

Mohamed Ahmed Mekkawy

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Website: <https://www.linkedin.com/in/mohamed-a-mekkawy/>
Marital status: Married

Work experience

2018 - Ongoing

Faculty Of Pharmacy, Alexandria University

Lecturer of Biostatistics and Pharmacoeconomics

Responsibilities

- Teaching Biostatistics to PharmD, PhD and undergraduate students.
- Teaching design of experiments using "Design Expert" software to PhD students.
- Teaching Pharmacoeconomics to clinical pharmacy diploma students.

2016 - Ongoing

Alexandria Police Hospital

Head of the clinical pharmacy department

Responsibilities

- Supervising clinical pharmacy staff.
- Participating in executing chemotherapy protocols, calculating doses, IV mixing, supervising the administration and keeping records of patients' profiles.
- Providing evidence-based information to hospital staff and patients.
- Part of quality and accreditation team implementing the concepts of quality in health care services and seeking national and international accreditation.
- Taking part in developing hospital antibiogram and antimicrobial stewardship protocols.
- Preparing and calculating total parenteral nutrition (TPN) formulae according to patients' needs.
- Throwing lectures and workshops for colleagues for continuous education.

2016 - Ongoing

NAPHS Consultancy

Co-Founder, Operations Manager and Lecturer

Responsibilities

- Providing consultations and training in the fields of biostatistics and oncology clinical pharmacy services.
- Developing hospitals antibiogram using WHONET software

2014 - 2017

Ministry of Interior nursing institute

Lecturer of pharmacology

Responsibilities

- Teaching pharmacology to second-year nursing students.

2013 - 2016

Alexandria Police Hospital

Oncology clinical pharmacist and head of the inpatients' pharmacy

Responsibilities

- Participating in executing chemotherapy protocols, calculating doses, IV mixing, supervising the administration and keeping records of patients' profiles.
- Dispensing prescriptions to inpatients via a computerized system.
- Managing staff operation.
- Managing pharmacy stocks and supplies.

2012 - 2013

Alexandria Police Hospital

Oncology clinical pharmacist and head of the medicinal supplies department

Responsibilities

- Participating in executing chemotherapy protocols, calculating doses, IV mixing, supervising the administration and keeping records of patients' profiles.
- Responsible for ensuring appropriate drug supplies to the hospital by reviewing current stocks, consumption rates and making orders.
- Reviewing, updating and correcting the information of the hospital's drug database.

2009 - 2012

Alexandria Police Hospital

Oncology clinical pharmacist and head of the inpatients' pharmacy

Responsibilities

- Like mentioned earlier.

2010 - 2011

Mabarat elasaфра west hospital

Hospital pharmacist (part time)

Responsibilities

- Dispensing prescriptions to both outpatients and inpatients.
- Providing adequate drug supply to the hospital.

2007 - 2009

Elagoza police hospital

Hospital pharmacist

Responsibilities

- Dispensing prescriptions to inpatients.
- Managing pharmacy stocks.
- Reviewing patients' files.
- Coordinating with the oncology department to ensure correct dosing of chemotherapy and keeping records of cancer patients.

2007 - 2009

Salaheldeen Pharmacy

Community pharmacist (part time)

Responsibilities

- Dispensing prescriptions.
- Prescribing OTC medications.
- Managing stocks.

