

# Mariam Dabbous

**Date of Birth:** 03/10/ 1986

**Telephone:** 00961 76877750

**Email:** [mariam.dabbous@liu.edu.lb](mailto:mariam.dabbous@liu.edu.lb)

## Biography

I currently serve as the Chairperson of the Pharmacy Practice Department and hold the position of Clinical Associate Professor at the Lebanese International University School of Pharmacy. Commencing my career in academia at LIU in 2011, I initially worked as a part-time faculty member before transitioning to a full-time role after two years, a position I continue to hold to date. My educational background includes a Doctor of Pharmacy (PharmD), a Bachelor of Pharmacy, a Master in Education and Educational Management, and a Master of Public Health from the Lebanese University. Within the School of Pharmacy at LIU, I am responsible of providing visionary leadership for the Pharmacy Practice department, overseeing the development and implementation of the curriculum, recruiting and mentoring, and evaluating faculty members within the department. From 2013 to 2021, I served as the Experiential Education Coordinator, overseeing the practical aspects of the curriculum. In 2016, I assumed the role of Chair of the Extracurricular Committee, focusing on enhancing the school's community involvement. As the Editor-in-Chief for the SOP magazine, I contributed to disseminating relevant information within the academic community. I actively participate in various committees at the Lebanese International University, including the Research Committee, Accreditation Committee, and Student Grievance Committee. My research interests encompass public health, clinical epidemiology, and pharmacy education. In my dual role as both an educator and a healthcare professional, my objective is to inspire future pharmacists to assume active, effective, ethical, and professional roles in their communities. I advocate for a sense of responsibility towards patient outcomes and encourage students to become productive citizens contributing to the field of pharmacy.

## Professional Experience – Academic Experience

**2021 - Present**

**Lebanese International University – School of Pharmacy, Lebanon**

**Title:** Chairperson of Pharmacy Practice Department

**Responsibilities:**

- Provide visionary leadership to the department and set strategic goals that aligns with the school's mission.
- Regularly evaluate and update the department's courses to ensure students are equipped with the latest evidence-based practices, keeping the curriculum aligned with current advancements in the field.
- Lead and manage the department's experiential education program, ensuring it provides students with high-quality, hands-on learning experiences. Collaborate and establish affiliations with hospitals, community pharmacies, and other healthcare organizations to secure diverse and impactful experiential learning opportunities that prepare students for professional practice.

- Promote a culture of research within the department, encouraging faculty to engage in innovative research that advances the field of pharmacy practice.
- Ensure the department meets all accreditation requirements.
- Recruit, hire, and retain good quality faculty members while providing mentorship and support to new faculty, fostering their professional growth and integration into the department.
- Collaborate with other departments' chairpersons, assistant deans, and associate dean to advance the school curriculum

**2020 - Present**      **Lebanese International University – School of Pharmacy, Lebanon**  
**Title:** Clinical Associate Professor

**2013- 2021**      **Lebanese International University – School of Pharmacy, Lebanon**  
**Title:** Experiential Pharmacy Education Coordinator and Clinical Assistant Professor

**Responsibilities:**

- Networking and collaborating with pharmacist in the community pharmacy.
- Revising and updating the pharmacy practice experience manuals.
- Preparing workshops and activities for students.
- Academic clearances for fourth year students.
- Distribute student on the community pharmacies.
- Assisting the Pharmacy Practice Department chair with the summer offering.
- Following-up with the faculty members' precepting the students in the community pharmacies.
- Finalizing the exams and grades of students.
- Editor of the SOP magazine.
- Organizing awareness campaigns and school events.

**2011 - 2013**      **Lebanese International University – School of Pharmacy, Lebanon**  
**Title:** Clinical instructor

**Educational Background**

**2024 - present** **Degree:** PhD candidate  
**Title:** Quality of Life and Mental Health of Patients with Epilepsy: Tools Development, Validation, and Correlates among the Lebanese Population  
**University:** Universite de Limoges, France

- 2023 - 2024** **Degree:** Master of Public Health (MPH)  
**Title:** Methodology and Statistics in Biomedical and Epidemiological Research.  
**University:** Lebanese University, Lebanon and Université Paris-Saclay, France (double degree).
- 2020 - 2022** **Degree:** Master in Education (Med)  
**Title:** Master in Education and Educational Management  
**University:** Lebanese International University, Lebanon
- 2010 - 2011** **Degree:** PharmD  
**Title:** Doctor of Pharmacy  
**University:** Lebanese International University, Lebanon.
- 2003 - 2009** **Degree:** BPharm  
**Title:** Bachelor of Pharmacy (with honor)  
**University:** Lebanese International University, Lebanon.

## Research Interests

Clinical Epidemiology: special attention to neurological and psychological disorders.

Public Health: special attention to promoting quality of life and well-being.

