

Suleman Atique (Ph.D.)

Assistant Professor

Department of Health Informatics, College of Public Health and Health Informatics, University of Ha'il, Saudi Arabia

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• Current Position:

I am working as **Assistant Professor** at the Department of Health Informatics, College of Public Health and Health Informatics, University of Ha'il, Ha'il, Kingdom of Saudi Arabia. Main job responsibilities include but not limited to:

- Teaching several courses to the undergraduate level students of Health Information Management and Technology
- Teaching Medical coding courses (both diagnosis and procedure coding in ICD-10) at undergraduate level.
- Performing academic advising activities.
- Various intra-departmental administrative and management tasks including program coordination and quality program activities.
- Attending various meetings with the higher management of the University.
- Invigilation and conduction of exams.

• Personal Brief:

Nationality	Pakistani by Birth
Date of Birth	1 st Jan 1988
Marital Status	Married
Passport No.	AB1468493
Permanent address	Village Kot Multanian Wala, P.O.Helan, Tehsil Phalia, District Mandi Bahauddin, Province Punjab, Pakistan, P.C # 50440; Contact No. +92 344 7680598 (Cell)
Present address	Department of Public Health, College of Public Health and Health Informatics, University of Ha'il, Ha'il, Kingdom of Saudi Arabia; Mobile: +966 56 144 2453;

• Scholastic Record:

- **Ph.D. in Bio-medical Informatics: CGPA: 3.86/4.0: With Prestigious Type-A Scholarship by TMU for International Students.** Session 2013-2017

Graduate Institute of Bio-medical Informatics, Taipei Medical University (TMU), Taipei, Taiwan

Thesis title: **Spatio-temporal Analysis of dengue fever in Pakistan**

- **MS Health Informatics: (CGPA: 3.78/4.0)**

COMSATS Institute of Information Technology (CIIT), Islamabad, Session 2011-2013

Thesis title: **Assessment and Evaluation of Level of Awareness and Motivation for use of CPOE among health professionals in Punjab**

- **Pharm-D (Doctor of Pharmacy): First Division**

Government College University Faisalabad, Faisalabad, Pakistan, Session 2005-2010

- **Employment Record:**

S. #	Designation	Organization	Duration
1.	Assistant Professor	College of Public Health and Health Informatics, University of Hail, Saudi Arabia	May, 2018 to Present
2.	Assistant Professor	University Institute of Public Health, Faculty of Allied Health Sciences, University of Lahore, Lahore, Pakistan	October, 2017 to May, 2018
3.	Graduate Research Associate	Taipei Medical University, Taiwan	September, 2014 to June, 2017
4.	Community Pharmacist	Servaid Pharmacy Pvt. Limited, Faisalabad, Pakistan	September, 2010 to September, 2011

- **Research Publications:**

1. Tesfaye, B., **Atique, Suleman.**, Azim, T. et al. Predicting skilled delivery service use in Ethiopia: dual application of logistic regression and machine learning algorithms. BMC Med Inform Decis Mak 19, 209 (2019) doi:10.1186/s12911-019-0942-5. **(IF=2.15)**
2. **Atique, Suleman**, and Chien-Yeh Hsu. "Pharmacy Informatics: An Emerging Field." Advances in Medical, Dental and Health Sciences 2.1 (2019).
3. Moazzam, Muhammad, Fozia Anwer, **Suleman Atique**, Shama Kanwal, Saba Afzal, Afisa Bashir, Sadia Sarwar, Muteb Alshammari, Raza Tanveer, and Syed Amir Gilani. "Perceived Health Literacy and Health Information Seeking Behavior among University Students in Pakistan." Advances in Medical, Dental and Health Sciences 1, no. 1 (2018).
4. Moazzam, M., **Suleman Atique**, K. I., Hanif, A., Gilani, S. A., Rana, S. M., & Hassan, S. B. State of Depression among Nursing Professionals at Mayo Hospital, Lahore.

