

## **Elsy Ramia, B.S. Pharm, Pharm.D., MPH, BCPS, CPPS**

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### **PROFESSIONAL APPOINTMENTS**

*Fall 2022 – Present* Clinical Associate Professor  
 Department of Pharmacy Practice  
 School of Pharmacy  
 Lebanese American University

*Fall 2013 – Spr. 2022* Clinical Assistant Professor  
 Department of Pharmacy Practice  
 School of Pharmacy  
 Lebanese American University

*Sum 2010 – Sum.2013* Instructor  
 Department of Pharmaceutical Sciences  
 School of Pharmacy  
 Lebanese American University

*Jun. 2009 – Jun.2010* Clinical Pharmacist  
 Centre Hospitalier du Nord (CHN) – Zgharta, Lebanon

### **ADMINISTRATIVE APPOINTMENT**

*Fall 21 – Summer 26* Clinical Pharmacy Coordinator  
 LAU SOP – LAUMC-RH Department of Pharmacy

### **PRACTICE EXPERIENCE**

#### **Primary Preceptor**

*2019-Present* Required Health System Pharmacy Rotation - PGY1 Pharmacy Residency  
*2017-Present* Advanced Pharmacy Practice Experience – Patient / Medication Safety  
 Rotation (PHA650J)

**TEACHING**Lebanese American University School of Pharmacy**Course Coordinator**

2025 – Present	Introduction to Digital Health (PHA567T)
2014 – 2020	Drug Information and Literature Evaluation (PHA421)
2014 - 2020	P3 students Experiential Education (PHA570)

**Lecturer/Discussion Leader/Preceptor**

2025 – Present	Introduction to Digital Health (PHA567T)
2023-Present	Pharmaco-epidemiology (PHA514)
2024-Present	Drug Information and Literature Evaluation (PHA421)
2019-Present	Required Health System Pharmacy Rotation - PGY1 Pharmacy Residency
2017-Present	Advanced Pharmacy Practice Experience – Patient / Medication Safety Rotation (PHA650J)
2015-Present	Pharmacotherapeutics III (PHA442)
2014-Present	P3 students Experiential Education (PHA570)
2012-Present	P3 students Experiential Education (PHA572)
2011-2022	Drug Information and Literature Evaluation (PHA421)
2010-2015	Dispensing and Pharmaceutical Care – Laboratory (PHA449)
2010-2013	Pharmaceutical Analysis and Biotechnology – Laboratory
2010-2013	Dosage Forms I-Laboratory (PHA 315)
2010-2013	Dosage Forms II-Laboratory (PHA 317)

Lebanese American University School of Medicine**Lecturer**

2020-Present	Med III Clerkship Program
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Lebanese American University Medical Center Rizk Hospital, Internal Medicine Residency Program**Lecturer**

2020- Present	Resident Core Lecture Series
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**EDUCATION**

2015 - 2016	Master of Public Health (MPH): Epidemiology and Biostatistics, <i>with distinction</i> Lebanese University Beirut, Lebanon
2008 - 2009	Doctor of Pharmacy (Pharm.D.), <i>with distinction</i> Lebanese American University (LAU) Byblos, Lebanon

2003 - 2008      B.S. in Pharmacy, *with distinction*  
 Lebanese American University (LAU)  
 Byblos, Lebanon

## LICENSURE

2009 – Present      Pharmacy  
 Lebanon (license number 6067)

## SPECIALTY BOARD CERTIFICATIONS

Jan. 2021 – Present      Certified Professional in Patient Safety (CPPS) by the Certification Board for Professionals in Patient Safety (CBPPS) – Institute of Healthcare Improvement (IHI)  
*Active status*

2015 – Present      Board Certified Pharmacotherapy Specialist (BCPS) (credential number 3141194F)  
*Active status*

## POST-GRADUATE CERTIFICATIONS/DIPLOMAS/TRAININGS

Dec 2025 – Present      Quality Improvement for Pharmacy Professionals Certificate - Online  
 American Society of Health-System Pharmacists (ASHP)

Dec.2024 – April 2025      Telehealth Certificate – Online  
 American Society of Health-System Pharmacists (ASHP)

April 3-4, 2024      Use of Artificial Intelligence (AI) in Pharmacy Education Institute –  
 Online Workshop  
 American Association of Colleges of Pharmacy (AACP)

January 2023      Simulation Master Class  
 National Health Education and Training in Simulation (NHET-Sim)  
 Monash University

Aug.2018 – Jan.2019      Online Medication Safety Certificate Program  
 American Society of Health-System Pharmacists (ASHP) and Institute  
 of Safe Medication Practices (ISMP)

Dec.2016 – Jan.2017      Medication Safety Training  
 Houston Methodist Hospital, Houston, Texas, U.S.