Pharmacy Education: special attention to active learning and competency-based education.

Drug Utilization Review: special attention to patterns of medication use, assessing the appropriateness of prescribed therapies, and identifying potential areas for improvement in clinical practice

## Selected Publications

- Dabbous, M., Sakr, F., Safwan, J., Akel, M., Malaeb, D., Rahal, M., & Kawtharani, A. (2023). Instructional educational games in pharmacy experiential education: a quasi-experimental assessment of learning outcomes, students' engagement and motivation. BMC Medical Education, 23(1), 753. <https://doi.org/10.1186/s12909-023-04742-y>
- Sakr, F., Dabbous, M., Akel, M., Salameh, P., & Hosseini, H. (2023). Cultural adaptation and validation of the Arabic version of the short 12-item stroke-specific quality of life scale. Frontiers in Neurology, 14, 1232602. <https://doi.org/10.3389/fneur.2023.1232602>
- Mourad, N., Younes, S., Mourad, L., Fahs, I., Mayta, S., Baalbaki, R., El Basset, W., Dabbous, M., El Akel, M., Safwan, J., Saade, F., Rahal, M., & Sakr, F. (2023). Comprehension of prescription orders with and without pictograms: tool validation and comparative assessment among a sample of participants from a developing

- country. *BMC Public Health*, 23(1), 1926. <https://doi.org/10.1186/s12889-023-16856-5>
- Kanaan, S., Dabbous, M., Akel, M., Lteif, R., Rahal, M., & Sakr, F. (2023). Game-based learning in pharmacy education: A systematic review and narrative synthesis. *Pharmacy Education*, 23(1), 629-639. <https://doi.org/10.46542/pe.2023.231.629639>
  - Sakr, F., Safwan, J., Fahs, I., Akel, M., Dabbous, M., & Rahal, M. (2023). Are pharmacy graduates practice ready? A validation and assessment study of curricular effectiveness in a school of pharmacy in Lebanon. *Pharmacy Education*, 23(1), 613-628. <https://doi.org/10.46542/pe.2023.231.613628>
  - Younes, S., Sakr, F., Mourad, N., Rahal, M., Dabbous, M., Safwan, J., Akel, M., & Hammoudi Halat, D. (2023). Assessment of stress among pharmacy educators: Validation of the faculty stress index and 2-year cross-sectional follow-up in a Lebanese pharmacy school. *Pharmacy Education*, 23(1), 539-553. <https://doi.org/10.46542/pe.2023.231.539553>
  - Hassan BA, Mohammed AH, AL-Jewari WM, Blebil A, Dujaili J, Wayyes AM, Malaeb D, Dabbous M, Othman G, Mustafa Madani A, Talib Al-Zaabi A. Knowledge and attitude towards antibiotic use and resistance among Arab population: a questionnaire-based study of 11 countries from the Middle East and North Africa. *Journal of Pharmaceutical Health Services Research*. 2023 Apr 13:rmad014 <https://doi.org/10.1093/jphsr/rmad014>
  - Sakr, F., Dabbous, M., Rahal, M., Salameh, P., & Akel, M. (2023). Challenges and opportunities to provide immunization services: Analysis of data from a cross-sectional study on a sample of pharmacists in a developing country. *Health Science Reports*, 6(4), e1206. <https://doi.org/10.1002/hsr2.1206>
  - Safwan, J., Halat, D. H., Akel, M., Younes, S., Rahal, M., Mourad, N., Akiki, Z., Cherfane, M., Saade, F., Bouraad, E., Dabbous, M., & Sakr, F. (2023). The impact of COVID-19 on the mental health of Lebanese pharmacists: A national cross-sectional study. *Frontiers in Public Health*, 11, 1156840. <https://doi.org/10.3389/fpubh.2023.1156840>
  - Sakr, F., Dabbous, M., Akel, M., Salameh, P., & Hosseini, H. (2022). Construction and Validation of the 17-Item Stroke-Specific Quality of Life Scale (SS-QOL-17): A Comprehensive Short Scale to Assess the Functional, Psychosocial, and Therapeutic Factors of QOL among Stroke Survivors. *International Journal of Environmental Research and Public Health*, 19(23), 15668. <https://doi.org/10.3390/ijerph192315668>
  - Sakr, F., Fahs, I., Dimassi, A., Younes, S., Mourad, N., Safwan, J., Akel, M., Rahal, M., & Dabbous, M. (2022). Experiential pharmacy education in trying times: Lessons learned from the COVID-19 pandemic. *Pharmacy Education*, 22(1), p. 823–834. <https://doi.org/10.46542/pe.2022.221.823834>
  - Dabbous, M., Kawtharani, A., Fahs, I., Hallal, Z., Shouman, D., Akel, M., Rahal, M., & Sakr, F. (2022). The Role of Game-Based Learning in Experiential Education: Tool Validation, Motivation Assessment, and Outcomes Evaluation among a Sample of Pharmacy Students. *Education Sciences*, 12(7), 434. <https://doi.org/10.3390/educsci12070434>
  - Sakr, F., Toufaili, Z., Akiki, Z., Akel, M., Malaeb, D., Dabbous, M., & Salameh, P. (2022). Fever among preschool-aged children: a cross-sectional study assessing Lebanese parents' knowledge, attitudes and practices regarding paediatric fever assessment and management. *BMJ Open*, 12(10), e063013. <https://doi.org/10.1136/bmjopen-2022-063013>
  - Assi, M., Onaissy, N., Sakr, F., Cherfan, M., Akiki, Z., Dabbous, M., Akel, M., & Safwan, J. (2022). Smoking habits, attitudes and determinants among university