5. **Atique, Suleman**, Ta-Chien Chan, Chien-Chou Chen, Chien-Yeh Hsu, Somia Iqtidar, Valérie R. Louis, Syed Abdul Shabbir, and Ting-Wu Chuang. *"Investigating spatio-temporal distribution and diffusion patterns of the dengue outbreak in Swat, Pakistan."* Journal of infection and public health (2017). (IF=2.49)
6. Kekade, Shwetambara, Chung-Ho Hsieh, Md Mohaimenul Islam, **Suleman Atique**, Abdulwahed Mohammed Khalfan, Yu-Chuan Li, and Shabbir Syed Abdul. *"The usefulness and actual use of wearable devices among the elderly population."* Computer methods and programs in biomedicine 153 (2018): 137-159. (IF=3.42)
7. Chen, Kuan-Chen, Usman Iqbal, Phung-Anh Nguyen, Chung-Huei Hsu, Chen-Ling Huang, Yi-Hsin Elsa Hsu, **Suleman Atique**, Md Mohaimenul Islam, Yu-Chuan Jack Li, and Wen-Shan Jian. *"The impact of different surgical procedures on hypoparathyroidism after thyroidectomy: A population-based study."* Medicine 96, no. 43 (2017). (IF=1.87)
8. **Suleman Atique**, Chung-Ho Hsieh, et.al, **"Viral Warts (HPV) as a Potential Risk for Breast Cancer among Younger Females"** Computer Methods and Programs in Biomedicine (March, 2017). (IF=3.42)
9. Iqbal, Usman, Tzu-Hao Chang, Phung-Anh Nguyen, Shabbir Syed-Abdul, Hsuan-Chia Yang, Chih-Wei Huang, **Suleman Atique** et al. *"Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence."* Journal of biomedical informatics 74 (2017): 85-91. (IF=2.95)
10. **Atique, Suleman**, Shabbir Syed Abdul, Chien-Yeh Hsu, Ting-Wu Chuang. *"Meteorological influences on dengue transmission in Pakistan."* Asian Pacific Journal of Tropical Medicine. (IF=1.77)
11. Usman Iqbal, Chia-Hui Wang, **Suleman Atique**, Nai-Wen Kuo. **"Promoting Health Security: Potential, Role, and Future Directions of a Medical University"** Health security, 2017. (IF=1.90)
12. Yu-Pei Lin, Usman Iqbal, Phung-Anh Nguyen, Md Islam, **Suleman Atique**, Wen-Shan Jian, Yu-Chuan Jack Li, Chen-Ling Huang, Chung-Huei Hsu. **"The concomitant association of thyroid disorders and Myasthenia gravis"**, Translational Neuroscience, 2017. (IF=2.038)
13. Abdallah Ahmed Elbakkoush, Anas Khaleel, **Suleman Atique**, Albakush Nura Ahmed Mohamed, Isatou Sowe, Chien-Tsai Liu. **"Enhancing contrast of magnetic resonance imaging in patients with liver cirrhosis: Conveyance times of Primovist in hepatobiliary system"** Tropical Journal of Pharmaceutical Research, 2017. (IF= 0.569)

