

FOUAD SAKR

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Professional Summary

Associate Dean for Assessment and Research and full-time Clinical Associate Professor in the School of Pharmacy at Lebanese International University (LIU). Chairman of the student services and academic policies committee within the accreditation committee of the school of pharmacy and previous chairman of the PharmD program. Member in the development committee of the school's strategic planning and other quality processes including key performance indicators. Serves in several additional committees including the curriculum and grievance committees.

Registered pharmacist (RPh) in the Lebanese Order of Pharmacists (OPL), and member in the American Society of Health System Pharmacists (ASHP). Holds both a BPharm and PharmD degrees from the Lebanese International University (LIU, ACPE accredited), Beirut, Lebanon. Also holds a Master of Public Health (concentration: methodology and statistics in biomedical and epidemiological research) from the Lebanese University and Université Paris-Saclay (double degree). Currently undergoing PhD in clinical research, technological innovation and public health with concentration on pharmacotherapy and pharmacoepidemiology at Université Paris-Est Créteil, Institut Mondor de Recherche Biomédicale, Créteil, France.

Has an extensive clinical practice experience, and greater than 10 years in pharmacy education with many published papers in reputable peer review journals and international conferences. Teaches/ taught pharmacotherapy of infectious diseases, pulmonary and rheumatology, interpretations of laboratory data, non-prescription drugs, pharmacy seminar, and introduction to drug information. Precepts BPharm and PharmD students in the introductory and advanced pharmacy practice experiences.

Employment - Professional Experience

2023 - Present **Lebanese International University – School of Pharmacy, Lebanon**

Title: Associate Dean for Assessment and Research

Responsibilities:

- Oversee development and implementation of a comprehensive evaluation process using instruments with validity and reliability evidence including assessment of learner achievement of program objectives and program evaluation (course evaluation, program evaluation, faculty evaluations).

- Collect and analyze data from various sources including surveys to inform status and areas for improvement with sources such as:
 - National colloquium examination performance.
 - Questionnaires from faculty, students, graduates and program chairpersons.
 - Practice site specific evaluation data to ensure site parity.
 - Course feedback (including pedagogies).
- Collect and analyze data using various methods such as:
 - Surveys
 - Peer evaluations
 - Direct observations
- Provide statistical and analytical measurement support for examinations.
- Compile departmental data for chairpersons; annual compiled reports of all teaching and course evaluations by department for meetings with chairpersons.
- Review external and internal survey instruments for effectiveness and appropriateness.
- Track the elements related to assessment and provide data and analysis for all elements and standards to maintain the accreditation of the educational program.
- Work collaboratively with the senior leadership, faculty, and staff regarding policies and procedures.
- Provide leadership and oversight for the assessment and research committee.
- Mentor faculty (especially junior faculty) on research issues.
- Oversee the research budget and its programs.
- Evaluate research opportunities and collaborations.
- Oversee the school's research groups.
- Foster collaborative, interdisciplinary research between departments and with external researchers.
- Implement the research aspects of the school's strategic plan.
- Represent the school on research matters and in the university center of excellence for research and postgraduate studies.
- Work with other schools' research leadership on strategic research collaboration.
- Reporting to the dean.

Work Type: Full-time

2020 - Present **Lebanese International University – School of Pharmacy, Lebanon**

Title: Clinical Associate Professor

Responsibilities:

- Strategic planning, accreditation, and curriculum assessment.

- Teaching profile: pharmacotherapy of infectious diseases, pulmonary and rheumatology, interpretations of laboratory data, non-prescription drugs, pharmacy seminar, and introduction to drug information.
- Precepting profile: BPharm and PharmD students in the introductory and advanced pharmacy practice experiences.

Work Type: Full-time

2017 - 2021

Lebanese International University – School of Pharmacy, Lebanon

Title: Chairman of PharmD Program

Responsibilities:

- Creation of experiential learning opportunities.
- Evaluation of students for enrollment in the PharmD Program.
- Updating and monitoring the Advanced Pharmacy Practice Experience (APPE) rotations.
- Setting schedules and following up with hospitals and medical centers to ensure effective APPE rotations.
- Assign rotations and hospitals for each student enrolled in the program.
- Assign evaluative meetings between preceptors and students to ensure continuing program development.
- Setting exams dates and following up students' performance.
- Reporting to the dean.

Work Type: Full-time

2011 - 2017

Lebanese International University – School of Pharmacy, Lebanon

Title: Clinical Pharmacy Practice Experience Coordinator and Clinical Assistant Professor

Responsibilities:

- Academic clearances for fifth year students.
- Distribution of student on the Lebanese hospitals.
- Assisting the Pharmacy Practice Department chair with offering.
- Following-up with the faculty members precepting the students in the hospitals.
- Orienting students about the hospital internship.
- Preparing manuals and exams, and finalizing the grades of students.
- Research and instruction.
- Pharmacy day coordinator.
- Pharmacy alumni coordinator.
- Precepting and advising.

Work Type: Full-time

Educational Background

2021 - 2024 **Degree:** Doctor of Philosophy
Title: PhD in Clinical Research, Technological Innovation, and Public Health.
University: Université Paris-Est Créteil - Institut Mondor de Recherche Biomédicale, France.

2020 - 2021 **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).

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 stroke and neurological disorders.

Drug Utilization Review: special attention to over-the-counter medications and selfcare.

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

Public Health: special attention to pharmacists' role in promoting health and community awareness.

