University in Cairo

Worked as a **Teaching Assistant** in the Faculty of Pharmacy and Biotechnology:

- General and Inorganic Analytical Chemistry I (PCHM101)
- Phytochemistry II Practical Course (PHBL722)

Awards and Achievements

2010

Was awarded a full university fellowship by the American University in Cairo (AUC) to join the M. Sc. in Chemistry program.

2012

Was honored by the School of Sciences and Engineering at the AUC for academic excellence.

Undergraduate Activities

The New Children's Cancer Hospital 57357

Summer of 2007

Had a two-week training alternating between the following divisions:

- Cytogenetics lab
- Hematology lab
- Blood bank
- Microbiology lab
- Analytical Chemistry lab

2006

B.I.G Pharma Factory

Had training on the pharmaceutical industry rotating between the quality control labs (Analytical Chemistry, Microbiology and R&D) and the production department.

2005-2006

The German University in Cairo

Participated in LAP (Lab Advising Project)

- Worked as an assistant tutor in the Biology lab.

Attended a course on community pharmacy practice.

2008

Cairo University

Attended a course on Clinical Pharmacology.

Extracurricular Activities

2006

The German University in Cairo

Attended introductory sessions on GCBT (Global Conference on Business Transactions)

2005-2006

The German University in Cairo

Volunteered for Zussamen (Charity club) in its charity events.

Skills

Excellent computer skills:

- MOE (Molecular Operating Environment)
- MS. Office
- Research Paper Writing skills

Languages

Arabic (mother tongue)

Excellent spoken and written English

Interests

Playing the Piano.

**Personal
Information**

Date of Birth: 29/9/1987

Marital status: Married

Nationality: Egyptian

References are furnished upon request.