14. Md Mohaimenul Islam, Usman Iqbal, Bruno Andreas Walther, Phung-Anh Nguyen, Yu-Chuan Jack Li, Navneet Kumar Dubey, Tahmina Nasrin Poly, Jakir Hossain Bhuiyan Masud, **Suleman Atique**, Shabbir Syed-Abdul, **“Gender-based personalized pharmacotherapy: a systematic review”** Arch Gynecol Obstet (2017). (IF= 2.199)
15. Islam Md, M, Iqbal U, Walther B, **Atique S**, Dubey N, K, Nguyen P, -A, Poly T, N, Masud J, H, B, Li Y, -C; Shabbir S, -A, **“Benzodiazepine Use and Risk of Dementia in the Elderly Population: A Systematic Review and Meta-Analysis”**. Neuroepidemiology 2016. (IF=2.689)
16. Brook Tesfaye, **Suleman Atique**, Noah Elias, Legesse Dibaba, Syed-Abdul Shabbir, Mihiretu Kebede, **Determinants and development of a web-based child mortality prediction model in resource-limited settings: A data mining approach**, Computer Methods and Programs in Biomedicine, Volume 140, March 2017. (IF=3.42)
17. Elbakkoush, Abdallah Ahmed, **Suleman Atique**, Anas Khaleel, and Chien-Tsai Liu. **"Pathway analysis for identification of potential biomarkers in severe cutaneous drug hypersensitivity reactions."** Tropical Journal of Pharmaceutical Research 15, no. 9 (2016): 1839-1845. (IF= 0.569)
18. Hors-Fraile, S., **S. Atique**, M. A. Mayer, K. Denecke, M. Merolli, and M. Househ. **"The Unintended Consequences of Social Media in Healthcare: New Problems and New Solutions."** IMIA Yearbook (2016): 47-52.
19. Denke Kerstin, **Suleman Atique**, **“Social Media and health communication crisis during epidemics” (Book Chapter- ‘Participatory Health through Social Media’ by Springer Link in May, 2016)**
20. M Topaz, C Ronquillo, L Pruinelli, R Ramos, L Murtola, E Siirala, **S Atique**, G Hamann, M Kimpton-Badger. (2015). **Central Trends in Nursing Informatics: Students' Reflections from International Congress on Nursing Informatics 2014** (Taipei, Taiwan). Computers, Informatics, Nursing. (IF=1.029)
21. Wang, Haidong, Tim M. Wolock, Austin Carter, Grant Nguyen, Hmwe Hmwe Kyu, Emmanuela Gakidou, Simon I. Hay et al. **"Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980-2015: the Global Burden of Disease Study 2015."** The lancet. HIV 3, no. 8 (2016).
22. Rau, Hsiao-Hsien, Chien-Yeh Hsu, Yu-An Lin, **Suleman Atique**, Anis Fuad, Li-Ming Wei, and Ming-Huei Hsu. **"Development of a web-based liver cancer prediction model for type II**

diabetes patients by using an artificial neural network." Computer methods and programs in biomedicine 125 (2016): 58-65. ((IF=3.42))

23. ZAHID, Zeshan, and **Suleman ATIQUE**. "Telerehabilitation Services in Pakistan: A Rehabilitation Professional's Perspective." Nursing Informatics 2016 (2016): 901.
24. Rau, Hsiao-Hsien, Yen-Liang Lee, Chien-Yeh Hsu, Duu-Jian Tsai, Shih-Chang Chen, Li-Min Wei, and **Suleman Atique**. "Applying Taiwan EMR exchange architecture to establish a mobile-healthcare management system for chronic disease in an aboriginal tribe." In Future Information Technology-II, pp. 55-61. Springer Netherlands, 2015.
25. Zahid, Zeshan, **Suleman Atique**, and Mirza Abdul Aleem Baig. "Geographical Information System Utilization in Health Care System of Pakistan" Research in Pharmacy and Health Sciences."
26. Elbakkoush, A. A., **S. Atique**, and I. J. Chiang. "Screening Mammography Efficacy: A Comparison Between Screen-Film, Computed Radiography and Digital Mammography in Taiwan." Studies in health technology and informatics 216 (2014): 914-914.
27. **Atique, Suleman**, Musa Touray, Chien-Yeh Hsu, Ting-Wu Chuang, and Ming-Huei Hsu. "Investigating Health Professional's Perceptions Regarding Benefits of CPOE in Pakistan." Indian Journal of Medical Informatics 8, no. 2 (2014).
28. "Pharmacy profession in India: Current scenario and Recommendations" Published in Indian Journal of Pharmaceutical Education and Research, July-Sep, 2014. (IF=0.425)

