

## Pharmacy Informatics: An Emerging Field

Suleman Atique<sup>1,2,\*</sup>, Chien-Yeh Hsu<sup>3,4</sup>

<sup>1</sup>Department of Health Informatics, College of Public Health and Health Informatics, University of Ha'il, Ha'il, SAUDI ARABIA.

<sup>2</sup>University Institute of Public Health, Faculty of Allied Health Sciences, The University of Lahore, Lahore, PAKISTAN.

<sup>3</sup>Department of Information Management, National Taipei University of Nursing and Health Sciences, Taipei, TAIWAN.

<sup>4</sup>Department of Global Health and Development, College of Public Health and Nutrition, Taipei Medical University, TAIWAN.

With the advent of internet and other related Information and Communication Technologies (ICT's) many innovations have been produced in several walk of life including the health sector. Many interesting new tools and techniques have been produced with the advancements in the field of Health Informatics. Pharmacy Informatics is one of the core area of Clinical Informatics which includes dental informatics and nursing informatics as other major categories.<sup>[1]</sup>

There has been extensive research on the nursing and dental informatics as compared to the Pharmacy informatics. However, major errors in medication handling and safety can be directly prevented by effective implementation of pharmacy informatics services. The first step in this regard is assessment of informatics skills required for pharmacist and their inclusion in the

syllabus at graduate level so that the Pharmacist and pharmacy technicians can understand the skills required in the provision services with the help of computers and other ICT tools.

So, it is important to develop pharmacy informatics competency skills for the next generation Pharmacist and make them abreast of these skills for their daily practices to avoid medication errors.

### REFERENCE

1. American Society of Health-System Pharmacists. ASHP statement on the pharmacist's role in clinical informatics. Am J Health Sys Pharm. 2016;73(6):410-3.

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\*Correspondence to:

*Dr. Suleman Atique*

Email: [su.atique@uoh.edu.sa](mailto:su.atique@uoh.edu.sa)

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