- May2016 – Apr.2017* Online Patient Safety Certificate Program  
Armstrong Institute for Patient Safety and Quality - Johns Hopkins  
Medicine
- Dec. 4-5, 2015* ISMP Medication Safety Intensive Workshop  
Institute of Safe Medication Practices (ISMP)  
New Orleans, Louisiana, U.S.
- Sept.2011* Clinical Research Training  
“Centre de Diagnostic et de Thérapeutique” “Hôtel Dieu de  
France” Paris, France
- Oct. - Jun.2011* Principles of Medical Research Diploma  
Medical Research Institute  
School of Medical Sciences at the Lebanese University  
Beirut, Lebanon

## PUBLICATIONS

### Peer-Reviewed Original Research

Diab S, Karaoui LR, Hussein AH, Chamoun N, Yammine K, Assi C, **Ramia E**. Pharmacist-led medication reconciliation upon discharge from the orthopedic surgery department. *Sci Rep*. 2026 Jun 6. <https://doi.org/10.1038/s41598-026-55819-9>. Epub ahead of print. PMID: 42251119.

Harake, K.E., Nasser, S.C., Dimassi, H. et al. Impact of health literacy on healthcare outcomes in hospitalized patients in Lebanon including quality of life and antibiotic knowledge. *Sci Rep* 15, 6584 (2025). <https://doi.org/10.1038/s41598-025-90036-w>

Chamoun N, **Ramia E**, Sacre H, Haddad M, Haddad C, Hajj A, Namnoum J, Zeenny RM, Iskandar K, Akel M, Salameh P. Validation of the specialized competency framework for pharmacists in hospital settings (SCF-PHS): a cross-sectional study. *J Pharm Policy Pract*. 2023 Jul 10;16(1):86. <https://doi.org/10.1186/s40545-023-00592-7>. PMID: 37430355; PMCID: PMC10332012.

**Ramia E**, Maasri A, Abdallah J. Critical thinking among pharmacy students: Do age, sex and academic variants matter? *Pharm. Educ*. 2022; 22(1), p. 236–248. <https://doi.org/10.46542/pe.2022.221.236248>

Ouweini AE, Karaoui LR, Chamoun N, Assi C, Yammine K, **Ramia E**. Value of pharmacy services upon admission to an orthopedic surgery unit. *J Pharm Policy Pract*. 2021 Dec 6;14(1):103. <https://doi.org/10.1186/s40545-021-00384-x>. PMID: 34872605; PMCID: PMC8646011.

**Ramia E**, Zeenny RM, Hallit S, Salameh P. A population-based study of self-reported adverse drug events among Lebanese outpatients. *Sci Rep*. 2021 Apr 12;11(1):7921. <https://doi.org/10.1038/s41598-021-87036-x>.

Karaoui LR, **Ramia E**, Mansour H, Haddad N, Chamoun N. Impact of pharmacist-conducted anticoagulation patient education and telephone follow-up on transitions of care: a randomized controlled trial. *BMC Health Serv Res*. 2021 Feb 16;21(1):151. <https://doi.org/10.1186/s12913-021-06156-2>.

Zeenny RM, **Ramia E**, Akiki Y. *et al*. Assessing knowledge, attitude, practice, and preparedness of hospital pharmacists in Lebanon towards COVID-19 pandemic: a cross-sectional study. *J of Pharm Policy and Pract*. 2020; 13:54. <https://doi.org/10.1186/s40545-020-00266-8>.

Karaoui LR, Chamoun N, Fakhir J, Abi Ghanem W, Droubi S, Diab Marzouk AR, Droubi N, Masri H, **Ramia E**. Impact of pharmacy-led medication reconciliation on admission to internal medicine service: experience in two tertiary care teaching hospitals. *BMC Health Serv Res*. 2019;16;19(1):493. <https://doi.org/10.1186/s12913-019-4323-7>.