• **Conference Papers and Presentations:**

1. **Suleman Atique**, Somia Iqtidar, Chien-Yeh Hsu, Ting-Wu Chuang, Shabbir, Syed-Abdul, "GIS Mapping of dengue incidence in Punjab, Pakistan from 2006-2014" Poster Presentation at **Informatics for Health-2017, Manchester, United Kingdom.**
2. **Suleman Atique**, Hosueh Mowafa, Luque Luis, Gabarron Elia, Wan Marian, Singh Onkar, Traver Vicente, Li Jack, Shabbir Syed-Abdul "Lessons Learnt from MOOCs about How Social Media Can Improve Digital Health Literacy (I)", **38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society August 17-20, 2016, Walt Disney World Resort, Orlando, FL, USA**
3. **Suleman Atique** "State of Management Information System(MIS) in Tertiary Care Hospitals in Pakistan"- Oral Presentation in **APAMI-2016 held from 2-5 November, 2016 in Seoul, South Korea**
4. "Determining Morbidity Patterns First Step Deal with big data via electronic health record of primary health care in Indonesia" Oral Presentation in **APAMI-2016**
5. **Suleman Atique** "Investigating Physician's perceptions about patient related benefits of Computerized Physician's Order Entry System" (First Author) Conference Poster, presented in **25 European Medical Informatics Conference (MIE-2014), September, 2014 Istanbul, Turkey.**

6. Musa Touray, **Suleman Atique** “Mobile Electronic Health Record for Tuberculosis Management in the Gambia” Presented in **Asia Pacific Association of Medical Informatics (APAMI-2014)**, held on 1-2 November, 2014 at New Delhi, India
7. **Atique, Suleman**, Yen-Liang Lee, Syed-Abdul Shabbir, Chien-Yeh Hsu, and Hsiao-Hsien Rau. "Organizational Benefits of Computerized Physician Order Entry (CPOE) System in Pakistan." In **2016 International Conference on Platform Technology and Service (PlatCon)**, pp. 1-3. IEEE, 2016.
8. “Ebola preparedness with the use of Mobile SMS Technology in the Gambia” Poster presented at **JCMIT (2014 Joint Conference on Medical Informatics in Taiwan)** Annual conference 2014.
9. “Investigating Health Professional’s Perceptions Regarding Benefits of CPOE in Pakistan” Presented in **Asia Pacific Association of Medical Informatics (APAMI-2014)**, held on 1-2 November, 2014 at New Delhi, India.
10. **Suleman Atique** “Role of Pilgrimage Sites and Sacred Shrines in Curing and Healing” Presented at **International Summer School on Global Health Perspectives in 21st Century held at Institute of History, Philosophy and Ethics in Medicine, Ulm University, Germany.** 16-29 July, 2012.

- **Internships and Courses:**

- Visited “**Intramural IT and Bioinformatics Program, at National Institute of Neurological Disorders and Stroke (NINDS), National Institutes of Health (NIH), USA**” from June 30 - August 8, 2015.
- **International Health Care Management (HCM) Training Program** from October 19th to November 1st, 2014 at Taiwan International Healthcare Training Centre (TIHTC)(Fully Funded)
- Won the scholarship of a **DAAD Funded Summer School on Global Health in Ulm University, Germany from 16-29 July, 2012.** (Participated and delivered a lecture, in this school in July 2012)
Link: http://www.uni-ulm.de/uploads/media/Role_of_Shrines-Suleman.pdf
- Two weeks **Internship of Community Pharmacy Practices** at Care Pharmacy, Susan Road, Madina Town, Faisalabad from August 15 to August 31, 2008.
- Two months **Internship in Hospital and Clinical Pharmacy**, at Allied Hospital, Faisalabad August 15 to October 15, 2008.
- **Clinical Trial Monitoring Course**, from Govt. College University Faisalabad in collaboration with High-Q Pharmaceutical Karachi, Pakistan in July 2008.
- **Animal Nutrition Management course** from the University of Agriculture, Faisalabad in collaboration with NAVTEC (National Vocational and Technical Education Commission), Pakistan from Jan. 22, 2007 to July 21, 2007.