Other professional experiences, references

- ResearcherID profile: <https://publons.com/researcher/2149268/mohamed-a-mekkawy/>
- Co-author of a paper entitled "Evaluation of bleeding adverse events associated with oral P2Y12 inhibitors use in the Food and Drug Administration adverse event reporting system [FAERS]" available at: <https://www.ncbi.nlm.nih.gov/pubmed/30738497>
- Co-author of an abstract published in ICPE conference 2019 under the title of: "Evaluation of myalgia related adverse event reports attributed to proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitors within the FDA adverse events reporting system (FAERS)". available at: <https://onlinelibrary.wiley.com/doi/epdf/10.1002/pds.4864>
- Co-author of an abstract published in ICPE conference 2019 under the title of: "Self-medication practices in rural communities, Alexandria, Egypt: Prevalence, perception and attitude". available at: <https://onlinelibrary.wiley.com/doi/epdf/10.1002/pds.4864>
- Co-author of an abstract published in ICPE conference 2018 under the title of: "Evaluation of spontaneous adverse event reports for congenital and neonatal birth problems attributed to ondansetron within the FDA adverse events reporting system (FAERS)". available at: <https://onlinelibrary.wiley.com/doi/full/10.1002/pds.4629>
- Co-author of an abstract published in ICPE conference 2017 under the title of: "Evaluation of Spontaneous Adverse Event Reports for Muscle Related Adverse Reactions Attributed to Daptomycin within the FDA Adverse Events Reporting System (FAERS)". available at: <http://onlinelibrary.wiley.com/doi/10.1002/pds.4275/full#pds4275-subcmp-1142-sec-0001>
- Co-author of an abstract published in ICPE conference 2017 under the title of: "Self-Management Practices in Type II Diabetic Patients: A Cross-Sectional Survey in Alexandria, Egypt". available at: <http://onlinelibrary.wiley.com/doi/10.1002/pds.4275/full#pds4275-subcmp-1068-sec-0068>
- Co-author of an abstract published in ICPE conference 2017 under the title of: "Evaluation of Ticagrelor Bleeding Adverse Event Reports Compared to Clopidogrel in the FDA Adverse Events Reporting System (FAERS)". available at: <http://onlinelibrary.wiley.com/doi/10.1002/pds.4275/full#pds4275-subcmp-1127-sec-0127>
- Co-author of an abstract published in ICPE conference 2017 under the title of: "Evaluation of Spontaneous Adverse Event Reports for Osteonecrosis of the Jaw (ONJ) Attributed to Denosumab and Zoledronic Acid Within the FDA Adverse Events Reporting System (FAERS)". available at: <http://onlinelibrary.wiley.com/doi/10.1002/pds.4275/full#pds4275-subcmp-3009-sec-0001>
- Co-author of an abstract published in ICPE conference 2016 under the title of: "Evaluation of New Oral Anticoagulants (NOACs) Bleeding Adverse Reaction Reports in the FDA Adverse Events Reporting System (FAERS)" Available at: <http://onlinelibrary.wiley.com/doi/10.1002/pds.4070/full#pds4070-sec-2172>
- Co-author of an abstract published in ASHP conference 2016 under the title of: "Self management practices in type II diabetic patients; A cross-sectional survey in Alexandria, Egypt".
- President of the Alexandria Police Hospital Annual Clinical Pharmacy Congress since 2016.
- A former member of the clinical pharmacy committee in Alexandria pharmacists syndicate helping hospital pharmacists implement clinical pharmacy practice.
- Establishing member of the "Association of applying and developing pharmacy (AADP)", a community association helping developing pharmacy practice in Egypt.
- Lectured several lectures about biostatistics, study design, pharmacokinetics, chemotherapy, and total parenteral nutrition as part of the AADP activities.
- Established and supervised the clinical pharmacy in Alexandria police hospital from June 2011 till now.
- Act as a QPPV (qualified pharmacist for pharmacovigilance) at Alexandria police hospital.
- Lectured several lectures covering parenteral nutrition, chemotherapy, and electronic documentation at Alexandria pharmacists' syndicate.

Education

2016 - Ongoing	High Institute of Public Health, Alexandria University, Alexandria, Egypt Ph.D. in Public Health majoring Biostatistics (Finished my basic courses and going through thesis preparation.)
2015 - 2016	High Institute of Public Health, Alexandria University, Alexandria, Egypt Diploma in Public Health majoring Biostatistics
2009 - 2011	Faculty Of Pharmacy, Alexandria University, Alexandria, Egypt PharmD in Clinical Pharmacy
2001 - 2006	Faculty Of Pharmacy, Alexandria University, Alexandria, Egypt Bachelor degree in Pharmaceutical Sciences

Certificates and Courses

IELTS

Passed with a score of 7.5. Certificate validity 16th July 2016 to 15th July 2018

HarvardX PH125.1x Data Science R Basics

Online course through EDX platform. certificate link:

<https://courses.edx.org/certificates/dd2bfa627dac40babdab4890b38f7d17>

HarvardX PH125.2 Data Science Visualization

Online course through EDX platform. certificate link:

<https://courses.edx.org/certificates/600fb396674647d9954b5745fe0ec1c5>

Xseries Microsoft Excel for the Data Analyst

Online course through EDX platform. certificate link:

<https://credentials.edx.org/credentials/84baf70600084c6d8a828d29e1f6a397/>

DAT222x Essential Statistics for Data Analysis using Excel

Online course through EDX platform. certificate link:

<https://courses.edx.org/certificates/b1f5fc3ab81043799889dd0a84543f7a>

DAT206x Analyzing and Visualizing Data with Excel

Online course through EDX platform. certificate link:

<https://courses.edx.org/certificates/3ea75750857e453c8b747f208bf390a0>

DAT205x Introduction to Data Analysis using Excel

Online course through EDX platform. certificate link:

<https://courses.edx.org/certificates/31e994d833924451bb023c3d7a6186b3>

Infectious Diseases Course

A 5 days condensed course provided by Prof. Douglas Fish, Skaggs School of Pharmacy, University of Colorado Held at Children's Cancer Hospital 57357, Egypt

Clinical Pharmacogenomics

ACPE accredited program of 28.5 hours of practice based continuing education. The course was provided by children's cancer hospital 57357, Egypt in collaboration with Colorado University.

Statistics In Medicine

Online course provided by Stanford University through Coursera INC.

Nutrition and Physical Activity for Health

Online course provided by University of Pittsburgh through Coursera INC.

Other skills and abilities

Language proficiency: Arabic ★★★★★ native speaker
English ★★★★★ expert, interpreting

Other skills and abilities: | I have special passion and experience in teaching Clinical Pharmacokinetics, Biostatistics, Oncology, and Total Parenteral Nutrition.

| Computer skills:

- | 1. Operating Systems (Windows 98, 2000, ME, XP,7 and 10).
- | 2. Microsoft office (98, 2000, 2007,2010 and 2016).
- | 3. SPSS program for statistical analysis.
- | 4. R: A language and environment for statistical computing
- | 5. Hardware assembling and disassembling.