aged population: Comparison of pharmacy and non-pharmacy students from a private university in Lebanon. *Pharmacy Education*, 22(1), p. 523–532.

<https://doi.org/10.46542/pe.2022.221.523532>

- Sakr, F., Dabbous, M., Akel, M., Salameh, P., & Hosseini, H. (2022). Adherence to Post-Stroke Pharmacotherapy: Scale Validation and Correlates among a Sample of Stroke Survivors. *Medicina*, 58(8), 1109. <https://doi.org/10.3390/medicina58081109>
- Safwan, J., Cherfan, M., Dabbous, M., Hammoudi, D., Akiki, Z., Saade, F., Akel, M., Younes, S., Rahal, M., Bouraad, E., & Sakr, F. (2022). Faculty perceptions on online education in a school of pharmacy during the COVID-19 pandemic. *Pharmacy Education*, 22(1), p. 450-457. <https://doi.org/10.46542/pe.2022.221.450457>
- Younes, S., Mourad, N., Safwan, J., Dabbous, M., Rahal, M., Al Nabulsi, M., & Sakr, F. (2022). Chronic kidney disease awareness among the general population: tool validation and knowledge assessment in a developing country. *BMC Nephrology*, 23(1), 266. <https://doi.org/10.1186/s12882-022-02889-2>
- Sabra, R., Safwan, J., Dabbous, M., Rida, A., Malaeb, D., Akel, M., & Sakr, F. (2022). Assessment of knowledge, attitude and practice of Lebanese pharmacists in providing patient counseling on urinary tract infection and its treatment. *Pharmacy Practice*, 20(2), 2653. <https://doi.org/10.18549/PharmPract.2022.2.2653>
- Akel M, Sakr F, Fahs I, Dimassi A, Dabbous M, Ehlinger V, Salameh P, Godeau E. Smoking Behavior among Adolescents: The Lebanese Experience with Cigarette Smoking and Waterpipe Use. *International Journal of Environmental Research and Public Health*. 2022; 19(9):5679. <https://doi.org/10.3390/ijerph19095679>
- Chahine B, Cherfane M, Sakr F, Safwan J, Dabbous M, Akel M, Rahal M. Community pharmacists' perceptions and role in the management of common dermatological problems in Lebanon: a cross-sectional study. *Int J Pharm Pract*. 2021 Dec 4;29(6):573-579. <https://doi.org/10.1093/ijpp/riab056>
- Sakr F, Akiki Z, Dabbous M, Salameh P, Akel M. The Role of Pharmacists in Providing Immunization to the General Population: Are Lebanese Pharmacists Ready for this Role?. *Pharm Pract (Granada)*. 2021;19(4):2565. <https://doi.org/10.18549/PharmPract.2021.4.2565>
- Dabbous MK, Moustafa SM, Sakr FR, Akel MG, Safwan JH, Cherfan MM, Rahal MK. Knowledge, attitude and practice of Lebanese community pharmacists with regard to self-management of low back pain. *Trop J Pharm Res* 2020; 19(4): 873-878. <https://doi.org/10.4314/tjpr.v19i4.28>
- Akel ME, Rahal M, Dabbous M, Mourad N, Dimassi A, Sakr F. Experiential Education in Pharmacy Curriculum: The Lebanese International University Model. *Pharmacy (Basel)*. 2020 Dec 29;9(1):5. <https://doi.org/10.3390/pharmacy9010005>

## Conferences:

- Sahar Nasser, Fardous Tohme, Mariam Dabbous, Nathalie Lahoud, Fouad Sakr. Parental knowledge and practice on fever and use of antipyretics: a cross-sectional study in Bekaa Valley, Lebanon. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 8-12, 2019 Las Vegas, NV, USA
- Joanna Rizkallah, Mariam Dabbous, Nathalie Lahoud, Fouad Sakr. Knowledge, attitude and practice of generic drug substitution by Lebanese community pharmacists. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 8-12, 2019 Las Vegas, NV, USA
- Aya Chahrour, Mohammad Fneish, Fouad Sakr, Nathalie Lahoud, Mariam Dabbous. Knowledge of community pharmacists about antibiotics, and their perceptions and practices regarding antimicrobial stewardship: a cross-sectional study in Lebanon.