Publications

Journals

- 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>
- Sakr, F., Toufaily, 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>
- 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>
- Sakr, F., Haddad, C., Zeenny, R. M., Sacre, H., Akel, M., Iskandar, K., Hajj, A., & Salameh, P. (2022). Work Ethics and Ethical Attitudes among Healthcare Professionals: The Role of Leadership Skills in Determining Ethics Construct and Professional Behaviors. *Healthcare*, 10(8), 1399. <https://doi.org/10.3390/healthcare10081399>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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 M, Dabbous M, Sakr F, Safwan J, Cherfan M, Shrayteh Z, Rahal M, Salameh P, Saleh N. EVALUATION OF CONSTIPATION MANAGEMENT IN THE LEBANESE COMMUNITY PHARMACIES. *International Journal of Pharmacy and Technology* 2019; 11(1): 31657-71.
- Akel M, Fahs I, Rahal M, Sakr F, Assi M. Eating and Weight Disorders: A Mini-Review of Anorexia and Bulimia Nervosa and Binge Eating Disorder. *IOSR Journal of Pharmacy* 2018; 8(4): 12-16.
- Dabbous MK, Sakr FR, Bouraad EP, Safwan JH, Akel MG, Cherfan MM. Pain assessment and management in cancer patients. *J Health Res Rev* 2017;4(1):8-12.
- Safwan J, Hamwi H, Shamsedeen L, Sakr F, Cherfan M, et al. (2017) Evaluation of the Adherence to the Discharge Management for Secondary Prevention of Acute Coronary Syndrome in Lebanon. *J Cardiol Clin Res* 5(2): 1097.
- Cherfan M, Salameh P, Drouby Chahine F, Akel M, Sakr F, Dabbous M, Safwan J. Assessment and Review of Pneumonia in a Nursing Home. *Middle-East J. Sci. Res*. 2017;25(2):282-95.
- Akel M, Shamas K, Sakr F, Dabbous M, Safwan J, Cherfan M, Iskandarani M. Evaluation of the management of anemia in hemodialysis patients in Lebanon. *J Nephropharmacol* 2017;6(2):68-73.
- Sakr F, Dabbous M, Safwan J, Akel M, Cherfan M. OVERWEIGHT AND OBESITY: YOUNG POPULATION CONCERNS IN THE LEBANESE COMMUNITY. *European Journal of Pharmaceutical and Medical Research* 2016; 3(12): 80-4.
- Akel M, Cherfan M, Safwan J, Sakr F, Dabbous M, Shamsedeen L, Alame M. An Overview of Kidney Stone Disease in Lebanon. *Global J. Pharmacol*. 2016; 10(4): 89-97.
- Sakr F, Abi Jaoude M, Dabbous M, Akel M, Cherfan M, Safwan J, Iskandarani M. Assessment of Lebanese Community Knowledge about Over the Counter Common Cold and Cough Medications. *IOSR Journal of Pharmacy* 2016; 6(11): 39-41.
- Dabbous M, Malaeb D, Sakr F. ANTICOAGULANT THERAPY IN PEDIATRICS. *Journal of basic and clinical pharmacy* 2014; 5(2): 27-33.

- Sakr F, Dabbous M, Malaeb D, Rahal M. NOVEL ANTIMICROBIAL AGENTS: A REVIEW. International Journal of Pharmacy and Technology 2013; 5(4):2824-38.
- Malaeb D, Sakr E, Dabbous M. THERAPEUTIC APPROACHES FOR THE TREATMENT OF PULMONARY HYPERTENSION. International Journal of Pharmacy 2013; 3(3): 436-41.

Conferences

- 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.
- 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.
- 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.
- Barakat R, Sakr E, 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 E, 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 antihypertensive 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 E, Dabbous M, Safwan J. Assessment of dual antiplatelet 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 E, 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 Pharmacists, Midyear Clinical Meeting, December 2014, Anaheim, California. USA.
- 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. USA.
- Dabbous M, Sakr F. Assessment of orlistat use among young Lebanese population. American Society of Health System Pharmacists, Midyear Clinical Meeting, December 2014, Anaheim, California. USA.
- 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. USA.
- Abi Jaoude M, Sakr F, Iskandarani M. Assessment of Lebanese community knowledge about over the counter common cold and cough medications. American Society of Health System Pharmacists, Midyear Clinical Meeting, December 2014, Anaheim, California. USA.
- 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. Ajman University of Science and Technology International Conference, February 2012, Ajman, UAE.
- 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 4 - 8, 2011, New Orleans, Louisiana, USA.

Special Courses and Training

- Plagiarism, Referencing and Citation Workshop
- Training and Capacity Building in Drug Therapeutic
- Preceptor Development Workshop
- Stress Management Workshop
- SPSS Workshop
- Time Management Workshop
- Effective Leadership Training Workshop
- Effective Learning Environment Observation Tools Workshop

Affiliations

- International Pharmaceutical Federation (FIP) – Netherlands, 2019 – present.
- American Society of Health System Pharmacists - Bethesda, Maryland, USA, 2011 – present.
- Order of Pharmacists of Lebanon - Beirut, Lebanon, 2009 – present.
- INSPECT-LB: Institut National de Santé Publique, d'Épidémiologie Clinique et de Toxicologie-Liban, Lebanon, 2023 – present.

Softwares

- Microsoft Windows and Suite
- Mac OS
- Google Workspace
- SPSS
- Softpharm
- Apothicaire PharmaAdvisor

Languages

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

References

- Available upon request.