
Mutaz M. Jaber

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Personal website: M.M. Jaber
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Research interest

Pharmacometrics, Nonlinear mixed-effect, Absorption models, computational statistics, estimation algorithms, Machine learning

Education

Experimental and Clinical Pharmacology, PhD - University of Minnesota 2020-current
Emphasis: **Pharmacometrics**
Minor: **Statistics**
Advisor: Richard C. Brundage, PharmD, PhD
Co-advisor: Mahmoud Al-kofahi, DDS, PhD
Overall GPA: 3.95

Doctor of Pharmacy, PharmD - Jordan University of Science and Technology 2012-2018
Department of Clinical Pharmacy
College of Pharmacy

Research experience

Graduate research assistant - University of Minnesota 2020 - current
Advisor: Richard C. Brundage, PharmD, PhD
Project(s):

- Methodology research - Uncertainty in NLME approach, Machine learning
- Clinical research - Hydrocortisone Pump for congenital adrenal hyperplasia patients

Pharmacometrics GDD intern - Novartis June 2021 - Aug 2021
Mentor: Matt Fidler, PhD
Project: Simulation uncertainty in NLME approach

Postdoctoral Associate - University of Minnesota 2019-2020
Supervisor: Richard C. Brundage, PharmD, PhD
Project(s):

- Hydrocortisone pharmacokinetics/pharmacodynamics
- Mathematical modeling of circadian rhythms
- Tools development: HydroC-Precision
- Absorption models

Postgraduate researcher - Jordan University of Science and Technology 2018 - 2019
Supervisor(s): Mera Ababneh, PharmD, PhD; Sayer AlAzzam, MSc, PharmD
Project(s):

- Antimicrobial stewardship

- Pharmacostatistics models in pharmacoepidemiological research
- Seasonal Influenza vaccination in Jordan

Student research assistant - Jordan University of Science and Technology
Project(s):

2017 - 2018

- Autism, and ADHD pediatric research
- Protein chemical analysis

Clinical experience

Pharmacy intern - Drug information center (KAUH)

May,2018-July,2018

Clinical pharmacy rotation - KAUH

Sep, 2017 - May, 2018

Pharmacy intern - KHCC

Jan 2017 - Mar 2017

Teaching experience

- Minnesota pharmacometrics summer school: Population approach and NONMEM

Awards

- ACCP/ISoP Student abstract award

ACCP annual meeting 2020

Publications

Presentations

Posters & abstracts

Professional service