

CURRICULUM VITAE

PERSONAL DETAILS

Name: Lorina Bisharat, PhD

Date of Birth: 07-05-1985

Nationality: Jordanian

Current Address: Amman-Jordan

Tel: +962 65355000, ext. 23377

Mobile: +962 777 87 87 78

Email : L.bisharat@ju.edu.jo

Web Page:

http://pharmacy.ju.edu.jo/Lists/FacultyAcademicStaff/DispDept_Staff.aspx?ID=73&dept=Pharmaceutics%20and%20Pharmaceutical%20Technology&deptName=Pharmaceutics%20and%20Pharmaceutical%20Technology

EDUCATION

From	To	Name Of Institution	Qualification	Subject	Grades
2012	Present	University of Jordan-Jordan	Assistant Professor		
2008	2012	University of East Anglia-UK	PhD	Drug Delivery	N.A.
2003	2008	University of Jordan-Jordan	BA	Pharmacy	3.96 (on a scale of 4.00)
2002	2003	Jubilee School-Jordan	High School	Scientific Stream	94.8%

EXPERIENCE AND SKILLS

2012 to present University of Jordan Amman, Jordan

Teaching experience:

- 1st year students: Lectures in “Physicochemical Principles of Pharmacy”.
- 2nd year students: Lectures and Lab demonstrations in “Pharmaceutical Calculations and Compounding of Dosage Forms”.
- 3rd year students: Lectures in “Pharmaceutical Technology I”.
- 3rd to 6th year students: Seminar in “Pharmaceutics and Pharmaceutical Technology”.

Research Interests

- Development of oral solid drug delivery systems using conventional and new technologies including hot melt extrusion.
- Formulation of modified release dosage forms and targeted drug delivery systems with particular reference to colonic targeting.
- Dissolution testing using bio-relevant media and colonic fermentation models.

2008-2012 University of East Anglia Norwich, UK

PhD scholarship

- An Investigation into the Use of Zein Proteins as Pharmaceutical Excipients for Modified Drug Release Applications.
- Project in collaboration with different research centres within the Norwich Research Park (UK): University of East Anglia (UEA) and Institute for Food Research (IFR).
- Cross-disciplinary project covering a broad research area in the fields of Pharmaceutical Technology and Integrated Biology of the Gastro-Intestinal tract.
- Excellent experience in the field of Pharmaceutical Technology, Drug Delivery i.e. Development of Oral Dosage Formulations: Granulation, Characterization of Powders and Granules, Direct Compression, Coating of Tablets, Dissolution and Disintegration Tests and Formulation of Modified Release Dosage Form.
- Broad skills in Biology of the Gastro-Intestinal tract: Gastro-intestinal Drug Stability Studies (Bio-relevant media) and Colonic Fermentation Studies (Batch Fermentation Model using human faeces).
- Ability and flexibility to work and collaborate with scientific groups in different subject areas; developed great team-work ethic and communication skills.

Teaching experience:

- 1st year students' workshops: Calculation, Physical Biochemistry and Polarimetry.
- 2nd year students' workshops: Statistics, Drug Metabolism and Pharmacokinetics (DMPK).
- 2nd year students' laboratory demonstration: Powder characterisation (Pharmaceutical Technology) and Tablet compression and characterisation (Pharmaceutical Technology).

CONFERENCES, WORKSHOPS AND MEMBERSHIPS

- APS Pharm Sci, Nottingham, UK (September, 2011).
- American Association of Pharmaceutical Scientists (AAPS), Washington, USA (October, 2011).
- UEA School of Pharmacy Research Day, Norwich, UK (July, 2012).
- The 15th Scientific Congress of the Association of Pharmacy Colleges in the Arab World & The 3rd International Conference of The Faculty of Pharmacy, "Recent Trends and Advances in Pharmacy", University of Jordan, Amman, Jordan (October, 2012).
- "Grading System at the University of Jordan" workshop, University of Jordan, Amman, Jordan (January, 2013).
- "The Role of Health Care Providers in Family Violence" workshop, Faculty of Nursing, University of Jordan, Amman, Jordan (April, 2013).
- Member of "Pricing of medical supplies of stents, silicon and pace makers" committee, JFDA, Amman, Jordan (January, 2013).
- Member of "Post approval changes" committee, JFDA, Amman, Jordan (April, 2014 to present).
- "Production Excellence" Seminar, International Consultancy Services (ICS), Amman, Jordan (October, 2014).
- ASU-Pharmacy First National Conference, "Recent Trends in Postgraduate Research", Applied Science University, Amman, Jordan (December, 2014).

PUBLICATIONS

- Rateb J Sweis, Sharaf M Bisharat, Lorina Bisharat, Ghaleb Sweis (2014). "Factors Affecting Contractor Performance on Public Construction Projects". Life Science Journal 11(4s): 28-39.
- L. Bisharat, S. Barker, A. Narbard, C. Fuell, D. Craig (To be published). "Zein Based Coatings for Oral Colon-Specific Drug Delivery. Part I: Physicochemical properties and in vitro drug release from acetylated high amylose maize starch-zein films".

- L. M. Bisharat, S. Barker, D. Georget, D.M. Craig (To be published). “Zein Based Coatings for Oral Colon-Specific Drug Delivery. Part II: A Fermentation Study to assess colonic targeting performance of high amylose maize starch films in vitro”.