Akel M, **Ramia E**, Hajj A, Hallit S, Lahoud N, Zaytoun A, et al. Medication Safety Spontaneous Reporting System: The Lebanese Order of Pharmacists Initiative. *Bulletin of Faculty of Pharmacy Cairo University*. 2019 <https://doi.org/10.1016/j.bfopcu.2019.02.001>.

Hallit S, Hajj A, Shuhaiber P, Iskandar K, **Ramia E**, Sacre H, Salameh P, Order of Pharmacists of Lebanon scientific committee—Medication safety subcommittee. Medication safety knowledge, attitude, and practice among hospital pharmacists in Lebanon. *J Eval Clin Pract*. 2019;25:323–339.

Zgheib E, **Ramia E**, Hallit S, Boulos C, Salameh P. Factors Associated with Functional Disability Among Lebanese Elderly Living in Rural Areas: Role of Polypharmacy, Alcohol Consumption, and Nutrition-based on the Aging and Malnutrition in Elderly Lebanese (AMEL) Study. *J Epidemiol Glob Health*. 2018; 8(1): 82-90.

Chamoun N, **Ramia E**, Lteif C, Salameh P, Zantout H, Ghanem G, Chatila R. Assessment of bleeding in chronic liver disease and coagulopathy using the IMPROVE bleeding criteria. *Curr Med Res Opin*. 2018 Sep 17:1-19. <https://doi.org/10.1080/03007995>

Hajj A, Hallit S, **Ramia E**, Salameh P. Medication safety knowledge, attitudes and practices among community pharmacists in Lebanon. *Curr Med Res Opin*. 2018; 34(1):149-156. <https://doi.org/10.1080/03007995.2017.1361916>.

**Ramia E**, Zeenny RM, Hallit S, Salameh P. Assessment of patients' knowledge and practices regarding their medication use and risks in Lebanon. *Int J of Clin Pharm*. 2017; 39(5):1084-1094. <https://doi.org/10.1007/s11096-017-0517-4>.

**Ramia E**, Nasser SC, Salameh P, Saad AH. "Patient Perception of Acute Pain Management: Data from Three Tertiary Care Hospitals," *Pain Res Manag*. vol. 2017, Article ID 7459360, 12 pages, 2017. <https://doi.org/10.1155/2017/7459360>.

El-Khoury G, **Ramia E**, Salameh P. Misconceptions and Malpractices toward Antibiotic Use in Childhood Upper Respiratory Tract Infections among a Cohort of Lebanese Parents. *Eval Health Prof.* 2017; 1-19.

**Ramia E**, Salameh P, Btaiche I, Saad A. Mapping and assessment of personal and professional development skills in a pharmacy curriculum. *BMC Med Educ.* 2016, 16:19.

Available at: <http://bmcmededuc.biomedcentral.com/articles/10.1186/s12909-016-0533-4>

**Ramia E**, Zeenny R. Completion of therapeutic and safety monitoring tests in Lebanese outpatients on chronic medications: a cross-sectional study. *Patient Prefer Adher.* 2014:8; p1195–1204.

### Research Abstracts

Fakhir J, Abi Ghanem W, **Ramia E**, El Khoury C, Issa S, Skayem N. 5PSQ-019 An organizational approach to improve the safety of intravenous potassium chloride replacement: data from a tertiary care hospital. *Eur J Hosp Pharm* 2018; 25 (S1): p. A173.

## PROFESSIONAL PLATFORM PRESENTATIONS DELIVERED

- Nov. 2025*      Digital Health Workshop.  
*Sessions Delivered:*  
                   *AI Prompting Skills*  
                   *Automation and Closed Loop Medication Management*  
                   *Telehealth Applications into Pharmacy Practice*  
                   *Ethical Considerations in Digital Health*  
 Academy of Continuing Education (ACE)  
 Lebanese American University, Lebanon
- Oct. 2025*      Root Cause Analysis (RCA) Workshop  
 Lebanese Society of Quality and Safety in Healthcare (LSQSH) - Pre-conference  
 Workshop  
 Ecole Superieure des Affaires (ESA) – Lebanon
- Sep. 2025*      Pharmacy Practice Conference at the Lebanese American University School of  
 Pharmacy  
*Involvement:*  
*Panelist:* Panel Discussion: Pharmacy Forward: Today's Reality, Tomorrow's  
 Vision - Leaders from pharmacy, medicine and nursing  
*Session Moderator:* Digital Health in Pharmacy  
*Panel Moderator:* Panel Discussion: AI – Pharmacists of the Future Student  
 Pharmacists and Residents

