

# Amira Abdel Meguid El Sayed Mahrous

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## Professional Profile Summary

### Academic teaching

- University of Sharjah, College of Pharmacy, UAE - Lecturer
- University of Pharos, College of Pharmacy, Egypt - Teaching assistant
- University of Alexandria, College of Pharmacy, Egypt - Teaching assistant

### Academic activities and responsibilities

- Teaching practical lab sessions
- Course coordinator
- Establishment of new courses in chemistry, microbiology and pharmaceuticals
- Research - individual (Egypt) and as student supervisor (UAE)
- Quality assurance – accreditation
- Social activities and student counselling

## Education

### Pharmaceutical Biotechnology MSc

*Lectins from Euphorbia species and its possible use as antagonistic agent against malfunctional animal cells*

Laboratory work and research in Biochemistry, Bioinformatics, Genetics, Proteomics and Biochemical analysis

**Institute of Graduate Studies And Research (University of Alexandria, Egypt)**

### Preparatory Masters Courses

Applications of Biotechnology, Genetics, Proteomics, Bioinformatics and Biochemistry (*Distinction*)

### Biotechnology Diploma, Institute of Graduate Studies and Research, Alexandria, Egypt

Project in Bioinformatics  
Research on Breast cancer gene BRCA  
(*Distinction*)

### B.Sc. Faculty of Pharmacy,

Alexandria University

*Distinction with Degree of Honours*

### German Abitur, German School of Alexandria

German Education System ( *Distinction* , 3<sup>rd</sup> place)

## Career Summary

### **Lecturer, University of Sharjah, College of Pharmacy, UAE (September 2011 – Current)**

#### **Job Description & Responsibilities**

- Establishment of Pharmaceutical technology practical course (tableting, coating, tablet and capsule quality control testing, powder flow characterization)
- Teaching of Pharmaceutics practical sessions (Pharmaceutical Technology, Pharmaceutical Dosage Forms, Physical Pharmacy, Pharmaceutical Calculations)
- Course coordinator of Pharmaceutical Microbiology course ( Curriculum, exams, course materials and files)
- Teaching of Pharmaceutical Microbiology lectures
- Establishment of Pharmaceutical Microbiology practical sessions (Bacterial identification tests , immunology, sterilization)
- Teaching of Pharmaceutical Microbiology practical sessions
- Member of the Faculty Quality Assurance Committee and Program Assessment Committee (linked to accreditation and quality assurance in the student learning process)
- Research linked to supervision student posters in international conferences
- Supervision and examination in student graduation projects
- Academic advising
- Faculty and student course assessment
- Developing computer-based educational resources
- Research-based student assignments
- Developing Problem based Learning and Team based learning
- Setting and correcting exams and performing detailed exam analysis using different analysis methods

### **Part-time Lecturer, University of Sharjah, College of Pharmacy, UAE (February 2011 – June 2011)**

#### **Job Description & Responsibilities**

- Establishment of Pharmaceutical Microbiology and Chemistry practical sessions
- Teaching of Pharmaceutical Microbiology and Chemistry practical sessions
- Examination of practical Pharmaceutical Microbiology

<b>Chemistry Teacher - Dubai National School, UAE (September 2010 – June 2011)</b>	
	<ul style="list-style-type: none"> <li>- Chemistry Teacher for high school students, American curriculum</li> <li>- Responsible for the Chemistry Department in the school's girl's section.</li> <li>- Teaching, Test preparation and laboratory tests</li> </ul>
<b>Student Counsellor - Intelligent Partners – Education Consultancy- UAE (December 2009 – July 2010)</b>	
Job Description & Responsibilities	<ul style="list-style-type: none"> <li>- Consulting students for possible educational programs in the UK</li> <li>- Communicating with partnered universities in the UK</li> <li>- Meeting with different university delegates to discuss possible fields in UAE</li> <li>- Arranging conferences and meetings about education abroad in collaboration With important education oriented bodies such as the British Council.</li> <li>- Developing English language studies programs for local government workers in the UK.</li> </ul>
<b>Teaching Assistant, College of Pharmacy, Pharos University for Pharmacy and Drug manufacturing, Egypt ( 2006 – 2008)</b>	
Job Description & Responsibilities	<ul style="list-style-type: none"> <li>• Establishment of practical courses in 8 subjects ( University was being opened for the first year as I joined)</li> <li>• Teaching and preparation of the practical lessons in: General, Analytical, Organic and Physical Chemistry and Microbiology <ul style="list-style-type: none"> <li>- Practical book preparation, typing, layout and revision</li> <li>- Analysis of Chemicals and microbiological cultures necessary for practical work</li> <li>- Correction of practical and written laboratory exams</li> <li>- Office hours attendance to help students with their questions in Chemistry and Microbiology</li> <li>- Aiding in Final written exam preparation and correction</li> </ul> </li> <li>• Tutorials in: General, Analytical, Organic and Physical Chemistry, Pharmaceutics and Microbiology <ul style="list-style-type: none"> <li>- Collection and preparation of materials needed for the session</li> <li>- Preparation of slide shows necessary for tuition</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>- Attending office hours to help students in Chemistry, Microbiology and Pharmaceutics</li> <li>• Extra-curricular activities</li> <li>- Editor in the university scientific magazine and participation in layout and typing.</li> <li>- Participation in charity activities and trips organization</li> </ul>
<b>College of Pharmacy, University of Alexandria, Egypt (2005 – 2006)</b>	
Job Description & Responsibilities	<p>Teaching and preparation of practical lessons of Pharmaceutical Chemistry</p> <ul style="list-style-type: none"> <li>- Teaching the practical background of laboratory work</li> <li>- Analysis of Chemicals and Samples</li> <li>- Practical exam preparation and correction</li> </ul>

## Languages

**Arabic :** Mother tongue

**English :** Fluent in speaking, writing and reading

**German :**Fluent in speaking, writing and reading

**French:** Basic knowledge

## IT Skills

**Blackboard, Task stream,** Windows with professional use of Office (Excel, power point and word), Prezi, Internet

## Personal Details

**Date of Birth:** 17.06.1982

**Place of Birth:** Alexandria, Egypt

**Nationality:** Egyptian

**Marital Status:** Married

**Current location:** UAE (Resident)

**Address:** L8 Al Bayrouni Compound, University of Sharjah

References Are Available On Request