- **Scholarships and Awards:**

- Won a scholarship to participate in Exchange Program in Germany, for thesis research, from **“Baden Württemberg Stiftung”**.(February-June, 2016)
- Invited to attend a **“Workshop on Biological Research in Dentistry”** and give a talk, by Gottingen University, Germany (Fully-funded) (October 3-7, 2016)
- **TMU International Student Scholarship Type-A** for PhD studies from September, 2013 to January, 2017
- **DAAD Scholarship for a summer school on “Global Health perspectives in 21st century-Medical Tourism” in July 2012** (1300 Euros)
- **Merit scholarship** during **Pharm-D (Doctor of Pharmacy)** under the year 2005 and 2006 (4000 Pakistani Rupees per year)
- **Benevolent Fund Merit Scholarship Govt. of Punjab**, Pakistan during the year 2007 through 2010 and now again in 2012 (16,000 Pakistani Rupees per year)

• **Certificates and Achievements:**

- Certificate of participation in the **“Fourteenth International Partnership for Health Informatics Education (IPHIE) Master Class”** July 21-25, 2014, Taipei Taiwan.
- Certificate of participation in **“Twelfth International Congress on Nursing Informatics (NI2014)”** June 21-25, 2014, Taipei Taiwan.
- Certificate of Attendance in **“First International Conference on Health Literacy and Better Healthcare: EU and Asia”** November 20, 2013, Taipei Taiwan.
- Certificate of Attendance of **“2013 International Conference on update in Reproductive Medicine”** on December 15, 2013 in Taipei Taiwan.
- Participated in **“Global Health Forum 2013”** in Taiwan from November 23-24, 2013.
- Certificate of Participation in **‘Third Annual Public Health Conference focusing “Social Determinants of Health: Issues and Challenges in Pakistan”** 3-4 December, 2012’ organized by Health Services Academy of Pakistan.
- Certificate of Participation in **‘Third International e-Health Conference 21-22 Jan, 2012’** held at University of Health Sciences, Lahore organized by e-Health Association of Pakistan
- Certificate of Participation in **‘Telehealth /Telemedicine Workshop 21-22 Jan, 2012’** held at the University of Health Sciences, Lahore organized by e-Health Association of Pakistan.
- Certificate of participation in **‘National Biotechnology Exhibition and Seminar 2010’** held at the Institute of Biochemistry & Biotechnology, University of Veterinary and Animal Sciences (UVAS) Lahore during October 20-21, 2010
- Certificate of participation in one day **‘MS Office workshop’** organised by GCU Faisalabad in collaboration with IEEE at May 30, 2010.
- Certificate of participation in **‘15th International Pharmacy Conference and Exhibition’** held April 5-8, 2009 organised by the Pharmacy Council of Pakistan at Lahore Pakistan.
- Certificate of participation in **‘1st National Pharmacy Conference’** held March 02-04, 2007 organised by Department of Pharmacy, Islamia University Bahawalpur.

- Certificate of participation in **National Scouts Training Camp** at Ghora Gali Murree Hills during July 5-12, 2001.
- Certificate of participation in National Scouts Training Camp at Ghora Gali Murree Hills during July 5-12, 2001.
- Throughout first division academic record

- **Personal Abilities:**

- Honest and dependable with strong interpersonal skills.
- Ability to perform efficiently as an individual and a team member .
- Decision making, problem-solving and effective time management.

- **Language Proficiency:**

- Efficient user of English as a language of communication, writing, teaching and learning as English has been the medium of instructions, examinations, and class lectures since Higher Secondary School.
- Punjabi is my mother tongue
- Proficiency in Urdu, my national language
- Beginners level knowledge of Arabic, Persian and Mandarin

- **Skills Summary:**

- ArcGIS, QGIS, GeoDa, SatScan for spatial and spatio-temporal analysis
- Statistical Package for Social Sciences (SPSS)
- Weka (Machine Learning)
- Basic Level R

- **References:**

Shall be furnished upon demand.

- **Link to the Google Scholar Profile**

https://scholar.google.com/citations?hl=en&user=Y7DkpoYAAAAJ&view_op=list_works&sortby=pubdate