American Society of Health System Pharmacist, Midyear Clinical Meeting, December 8-12, 2019 Las Vegas, NV,USA

- Sarah Moustafa, Fouad Sakr, Marwan Akel, Nathalie Lahoud, Mariam Dabbous. Knowledge and practice of Lebanese Community Pharmacist in the self-management of low back pain. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2-6, 2018 Anaheim,USA
- Noura Makki, Ahmad Sinno, Marwan Akel, Mariam Dabbous, Michelle Cherfan. Medication utilization evaluation and prescribing patterns of direct oral anticoagulants. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2-6, 2018 Anaheim,USA
- Hanaa Saeed, Jinane Hamdan, Nathalie Lahoud, Mariam Dabbous, Fouad Sakr. Parental knowledge, attitudes and beliefs on fever: a cross-sectional study. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2-6, 2018 Anaheim,USA
- Barakat R, Sakr F, Jaafar R, Dabbous M, Iskandarani M. Effect of Modifiable and non-modifiable risk factors on blood pressure control in a sample of Lebanese population. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2017, Orlando,Florida.
- Marmar M, El Mokdad S, Sakr F, Dabbous M, Safwan Saade J. Factors that increase medication adherence and quality of life in heart failure patients in Lebanon. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2017, Orlando,Florida.
- Jaafar R, Sakr F, Barakat R, Dabbous M, Iskandarani M. Pattern of anti-hypertensive drug use and the extent of blood pressure control in Lebanese patients. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2017, Orlando,Florida.
- Khankan R, Lteif A, Sakr F, Dabbous M, Safwan J. Assessment of dual anti-platelet therapy use and patients' level of therapy awareness in the Lebanese community. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2017, Orlando,Florida.
- Abdessater S, Dabbous M, Whaiby P, Sakr F, Cherfan M. Prescribing patterns of dipeptidyl peptidase -4 inhibitors and glucagon-like peptide- 1 agonists in the Lebanese community. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2017, Orlando,Florida.
- Makhoul E, Aoun G, Sakr F, Dabbous M, Farah Z. Fluroquinolones use among Lebanese patients: a drug utilization study. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2017, Orlando,Florida.
- Sakr F, Dabbous M. Assessment of response to prophylactic antiemetic regimens in Lebanese hospitals. American Society of Health System Pharmacist, Midyear Clinical Meeting, December 2014, Anaheim, California.
- Dabbous M, Sakr F, Diana M. Evaluation of adherence to chemotherapy induced emesis prevention guidelines in Lebanese hospitals. American Society of Health System Pharmacists, Midyear Clinical Meeting, December 2014, Anaheim, California.
- Dabbous M, Sakr F. Assessment of orlistat use among young Lebanese population. American Society of Health System Pharmacists Summer Clinical Meeting, Midyear Clinical Meeting, December 2014, Anaheim, California.
- Sakr F, Dabbous M. Assessment of opioids use for cancer pain in Lebanese hospitals. American Society of Health System Pharmacists, Midyear Clinical Meeting, December 2014, Anaheim, California.

- Sakr F, Dabbous M, Akel M. Lebanese pharmacy students' attitude toward their body weight. American Society of Health System Pharmacists, Summer Clinical Meeting, June 2013, Minneapolis, MN, USA.
- Dabbous M, Sakr F, Akel M, Assi M. Energy drinks knowledge, consumption, and associated conditions in the Lebanese community. American Society of Health System Pharmacists Summer Clinical Meeting, June 2013, Minneapolis, MN, USA.
- Bouraad E, Sakr F, Dabbous M, Malaeb M. Evaluation of pain assessment and management in cancer patients. American Society of Health System Pharmacists, Midyear Clinical Meeting, December 2011, New Orleans, Louisiana, USA.

## Special Courses and Training

- Plagiarism, Referencing and Citation Workshop
- Training and Capacity Building in Drug Therapeutics
- Preceptor Development Workshop
- Stress Management Workshop
- SPSS Workshop
- Time Management Workshop
- Effective Leadership Training Workshop

## Affiliations

- Order of Pharmacists of Lebanon - Beirut, Lebanon, 2009 – present.
- American Society of Health System Pharmacists - Bethesda, Maryland, USA, 2011 – present.
- International Pharmaceutical Federation (FIP) Member in Pharmacy Academia Section, 2020 – present.

## Softwares:

- Microsoft Windows and Suite
- Google Workspace
- SPSS
- Softpharm

## Languages

- **English** Excellent (Fluent: Read, Written, Spoken).
- **Arabic** Native Speaker (Fluent: Read, Written, Spoken).

## References

- Available upon request.