- July. 2025* Introduction to Digital Health in Pharmacy  
Lebanese University School of Pharmacy – Hadath - Lebanon
- Feb. 2025* Clinical Pharmacy Workshop  
*Session Delivered: Medication Safety in Clinical Practice*  
Academy of Continuing Education (ACE)  
Lebanese American University, Lebanon
- Feb. 2024* Safely Automating the Medication Management Process in Healthcare Organizations  
First Annual Lebanese Pharmacy Schools Symposium  
United in Action: Pharmacy Education and Practice Advancement  
Lebanese American University, Beirut, Lebanon
- Oct. 2023* Medication Event Reporting: Stories from the field - A Lebanese Experience  
Annual Lebanese Pharmacovigilance Conference  
Lebanese American University, Byblos, Lebanon
- March. 2017* Evaluating a Drug: Information presented to the P&T committee, monitoring and follow-up  
OPL Hospital Pharmacist CE Program  
OPL Auditorium, Beirut, Lebanon.
- Jan. 2017* Med-Safety Matters: Indication-Based Prescribing System.  
System Medication Safety Committee  
Houston Methodist Hospital, Houston, U.S.
- Nov. 2016* Medication Safety: Review and Updates.  
24<sup>th</sup> Annual Pharmacy Congress: Advancing the Pharmacist's Role.  
Hilton Habtoor – Beirut, Lebanon.
- Sept. 2016* Drug Management Education Session. Diabetes Education and Awareness Forum:  
A multidisciplinary approach on the quality of care in diabetes management.  
4<sup>th</sup> Annual Congress: Quality and Safety in Healthcare: Luxury or Necessity?  
Monroe Hotel - Beirut, Lebanon.
- Feb. 2014* Saad A, **Ramia E.** “Mapping Personal and Professional Development across Pharmacy Curriculum”. Fifth International Conference on Effective Teaching and Learning in Higher Education. American University of Beirut. Beirut, Lebanon.

## SERVICE

### Committees, Subcommittees, Taskforces

#### Order of Pharmacists in Lebanon (OPL)

*Feb 2026 – Present* Active Member of the Hospital and Clinical Pharmacy subcommittee  
*Feb 2016-2019* Active Member, Medication Safety OPL subcommittee

#### Ministry of Education and Higher Education (MEHE)

*Jan 2015-Jan 2016* OPL Representative at the Pharmacy Colloquium Examination

#### Lebanese American University

*2023 – Present* Elected Senate Representative for the School of Pharmacy  
*2025 – Present* Faculty Welfare and Promotion Council (FWPC)  
*2025 – Present* University Library and Information Resources Council (ULIRC)  
*2024 – Present* Institutional Animal Care and Use Committee (IACUC)  
*2024 – Present* Artificial Intelligence (AI) Taskforce

#### Lebanese American University School of Pharmacy

*2024 – Present* Pharmacy Practice Conference Taskforce  
*2024* Strategic Planning Taskforce  
*2024* Non-tenure Track Promotion Guidelines Taskforce  
*2024-Present* School Academic Council (SAC)  
*2021-Present* Objective Structured Clinical Examination (OSCE) Workgroup  
*2020-Present* Residency Advisory Committee  
*2019-Present* Member, Admissions Committee  
*2018-Present* Member, Experiential Education Committee  
*2015-2020* Library liaison  
*2015-2017* Member, Experiential Education Subcommittee  
*2011-Present* Sessions presenter and facilitator, Inter-professional Education (IPE) Work Group  
*2012-2015* Secretary, School Curriculum Committee  
*2012-2015* Member, Laboratory Taskforce  
*2011-2012* Secretary, School Admission Committee

#### Lebanese American University Medical Center – Rizk Hospital (LAUMCRH)

*2020-2023* Member, Patient Safety Taskforce  
*2021-Present* Member, Performance Improvement Committee (PIC)  
*2019-Present* Member, Pharmacy and Therapeutics (P&T) Committee

**Supervisory Services**

Lebanese American University Medical Center-Rizk Hospital

*Fall 2021-Present*      Clinical Pharmacy Coordinator

**Student Services**

Lebanese American University School of Pharmacy

*2013-Present*              Students advisor

*2013-Present*              PharmD students' mentor