

Iyas Ray Masannat

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Pharmacy Experience

Staff Pharmacist

UCSD Student Run Free Clinics

Aug. 2019 – present

- Teaching, precepting and supervising student pharmacists.
- Verify prescriptions, maintain Free Clinic operations and provide clinical services to patients in accordance with UC Health, SSPPS, CA State Board of Pharmacy, and regulatory requirements.

PACE Pharmacist

San Diego PACE, San Ysidro Health

Oct. 2021 – Dec. 2021

- Conducted Transitions of Care medication reconciliations and follows up on discharge medication as appropriate.
- Worked closely with SD PACE interdisciplinary team members and the dispensing pharmacies to optimize PACE participant medication safety, compliance, and adherence.
- Reviewed and completed reports for the PACE PBM to ensure optimal and compliant claims processing and adjudication to CMS.

Staff Pharmacist

La Maestra Community Health Centers

Feb. 2019 – Sep. 2021

- Serve and consult patients in a Federally Qualified Health Center which helps a diverse population of the County of San Diego (17 different languages) and includes a 340B Drug Discount Purchasing Program.
- Close interaction with clinic providers and staff.
- Refill authorization under protocol to ensure uninterrupted therapy and proper monitoring for clinic patients.

Pharmacist, Per Diem

El Norte Retail & Specialty Pharmacy, Escondido

Feb. 2019 – Dec. 2020

- Full community retail pharmacy with focus on specialty medications for rheumatoid arthritis, psoriasis, multiple sclerosis, behavioral health, among other disease states.
- Strong working relationship with psychiatric provider offices and county mental health programs to ensure coverage of medications and maximum compliance of patients (prior authorizations, TARs, patient assistance programs, weekly, biweekly and monthly blister dose packs, medi-sets, pill boxes, etc.)
- Smoking cessation services for local transitional care facilities.

Pharmacist

Ron's Pharmacy Services/Guardian Pharmacy, San Diego

Jul. 2010 – Nov. 2018

- Worked in a high-volume, closed door, established pharmacy of 150+ employees with close daily interactions with other pharmacists, fulfillment and data entry technicians, billers and delivery dispatchers.
- Experienced, clinically-oriented, fast and accurate in initial verification and final check including sterile-compounded products
- Daily interactions with physicians and other health care providers to clarify dosing, optimize therapy and ensure compliance with guidelines and all state and federal laws.

- Ensure pharmacy compliance with all applicable regulations including record keeping of compounding, instrument validation and controlled substance inventory.
- Clean room compounding, dosing and monitoring for antibiotics, TPN, ESA, PCA and other parenteral medications.
- Anticoagulation clinic: dosing and monitoring of warfarin, low molecular weight heparin derivatives and oral antiplatelets.
- Counseling patients, family members, caregivers and nursing staff on drug interactions, side effects, dosage and proper medication storage and disposal.
- Supervised, precepted and trained pharmacy students and technicians.

Additional Pharmacy Experience.

- Pharmacist, Per Diem. Student Health Services, UC San Diego Mar. 2015 – Jun. 2017
- Staff Pharmacist. Skilled Nursing Pharmacy, San Diego May 2009 - Jul. 2010
- Staff Pharmacist. Vons, San Diego Aug. 2008 - Apr. 2009

Academic Experience

Lecturer/Adjunct Assistant Professor

SDSU/UCSD Doctoral Program in Interdisciplinary Research on Substance Use, School of Social Work School of Public Health, San Diego State University 2015 – Present

- SW800: Pharmacology and Etiology of Substance Abuse.
- HON 413: The Science of Substance Use Disorders.
- Developed and graded the pharmacology section of the comprehensive doctoral qualifying examination.
- Guest lecturer. PH700: Women's Health; Drugs in Pregnancy and Lactation.
- Guest Lecturer. PH667: Prevention and Control of Chronic Diseases; Substance Use Disorders.
- Judge. Student Research Symposium.
- Member. Thesis committees.

Voluntary Assistant Clinical Professor

Skaggs School of Pharmacy and Pharmaceutical Sciences, UC San Diego Mar. 2015 - Present

- Mentoring and supervising pharmacy students in the UCSD Student-Run Free Clinic, health and educational outreach programs, and on clinical rotations.

Instructor

Osher Lifelong Learning Institute, San Diego State University Spring 2018

- Drugs and the Brain: The Science of Addiction.

Teaching Assistant

Brigham Young University, Provo, Dept. of Chem. and Biochemistry Sep. 2003 - Jun. 2004

- Chem 586: Advanced biochemical methods-Nucleic acids
- Chem 101: General college chemistry.

Brigham Young University, Provo, Department of Nursing Jul. 2001 - Dec. 2001

- Nurs 292/310: Nursing Core 2 & 3.

- Nurs 555: Pharmacology in Advanced Practice.
- Reviewed textbooks and critiqued exam questions.

Brigham Young University, Provo, Dept of Asian and Near Eastern Languages Jan. 2001 - Apr. 2003

- Arab 101: First-Year Arabic as a foreign language.
- Research and acknowledgement for the publication of “Using Arabic Synonyms”, by Dilworth Parkinson, Cambridge University Press, ISBN: 978-0521001762.

Additional Experience

Disaster Healthcare Volunteer

State of California Medical Reserve Corps

- Assisted in San County efforts at COVID-19 testing sites in the early stages of the pandemic.

Educator

Merck & Co.

Dec. 2010 – Dec. 2015

- Conducted “Journey for Control” diabetes education programs utilizing the U.S. Diabetes Conversation Maps.

Data Production Supervisor

Sorenson Molecular Genealogy Foundation, Salt Lake City, UT.

Apr. 2006 - Jun. 2007

- Managed, supervised, and coordinated activities of a team of full-time analysts.
- Wrote and approved standard operating procedures and ensured full training and adherence to protocols.
- Designed new processes and improved existing ones to cut cost and increase productivity.
- Responsible for hiring and training new full-time analysts.
- Established contact with local colleges to recruit undergraduate interns and new hires.

Education

B.Sc. Pharmacy

The University of Jordan, Amman, Jordan.

Jan. 2001

- Completed a 5-year program in pharmacy including clinical rotations.
- Completed 1440 hours of internship before graduation, and additional 1500 hours prior to becoming licensed in the US, in community and hospital pharmacies.
- Research experience in formulation of extended-release dosage forms based on cross-linked polymers of alginic acid.

MS Molecular Biology

Dept. of Microbiol. and Molec. Biol., Brigham Young University, Provo.

Aug. 2003

- Thesis: “Ibuprofen-Induced Changes to the Expression of Surface Molecules in Human Monocyte-Derived Dendritic Cells”.
- Wrote informed consent forms and obtained necessary institutional review board (IRB) approvals.

PhD candidate (ABD)

Dept. of Chem. and Biochem., Brigham Young University, Provo.

Sep. 2003 - Apr. 2006

- Project: “Follicular Dendritic Cell Reservoirs of HIV: Sequential Genotypic and Phylogenetic Characterization”.
- Handled and processed infectious human tissue.
- Gained expertise in PCR, DNA manipulation, cloning, sequencing, tissue culture and flow cytometry.
- Mentored and trained undergraduate students and supervised a weekly journal club.
- Received the 2005 Ronald Robins Research Fellowship.
- Received the 2004-2005 BYU Graduate Research Fellowship Award.
- Received the 2004 Stanley and Leona Goates Graduate Fellowship.

Publications and Presentations

- Madanat, H. and Masannat, I. R. (2014). **Global Changes in Diet and Physical Activity: The Nutrition Transition;** in Stein, N. *Public Health Nutrition: Principles and Practice in Community and Global Health*.
- **“Y Chromosome and Mitochondrial DNA Analysis of a Large Dataset from Mali, Africa.”** American Society of Human Genetics (ASHG) 56th annual meeting, New Orleans, LA.
- **“Ibuprofen Downregulates the Expression of Co-Stimulatory Molecules and Arrests the Maturation of Human Monocyte-Derived Dendritic Cells.”** American Association of Immunologists (AAI) 93rd annual meeting, Denver, CO.